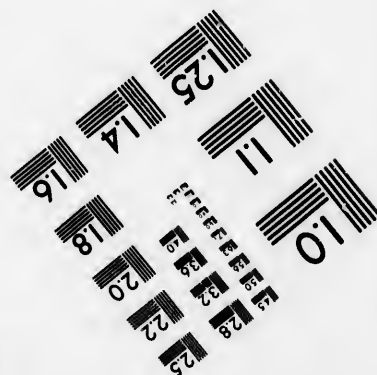
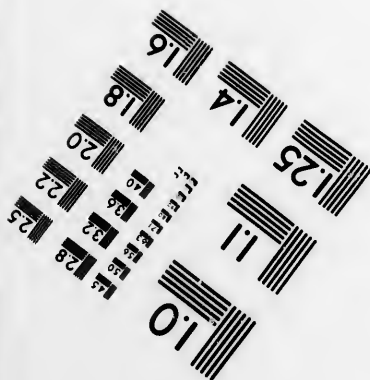
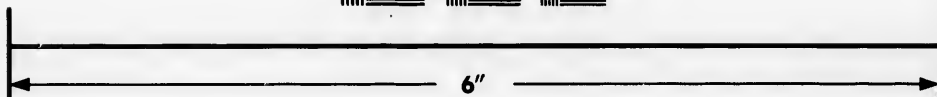
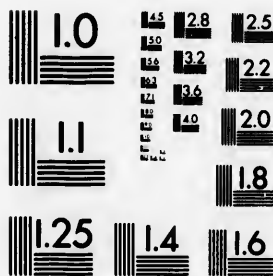


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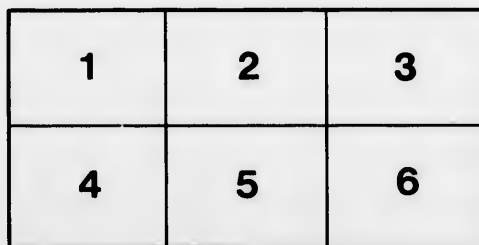
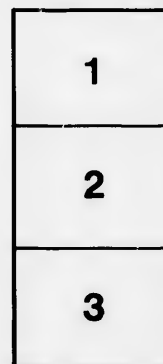
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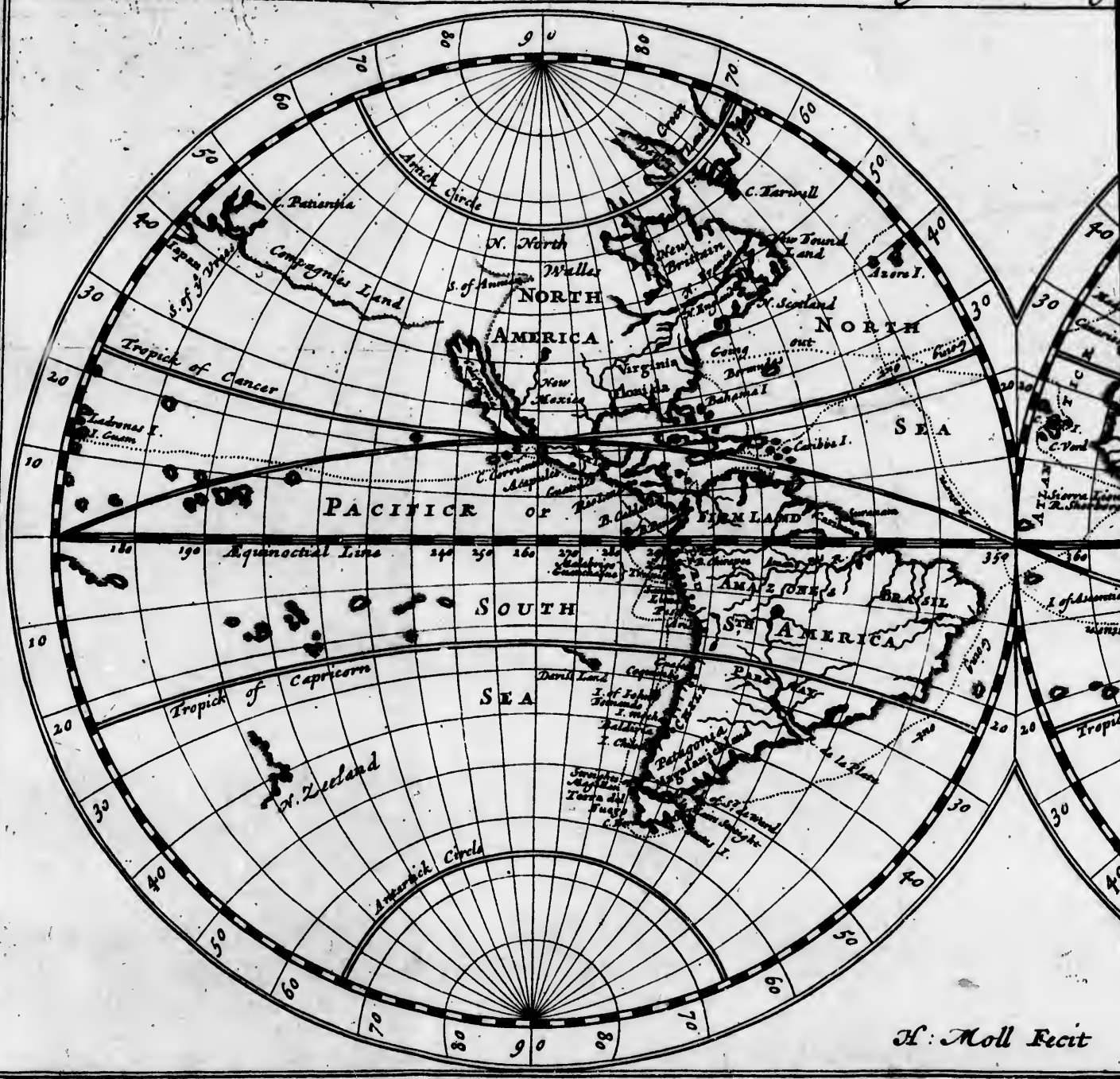
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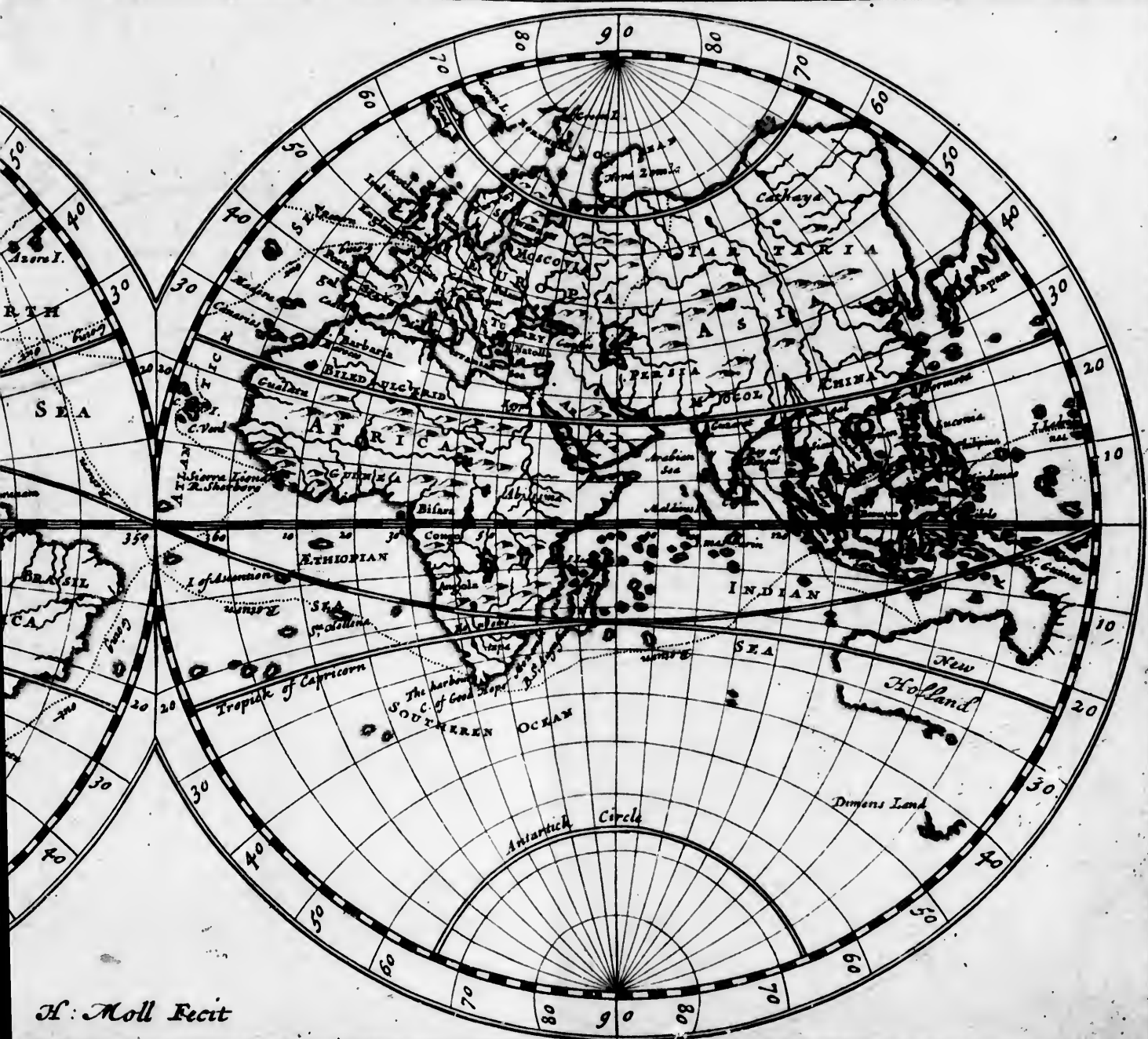


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A *W. Purvis*
New Voyage

ROUND THE
WORLD.

Describing particularly,

The *Isthmus of America*, several Coasts and Islands in the *West Indies*, the Isles of *Cape Verd*, the Passage by *Terra del Fuego*, the *South Sea Coasts of Chili, Peru, and Mexico*; the Isle of *Guam* one of the *Ladrones, Mindanao*, and other *Philippine and East-India* Islands near *Cambodia, China, Formosa, Luconia, Celebes, &c.* *New Holland, Sumatra, Nicobar* Isles; the *Cape of Good Hope*, and *Santa Hellena*.

THEIR
Soil, Rivers, Harbours, Plants, Fruits, Animals, and Inhabitants.

THEIR
Customs, Religion, Government, Trade, &c.

By *William Dampier*.

Illustrated with Particular Maps and Draughts.

L O N D O N,
Printed for *James Knapton*, at the *Crown* in *St Paul's Church-yard*. MDCXCVII.

To the Honorable
Charles Montagu Esq

President of the Royal Society
of the City of London

The Royal Society of London
for the Improvement of Natural Knowledge
has the honor to acquaint you that
it has been resolved to print
the Philosophical Transactions
of the said Society
in the English Language
and to be published
by the said Society
at the Royal Society
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in St Dunstons Church-yard in London
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To the Right Honourable
Charles Mountague, Esq;

President of the Royal Society,
One of the Lords Commissioners
of the Treasury, &c.

S I R,

MAY it please you to Pardon the
Boldness of a Stranger to your Person,
if upon the encouragement of Common
Fame, he presumes so much upon your Can-
dor, as to lay before you this Account of
his Travels. As the Scene of them is not
only Remote, but for the most part little fre-
quented also, so there may be some things in
them New even to you; and some, possibly,
not altogether unuseful to the Publick: And
that just Veneration which the World pays,
as to your General Worth, so especially to
that Zeal for the advancement of Knowledge,
and the Interest of your Country, which
you express upon all Occasions, gives you a
particular Right to whatever may any way
tend to the promoting these Interests, as an
Offering due to your Merit. I have not so
much of the vanity of a Traveller, as to be
fond of telling stories, especially of this
kind;

The Epistle Dedicatory.

kind; nor can I think this plain piece of mine, deserves a place among your more Curious Collections: much less have I the Arrogance to use your Name by way of Patronage for the too obvious faults, both of the Author and the Work. Yet dare I avow, according to my narrow sphere and poor abilities, a hearty Zeal for the promoting of useful knowledge, and of any thing that may never so remotely tend to my Countries advantage: And I must own an Ambition of transmitting to the Publick through your hands, these Essays I have made toward those great ends, of which you are so deservedly esteem'd the Patron. This hath been my design in this Publication, being desirous to bring in my Gleanings here and there in Remote Regions, to that general Magazine, of the knowledge of Foreign Parts, which the *Royal Society* thought you most worthy the Custody of, when they chose you for their *President*: and if in perusing these Papers, your Goodness shall so far distinguish the Experience of the Author from his Faults, as to judge him capable of serving his Country, either immediately, or by serving you, he will endeavour by some real proofs to shew himself,

S I R,

Your Most Faithful,
Devoted, Humble Servant,

W. Dampier

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THE PREFACE.

BEfore the Reader proceed any further in the perusal of this Work, I must bespeak a little of his Patience here, to take along with him this short account of it. It is composed of a mixt Relation of Places, and Actions, in the same order of time in which they occurred: for which end I kept a Journal of every days Observations.

In the Description of Places, their Produce, &c. I have endeavoured to give what satisfaction I could to my Country-men; tho possibly to the Describing several things that may have been much better accounted for by others: Choosing to be more particular than might be needful, with respect to the intelligent Reader, rather than to omit what I thought might tend to the Information of Persons no less sensible and inquisitive, tho not so Learned or Experienced. For which reason, my chief Care hath been to be as particular as was consistent with my intended brevity, in setting down such Observables as I met with: Nor have I given my self any great trouble since my Return, to compare my Discoveries with those of others: The rather, because, should it so happen that I have described some places or things which others have done before me, yet in different Accounts, even of the same things, it can hardly be but there will be some new Light afforded by each of them. But after all, considering that the main of this Voyage hath its Scene laid in long Tracts of the Remoter parts, both of the East and West Indies; some of which

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The Preface.

very seldom visited by English men, and others as rarely by any Europeans, I may without vanity incourage the Reader to expect many things wholly new to him, and many others more fully described than he may have seen elsewhere; for which not only this Voyage, tho it self of many years continuance, but also several former long and distant Voyages, have qualified me.

As for the Actions of the Company, among whom I made the greatest part of this Voyage, a Thread of which I have carried on thro it, 'tis not to divert the Reader with them that I mention them, much less that I take any pleasure in relating them: but for methods sake, and for the Readers satisfaction; who could not so well acquiesce in my Description of Places, &c. without knowing the particular Traverses I made among them; nor in these, without an Account of the Concomitant Circumstances: Besides, that I would not prejudice the truth and sincerity of my Relation, tho by omissions only. And as for the Traverses themselves, they make for the Readers advantage, how little soever for mine; since thereby I have been the better inabled to gratify his Curiosity; as one who rambles about a Country can give usually a better account of it, than a Carrier who jogs on to his Inn, without ever going out of his Road.

As to my Stile, it cannot be expected, that a Seaman should affect Politeness; for were I able to do it, yet I think I should be little sollicitous about it, in a work of this Nature. I have frequently indeed, divested my self of Sea Phrases, to gratify the Land Reader; for which the Seamen will hardly forgive me: And yet, possibly, I shall not seem Complaisant enough to the other; because I still retain the use of so many Sea-terms. I confess I have not been at all scrupulous in this matter, either as to the one or the other of these; for I am perswaded, that if what I say be intelligible, it matters not greatly in what words it is express'd.

For the same reason I have not been curious as to the spelling of the Names of Places, Plants, Fruits, Animals,

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The Preface.

nals, &c. which in many of these remote parts are given at the pleasure of Travellers, and vary according to their different Humours: Neither have I confined my self to such Names as are given by Learned Authors, or so much as enquired after many of them. I write for my Countrymen; and have therefore, for the most part, used such Names as are familiar to our English Seamen, and those of our Colonies abroad, yet without neglecting others that occur'd. And it may suffice me to have given such Names and Descriptions as I could: I shall leave to those of more leisure and opportunity the trouble of comparing these with those which other Authors have designed.

The Reader will find as he goes along, some References to an Appendix, which I once designed to this Book; as, to a Chapter about the Winds in different parts of the World; to a Description of the Bay of Campeachy in the West Indies, where I lived long in a former Voyage; and to a particular Chorographical Description of all the South Sea Coast of America, partly from a Spanish MSS, and partly from my own and other Travellers Observations, beside those contained in this Book. But such an Appendix would have swelled it too unreasonably: and therefore I chose rather to publish it hereafter by its self, as opportunity shall serve. And the same must be said also as to a particular Voyage from Achin in the Isle of Sumatra, to Tonquin, Malacca, &c. which should have been inserted as a part of this General one; but it would have been too long, and therefore omitting it for the present, I have carried on this, next way from Sumatra to England; and so made the Tour of the World, correspondent to the Title.

For the better apprehending the Course of the Voyage, and the Situation of the Places mentioned in it, I have caused several Maps to be engraven, and some particular Draughts of my own Composure. Among them, there is in the Map of the American Isthmus, a new Scheme of the adjoining Bay of Panama and its Islands, which to some may seem superfluous after that which Mr. Rir-

The Preface.

grose hath published in the History of the Buccaneers; and which he offers as a very exact Draught. I must needs disagree with him in that, and doubt not but this which I here publish will be found more agreeable to that Bay; by any who shall have opportunity to examine it; for it is a Contraction of a larger Map which I took from several Stations in the Bay it self. The Reader may judge how well I was able to do it, by my several Traverses about it, mentioned in this Book; those, particularly, which are described in the 7th Chapter, which I have caused to be marked out with a pricked Line: as the Course of my Voyage is generally in all the Maps, for the Readers more easy tracing it.

I have nothing more to add, but that there are here and there some mistakes made, as to expression, and the like, which will need a favourable Correction as they occur upon Reading. For instance, the Log of Wood lying out at some distance from the sides of the Boats described at Guam, and parallel to their Keel, which for distinctions sake I have called the little Boat, might more clearly and properly have been called the side Log, or by some such Name; for though fashioned at the bottom and ends Boat-wise, yet it is not hollow at top, but solid throughout. In other places also I may not have expressed my self so fully as I ought; and upon a Review I find there are several escapes either of mine or the Printers: such as I have thought any thing considerable I have corrected in a Table of Errata; and for any other faults I leave the Reader to the joint use of his Judgment and Candour.

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XV. *He goes to the I. of St. John on the Coast of China, to the Isles Piscadores near Formosa; and the Bashee, or 5 Islands, between Formosa and Luconia, called Orange, Monmouth, Grafton, Bashee, and Goat Isles. 403.*

XVI. *He Coasts along the East side of Luconia, Mindanao, and other of the Philippines: and touching at the I. Celebes, and Callafung in the I. of Bouton, he arrives at New Holland. 441.*

XVII. *He goes thence, touches at the I. Triste, and another; and steering along the West Coast of Sumatra, arrives at the I. of Nicobar, where he stays ashore, and the Ship departs. 471.*

XVIII. *He stands over from thence in an open Boat to Passange Jonca; and thence to Achin; and after several Travverses comes to Bencouli, all on the I. of Sumatra. 491.*

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XX. *His departure thence to the I. Santa Hellena, and Arrival in the Downs. 537.*

The Author's Departure from England.

I
An. 1679

Mr. William Dampier's
V O Y A G E
ROUND THE
Terrestrial Globe.

The Introduction.

The Authors Departure from England, and arrival in Jamaica. His first going over the Isthmus of America into the South Seas : his Coasting along Peru and Chili, and back again, to his parting with Captain Sharp near the Isle of Plata, in order to return over Land.

I First set out of *England* on this Voyage, at the beginning of the year 1679, in the *Loyal Merchant* of London, bound for *Jamaica*, Captain *Knappman*

Mr

An. 1679 *man* Commander. I went a Passenger, designing when I came thither, to go from thence to the Bay of *Campeachy*, in the Gulph of *Mexico*, to cut Log-wood: where in a former Voyage I had spent about three years in that employ; and so was well acquainted with the place and the work.

We sailed with a prosperous gale without any impediment, or remarkable passage in our Voyage: unless that when we came in sight of the Island *Hispaniola*, and were coasting along on the South side of it, by the little Isles of *Vacca*, or *Ash*, I observed Captain *Knapman* was more vigilant than ordinary, keeping at a good distance off shore, for fear of coming too near those small low Islands; as he did once, in a voyage from *England*, about the year 1673, losing his Ship there, by the carelessness of his Mates. But we succeeded better; and arrived safe at *Port Royal* in *Jamaica* some time in *April* 1679, and went immediately ashore.

I had brought some goods with me from *England* which I intended to sell here, and stock my self with Rum and Sugar, Saws, Axes, Hats, Stockings, Shoes, and such other Commodities, as I knew would sell among the *Campeachy* Log-wood Cutters. Accordingly I sold my *English* Cargo at *Port Royal*; but upon some maturer considerations of my intended Voyage to *Campeachy*, I changed my thoughts of that design, and continued at *Jamaica* all that year, in expectation of some other business.

I shall not trouble the Reader with my Observations at that Isle, so well known to *English* men; nor with the particulars of my own Affairs during my stay there. But in short, having there made a purchase of a small Estate in *Dorsetshire*, near my Native Country of *Somerset*, of one whose Title to

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The Author's first entering the South Seas.

III

it I was well assured of, I was just embarking my self for England, about Christmas, 1679, when one Mr Hobby invited me to go first a short Trading Voyage to the Country of the Moskito's, of whom I shall speak in my first Chapter. I was willing to get up some money before my return, having laid out what I had at Jamaica; so I sent the Writing of my new purchase along with the same friends whom I should have accompanied to England, and went on board Mr Hobby.

Am. 1680

Soon after our setting out we came to an anchor again in Negril Bay, at the West end of Jamaica; but finding there Captain Coxen, Sawkins, Sharp, and other Privateers, Mr Hobby's men all left him to go with them, upon an expedition they had contrived, leaving not one with him beside my self: and being thus left alone, after 3 or 4 days stay with Mr Hobby, I was the more easily persuaded to go with them too.

It was shortly after Christmas 1679 when we set out. The first Expedition was to Portobel; which being accomplished, it was resolved to march by Land over the Isthmus of Darien, upon some new Adventures in the South Seas. Accordingly on the 5th of April 1680, we went ashore on the Isthmus, near Golden Island, one of the Sambaloes, to the number of between 3 and 400 men, carrying with us such Provisions as were necessary, and Toys wherewith to gratify the Wild Indians, through whose Country we were to pass. In about nine days march we arrived at Santa Maria, and took it, and after a stay there of about three days, we went on to the South Sea Coast, and there embarked our selves in such Canoas and Periago's as our Indian friends furnished us withal. We were in sight of Panama by the 23d of April, and having in vain attempted Puebla Nova, before which Sawkins, then

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An 1680 then Commander in chief, and others, were kill'd, we made some stay at the Neighbouring Isles of *Quibo*.

Here we resolv'd to change our course, and stand away to the Southward for the Coast of *Peru*. Accordingly we left the Keys or Isles of *Quibo* the 6th of *June*, and spent the rest of the year in that Southern course; for touching at the Isles of *Gorgonia* and *Plata*, we came to *Ylo*, a small Town on the Coast of *Peru*, and took it. This was in *October*, and in *November* we went thence to *Coquimbo* on the same Coast, and about *Christmas* were got as far as the Isle of *John Fernando*, which was the farthest of our Course to the Southward.

After *Christmas* we went back again to the Northward, having a design upon *Arica*, a strong Town advantageously situated in the hollow of the Elbow, or bending of the *Peruvian* Coast. But being there repuls'd with great loss, we continued our course Northward, till by the middle of *April* we were come in sight of the Isle of *Plata*, a little to the Southward of the Equinoctial Line.

I have related this part of my Voyage thus summarily and concisely, as well because the World hath Accounts of it already, in the relations that *Mr Ringrose* and others have given of *Captain Sharp's* Expedition, who was made chief Commander, upon *Sawkins's* being kill'd: as also, because in the prosecution of this Voyage I shall come to speak of these parts again, upon occasion of my going the second time into the *South Seas*: and shall there describe at large the places both of the *North*, and *South America*, as they occurred to me. And for this reason, that I might avoid needless Repetitions, and hasten to such particulars, as the Publick hath hitherto had no account of, I have chosen to comprize the Relation

His Company disagree.

VVI

Relation of my Voyage hitherto in this short compass, and place it as an Introduction before the rest, that the Reader may the better perceive where I mean to begin to be Particular; for there I have plac'd the Title of my first Chapter.

All therefore that I have to add to the Introduction, is this: That while we lay at the Isle of *John Fernando*, Captain *Sharp* was, by general consent, displaced from being Commander; the Company being not satisfied either with his Courage or Behaviour. In his stead, Captain *Watling* was advanced: but he being killed shortly after before *Arica*, we were without a Commander during all the rest of our return towards *Plata*. Now *Watling* being killed, a great number of the meaner sort began to be as earnest for choosing Captain *Sharp* again into the vacancy, as before they had been as forward as any to turn him out: And on the other side, the able and more experienced men, being altogether dissatisfied with *Sharp's* former Conduct, would by no means consent to have him chosen. In short, by that time we were come in sight of the Island *Plata*, the difference between the Contending Parties was grown so high, that they resolv'd to part Companies; having first made an Agreement, that which Party soever should, upon Polling, appear to have the Majority, they should keep the Ship: And the other should content themselves with the Lanch or Long-boat, and Canoas, and return back over the Isthmus, or go to seek their fortune other ways, as they would.

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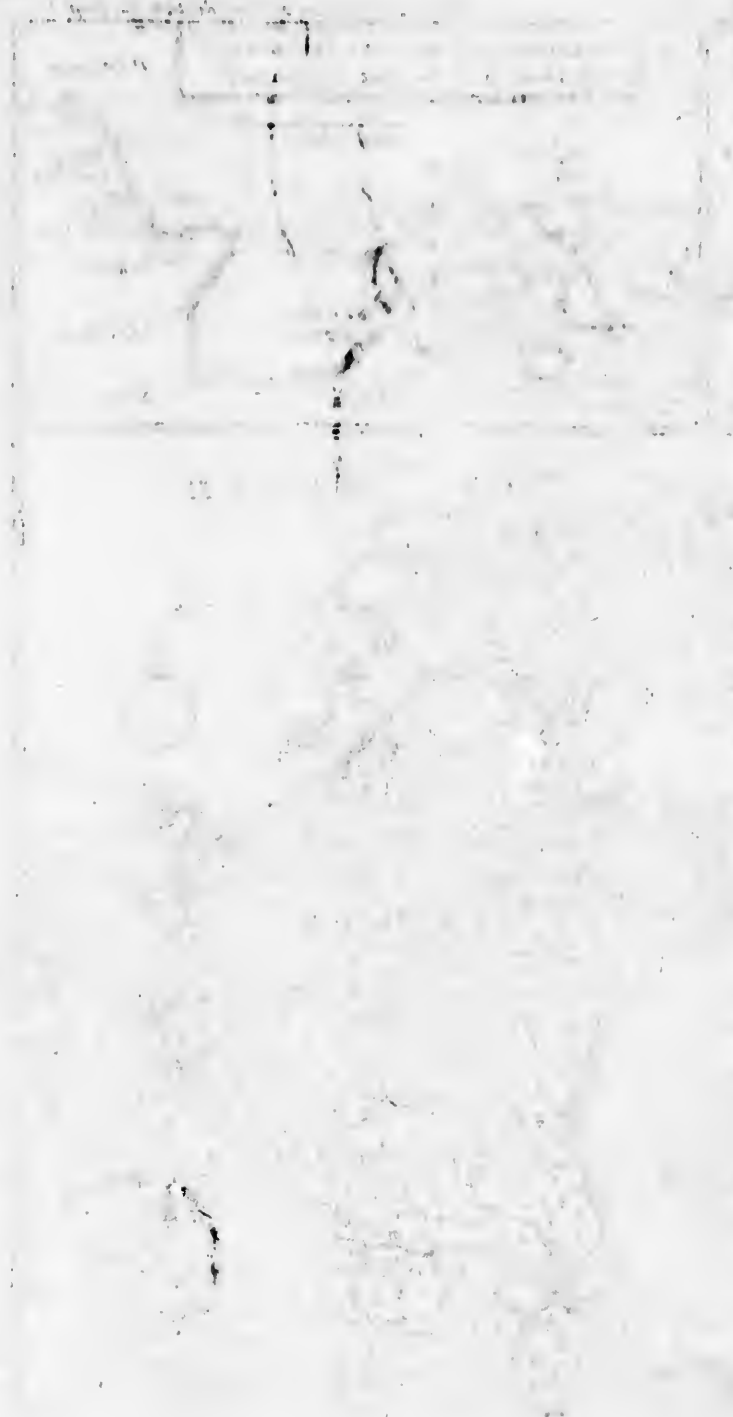
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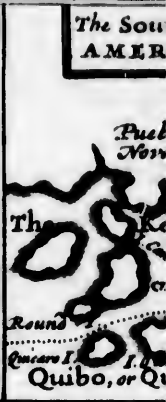
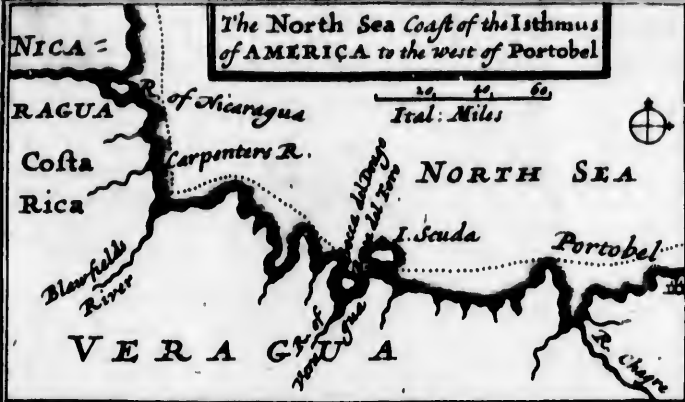
An. 1681 Accordingly we put it to the Vote; and upon dividing, Captain *Sharp's* party carried it. I, who had never been pleased with his management, though I had hitherto kept my mind to my self, now declared my self on the side of those that were out-voted; and according to our agreement, we took our shares of such Necessaries, as were fit to carry over Land with us, (for that was our Resolution :) and so prepared for our Departure.

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CHAP. I.

An Account of the Author's Return out of the South Seas, to his Landing near Cape St. Lawrence, in the Isthmus of Darien: With an Occasional Description of the Moskito Indians.

APril the 17th 1681. about Ten a Clock in the morning, being 12 leagues N. W. from the Island *Plata*, we left Captain *Sharp*, and those who were willing to go with him in the Ship, and imbarqued into our Lanch and Canoas, designing for the River of *Sancta Maria*, in the Gulf of *St. Michael*, which is about 200 leagues from the Ile of *Plata*. We were in number 44 white Men who bore Arms, a Spanish Indian, who bore Arms also; and two Moskito Indians, who al-

B

ways

An. 1681 ways bear Arms amongst the Privateers, and are much valued by them for striking Fish, and Turtle or Tortoise, and Manatee or Sea-Cow; and 5 Slaves taken in the South Seas, who fell to our share.

The Craft which carried us was a Lanch, or Long Boat, one Canoa, and another Canoa which had been sawn afunder in the middle, in order to have made Bumkins, or Vessels for carrying water, if we had not separated from our Ship. This we joyned together again and made it tight; providing Sails to help us along: And for 3 days before we parted, we sifted so much Flower as we could well carry, and rubb'd up 20 or 30 pound of Chocolate with Sugar to sweeten it; these things and a Kettle the Slaves carried also on their backs after we landed. And because there were some who designed to go with us that we knew were not well able to march, we gave out, that if any man faultred in the Journey over Land he must expect to be shot to death; for we knew that the Spaniards would soon be after us, and one man falling into their hands might be the ruin of us all, by giving an account of our strength and condition: yet this would not deter them from going with us. We had but little Wind when we parted from the Ship; but before 12 a Clock the Sea-breeze came in strong, which was like to founder us before we got in with the shore; for our security therefore, we cut up an old dry Hide that we brought with us, and barricadoed the Lanch all round with it to keep the water out. About 10 a clock at night we got in about 7 leagues to windward of Cape Passao under the line, and then it proved calm; and we lay and drove all night, being fatigued the preceeding day. The 18th day we had little wind till the afternoon; and then we made sail, standing along the shore to the Northward, having the wind at S. S. W. and fair weather.

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At 7 a clock we came a brest of Cape *Passao*, and found a small Bark at an Anchor in a small Bay to Leeward of the Cape, which we took, our own Boats being too small to transport us. We took her just under the Equinoctial Line, she was not only a help to us, but in taking her we were safe from being descried: We did not design to have meddled with any when we parted with our Conforts, nor to have seen any if we could have helped it. The Bark came from *Gallio* laden with Timber, and was bound for *Guiaquill*.

The 19th day in the morning we came to an anchor about 12 leagues to the Southward of Cape *St. Francisco*, to put our new Bark into a better trim. In 3 or 4 hours time we finished our business, and came to sail again, and steered along the Coast with the Wind at S. S. W. intending to touch at *Gorgonia*.

Being to the Northward of Cape *St. Francisco* we met with very wet weather; but the Wind continuing we arrived at *Gorgonia* the 24th day in the morning, before it was light: we were afraid to approach it in the day time, for fear the *Spaniards* should lye there for us, it being the place where we careened lately, and where they might expect us.

When we came ashore we found the *Spaniards* had been there to seek after us, by a House they had built, which would entertain 100 Men, and a great Cross before the Door. This was token enough that the *Spaniards* did expect us this way again; therefore we examined our Prisoners if they knew any thing of it, who confessed they had heard of a *Pereago* (or large Canoa) that rowed with 14 Oars, which was kept in a River on the Main, and once in 2 or 3 days came over to *Gorgonia* purposely to see for us; and that having discovered us, she was to make all speed to *Panama* with the news; where they had 3 Ships ready to send after us.

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An. 1681

The Author's Return out of the South Seas,

We lay here all the day, and scrubb'd our new Bark, that if ever we should be chased we might the better escape: we fill'd our Water, and in the evening went from thence, having the Wind at S. W. a brisk gale.

The 25th day we had much Wind and Rain, and we lost the Canoa that had been cut and was join'd together; we would have kept all our Canoas to carry us up the River, the Bark not being so convenient.

The 27th day we went from thence with a moderate gale of Wind at S. W. In the afternoon we had excessive Showers of Rain.

The 28th day was very wet all the morning; betwixt 10 and 11 it cleared up, and we saw two great Ships about a league and half to the Westward of us, we being then two leagues from the shore, and about 10 leagues to the Southward of point *Garachina*. These Ships had been cruising between *Gorgonia* and the Gulf 6 months: but whether our Prisoners did know it I cannot tell.

We presently furled our Sails, and rowed in close under the shore, knowing that they were Cruisers; for if they had been bound to *Panama* this Wind would have carried them thither; and no Ships bound from *Panama* come on this side the Bay, but keep the North side of the Bay till as far as the Keys of *Quibo* to the Westward; and then if they are bound to the Southward they stand over and may fetch *Galleo*, or betwixt it and *Cape St. Francisco*.

The Glare did not continue long before it rained again, and kept us from the sight of each other: but if they had seen and chased us, we were resolved to run our Bark and Canoas ashore, and take our selves to the Mountains, and travel over Land; for we knew that the *Indians* which lived in these parts never had any Commerce with the *Spaniards*; so we might have had a chance for our Lives.

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And Account of the Moskito Indians.

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The 29th day, at 9 a clock in the morning, we came to an anchor at Point *Garrachina*, about 7 leagues from the Gulf of *St. Michael*, which was the place where we first came into the South Seas, and the way by which we designed to return.

Here we lay all the day, and went ashore and dried our Cloaths, clean'd our Guns, dried our Ammunition, and fixt our selves against our Enemies, if we should be attack'd; for we did expect to find some opposition at Landing: we likewise kept a good Look-out all the day, for fear of those two Ships that we saw the day before.

The 30th day in the morning at 8 a clock we came into the Gulf of *St. Michael's* mouth; for we put from Point *Garrachina* in the Evening, designing to have reach'd the Islands in the Gulf before day; that we might the better work our design upon our Enemies, if we should find any of them waiting to stop our passage.

About 9 a clock we came to an Anchor a mile without a large Island, which lyes 4 miles from the mouth of the River; we had other small Islands without us, and might have gone up into the River, having a strong tyde of flood, but would not adventure farther till we had lookt well about us.

We immediately sent a Canoa ashore on the Island, where we saw (what we always feared) a Ship at the mouth of the River, lying close by the shore, and a large Tent by it, by which we found it would be a hard task for us to escape them.

When the Canoa came aboard with this news, some of our men were a little disheartned; but it was no more than I ever expected.

Our care was now to get safe over land, seeing we could not land here according to our desire: Therefore before the tyde of flood was spent, we manned our Canoa and rowed again to the Island, to see if the Enemy was yet in motion. When we

An. 1681 came ashore we dispers'd our selves all over the Island, to prevent our Enemies from coming any way to view us; and presently after high-water we saw a small Canoa coming over from the Ship to the Island that we were on; which made us all get into our Canoa, and wait their coming; and we lay close till they came within Pistol-shot of us, and then being ready, we started out and took them. There were in her one White man and two *Indians*; who being examined, told us that the Ship which we saw at the Rivers mouth had lain there six months, guarding the River, waiting for our coming; that she had 12 Guns, and 150 Sea-men and Souldiers: that the Sea-men all lay aboard, but the Souldiers lay ashore in their Tent; that there were 300 men at the Mines, who had all small Arms, and would be aboard in two Tydes time. They likewise told us, that there were two Ships cruising in the Bay, between this place and *Gorgonia*; the biggest had 20 Guns and 200 men, the other 10 Guns, and 150 men: Besides all this, they told us that the *Indians* on this side the Country were our Enemies; which was the worst news of all. However we presently brought these Prisoners aboard, and got under sail, turning out with the Tyde of Ebb, for it was not convenient to stay longer there.

We did not long consider what to do; but intended to land that night, or the next day betimes; for we did not question but we should either get a good commerce with the *Indians*, by such toys as we had purposely brought with us, or else force our way through their Country, in spite of all their opposition: and we did not fear what the *Spaniards* could do against us, in case they should land and come after us. We had a strong Southerly Wind, which blew right in; and the Tyde of Ebb being far spent, we could not turn out.

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I perswaded them to run into the River of Congo, *An. 1681* which is a large River, about three leagues from the Islands where we lay; which with a Southerly Wind we could have done: and when we were got so high as the Tide flows, then we might have landed. But all the Arguments I could use were not of force sufficient to convince them that there was a large River so near us; but they would land somewhere, they neither did know how, where, nor when.

When we had rowed and towed against the Wind all night, we just got about Cape *St. Lorenzo* in the morning; and sailed about 4 miles farther to the Westward, and run into a small Creek within two Keys, or little Islands, and rowed up to the head of the Creek, being about a mile up, and there we landed, *May 1. 1681.*

We got out all our Provision and Cloaths, and then sunk our Vessel.

While we were landing, and fixing our Snap-facks to march, our *Moskito Indians* struck a plentiful dish of Fish, which we immediately dress, and therewith satisfy'd our hunger.

Having made mention of the *Moskito Indians*, it may not be amiss to conclude this Chapter with a short account of them. They are tall, well made, raw-boned, lusty, strong, and nimble of foot; long-visag'd, lank black hair, look stern, hard-favour'd, and of a dark Copper-colour Complexion. They are but a small Nation or Family, and not 100 men of them in number, inhabiting on the Main, on the North side, near Cape *Gratia Dios*; between Cape *Honduras* and *Nicaragua*. They are very ingenious at throwing the Lance, Filgig, Harpoon, or any manner of Dart, being bred to it from their Infancy; for the Children imitating their Parents, never go abroad without a Lance in their hands, which they throw at any object, till use hath

An. 1681 made them masters of the Art. Then they learn to put by a Lance, Arrow, or Dart; the manner is thus. Two Boys stand at a small distance, and Dart blunt stick at one another; each of them holding a small stick in his right hand, with which he strikes away that which was darted at him: As they grow in years they become more dexterous and courageous, and then they will stand a fair mark, to any one that will shoot Arrows at them; which they will put by with a very small stick, no bigger than the rod of a Fowling piece; and when they are grown to be men, they will guard themselves from Arrows, tho they come very thick at them, provided two do not happen to come at once. They have extraordinary good Eyes, and will descry a Sail at Sea farther, and see any thing better than we. Their chiefest employment in their own Country, is to strike Fish, Turtle or Manatee; the manner of which I describe elsewhere, Chap. 3. For this they are esteemed and coveted by all Privateers; for one or two of them in a Ship, will maintain 100 men: So that when we careen our Ships, we choose commonly such places, where there is plenty of Turtle or Manatee for these *Moskito* men to strike; and it is very rare to find Privateers destitute of one or more of them, when the Commander, or most of the men are *English*; but they do not love the *French*; and the *Spaniards* they hate mortally. When they come among Privateers, they get the use of Guns, and prove very good Marks-men: They behave themselves very bold in fight, and never seem to flinch nor hang back; for they think that the white men with whom they are, know better than they do when it is best to fight; and lest the disadvantage of their party be never so great, they will never yield nor give back while any of their party stand. I could never perceive any Religion nor any Ceremonies,

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or superstitious Observations among them, being ^{An. 1618} ready to imitate us in whatsoever they saw us do at any time. Only they seem to fear the Devil, whom they call *Wallelaw*; and they say, he often appears to some among them, whom our men commonly call their Priests, when they desire to speak with him on urgent business; but the rest know not any thing of him, nor how he appears, otherwise than as these Priests tell them. Yet they all say they must not anger him, for then he will beat them, and that sometimes he carries away these their Priests. Thus much I have heard from some of them who speak good *English*.

They marry but one Wife, with whom they live till death separates them. At their first coming together, the man makes a very small Plantation, for there is Land enough, and they may choose what spot they please. They delight to settle near the Sea, or by some River, for the sake of striking Fish, their beloved employment.

Far within Land there are other *Indians*, with whom they are always at War. After the man hath cleared a spot of Land, and hath Planted it, he seldom minds it afterward, but leaves the managing of it to his Wife, and he goes out striking: Sometimes he seeks only for Fish, at other times for Turtle, or Manatee, and whatever he gets he brings home to his Wife, and never stirs out to seek for more till it is all eaten. When hunger begins to bite, he either takes his Canoa and seeks for more game at Sea, or walks out into the Woods, and hunts about for Pecary, Warree, each a sort of Wild Hogs, or Deer; and seldom returns empty handed, nor seeks for any more so long as any of it lasts. Their Plantations are so small, that they cannot subsist with what they produce: for their largest Plantations have not above 20 or 30 Plantain-Trees, a bed of Yames and Potatoes, a bush
of

An. 1681 of Indian Pepper, and a small spot of Pine-apples; which last fruit is a main thing they delight in, for with these they make a sort of drink which our men call Pine-drink, much esteemed by these *Moskito's*, and to which they invite each other to be merry, providing Fish and Flesh also. Whoever of them makes of this Liquor treats his neighbours, making a little Canoa full at a time, and so enough to make them all drunk; and it is seldom that such Feasts are made, but the party that makes them hath some design, either to be revenged for some injury done him, or to debate of such differences as have happen'd between him and his neighbours, and to examine into the truth of such matters. Yet before they are warmed with drink they never speak one word of their grievances: and the women, who commonly know their husbands designs, prevent them from doing any injury to each other, by hiding their Lances, Harpoons, Bows and Arrows, or any other Weapon that they have.

These *Moskitoes* are in general very civil and kind to the *English*, of whom they receive a great deal of respect, both when they are aboard their Ships, and also ashore, either in *Jamaica*, or elsewhere, whither they often come with the Sea-men. We always humour them, letting them go any whither as they will, and return to their Country in any Vessel bound that way, if they please. They will have the management of themselves in their striking, and will go in their own little Canoa, which our men could not go in without danger of oversetting; nor will they then let any white man come in their Canoa, but will go a striking in it just as they please: All which we allow them. For should we cross them, tho' they should see Shoals of Fish, or Turtle, or the like, they will purposely strike their Harpoons and Turtle-irons aside, or so glance them as to kill nothing. They have no form

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of Government among them, but acknowledge the King of *England* for their Sovereign: They learn our Language, and they take the Governor of *Jamaica* to be one of the greatest Princes in the World.

While they are among the *English*, they wear good Cloaths, and take delight to go neat and tight; but when they return again to their own Country, they put by all their Cloaths, and go after their own Country fashion, wearing only a small piece of Linnen tyed about their waistes, hanging down to their knees.

C H A P. II.

The Author's Land Journey from the South to the North-Sea, over the Terra-Firma, or Isthmus of Darien.

Being landed, *May* the 1st, we began our march about 3 a Clock in the Afternoon, directing our course by our Pocket Compasses *N. E.* and having gone about 2 miles, we came to the foot of a hill where we built small Hurts and lay all night; having excessive Rains till 12 a Clock.

The 2d day in the morning having fair weather, we ascended the hill, and found a small *Indian* path, which we followed till we found it run too much Easterly, and then doubting it would carry us out of our way, we climb'd some of the highest Trees on the Hill, which was not meanly furnished with as large and tall Trees as ever I saw: At length we discovered some Houses in a Valley on the North side of the Hill, but it being steep could not

An. 1681 not descend on that side, but followed the small path which led us down the Hill on the East side, where we presently found several other *Indian Houses*. The first that we came to at the foot of the Hill, had none but women at home, who could not speak *Spanish*, but gave each of us a good Calabash or Shell full of Corn-drink. The other Houses had some men at home, but none that spoke *Spanish*; yet we made a shift to buy such food as their Houses or Plantations afforded, which we dress'd, and eat all together; having all sorts of our Provision in common, because none should live better than others, or pay dearer for any thing than it was worth. This day we had march'd 6 mile.

In the evening the Husbands of those women came home, and told us in broken *Spanish*, that they had been on board of the Guard Ship, which we fled from two days before, that we were now not above three mile from the mouth of the River of *Congo*, and that they could go from thence aboard the Guard Ship in half a Tydes time.

This evening we supped plentifully on Fowls and Pecary, a sort of Wild Hogs which we bought of the *Indians*; Yams, Patatoes, and Plantains served us for Bread, whereof we had enough. After Supper we agreed with one of these *Indians* to guide us a days march into the Country, towards the North side; he was to have for his pains a Hatchet, and his bargain was to bring us to a certain *Indians* habitation, who could speak *Spanish*; from whom we were in hopes to be better satisfied of our Journey.

The 3d day having fair weather, we began to stir betimes, and set out betwixt 6 and 7 a Clock, marching through several old ruined Plantations. This morning one of our men being tired gave us the slip. By 12 a Clock we had gone 8 mile, and arrived at the *Indians* house, who lived on the bank of the River *Congo*; and spake very good *Spanish*; to

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whom we declared the reason of this visit.

At first he seemed to be very dubious of entertaining any discourse with us, and gave very impertinent answers to the questions that we demanded of him; he told us he knew no way to the North side of the Country, but could carry us to *Cheapo* or to *Santa Maria*, which we knew to be *Spanish* Garrisons; the one lying to the Eastward of us, the other to the Westward: Either of them at least 20 miles out of our way. We could get no other answer from him, and all his discourse was in such an angry tone, as plainly declared he was not our friend. However, we were forced to make a virtue of necessity, and humour him, for it was neither time nor place to be angry with the *Indians*; all our lives lying in their hand.

We were now at a great loss, not knowing what course to take, for we tempted him with Beads, Money, Hatchets, Macheats, or long Knives; but nothing would work on him, till one of our men took a Sky-coloured Petticoat out of his bag and put it on his Wife, who was so much pleased with the Present, that she immediately began to chatter to her Husband, and soon brought him into a better humour. He could then tell us that he knew the way to the North side, and would have gone with us, but that he had cut his foot 2 days before, which made him incapable of serving us himself: But he would take care that we should not want a guide; and therefore he hired the same *Indian* who brought us hither, to conduct us 2 days march further for another Hatchet. The old man would have stayed us here all the day, because it rained very hard; but our business required more haste, our Enemies lying so near us; for he told us that he could go from his house aboard the Guard Ship in a Tydes time; and this was the 4th day since they saw us. So we marched 3 mile farther, and

An. 1681

and then built Hutts where we stayed all night ; it rained all the afternoon, and the greatest part of the night.

The 4th day we began our march betimes, for the forenoons were commonly fair, but much rain afternoon : tho whether it rained or shined it was much at one with us, for I verily believe we cross the Rivers 30 times this day ; the *Indians* having no paths to travel from one part of the Country to another, and therefore guiding themselves by the Rivers. We marched this day 12 miles, and then built our Hutts and lay down to sleep ; but we always kept two men on the watch ; otherwise our own Slaves might have knockt us on head while we slept. It rained violently all the afternoon, and most part of the night. We had much ado to kindle a fire this evening : our Hutts were but very mean and ordinary, and our Fire small, so that we could not dry our Cloaths, scarce warm our selves, and no sort of food for the Belly ; all which made it very hard with us. I confess these hardships quite expell'd the thoughts of an Enemy, for now having been 4 days in the Country, we began to have but few other cares than how to get Guides and Food ; the *Spaniards* were seldom in our thoughts.

The 5th day we set out in the morning betimes, and having travelled 7 miles in those wild pathless Woods, by 10 a clock in the morning we arrived at a young *Spanish Indian's* house, who had formerly lived with the Bishop of *Panama*. The young *Indian* was very brisk, spoke very good *Spanish*, and received us very kindly. This Plantation afforded us store of Provision, Yams, and Potatoes, but nothing of any flesh, beside two fat Monkeys we shot, part whereof we distributed to some of our Company, who were weak and sickly ; for others we got Eggs, and such refreshments as the *Indians* had, for we still provided for the sick and weak. We

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had a *Spanish Indian* in our Company, who first took *An. 1681*
 up Arms with Captain *Sawkins*, and had been with
 us ever since his death. He was perswaded to live
 here by the master of the house, who promised
 him his Sister in marriage, and to be assistant to
 him in clearing a Plantation; but we would not
 consent to part from him here, for fear of some trea-
 chery, but promised to release him in two or three
 days, when we were certainly out of danger of our
 Enemies. We stayed here all the Afternoon, and
 dried our Cloaths, and Ammunition, cleared our
 Guns, and provided our selves for a march the next
 morning.

Our Chyrurgeon *Mr. Wafer* came to a sad dis-
 aster here: Being drying his Powder, a careless fel-
 low passed by with his Pipe lighted, and set fire to
 his Powder; which blew up and scorch'd his Knee;
 and reduced him to that condition, that he was
 not able to march; wherefore we allowed him a
 slave to carry his things, being all of us the more
 concern'd at the accident, because lyable our selves
 every moment to misfortune, and none to look
 after us but him. This *Indian* Plantation was seated
 on the bank of the *River Congo*, in a very fat Soyl,
 and thus far we might have come in our Canoa,
 if I could have perswaded them to it.

The 6th day we set out again, having hired ano-
 ther guide. Here we first crost the *River Congo* in a
 Canoa, having been from our first Landing on the
 West side of the River, and being over, we march'd
 to the Eastwards 2 mile, and came to another
 river, which we forded several times, though it
 was very deep. Two of our men were not able to
 keep company with us, but came after us as they
 were able. The last time we forded the River, it
 was so deep, that our tallest men stood in the deep-
 est place, and handed the sick, weak, and short
 men; by which means we all got over safe, ex-
 cept

An. 1681 cept those two who were behind: Foreseeing a necessity of wading through Rivers frequently in our Land-march, I took care before I left the Ship, to provide my self a large Joint of Bambo, which I stopt at both ends, closing it with Wax, so as to keep out any Water. In this I preserved my Journal and other Writings from being wet, tho I was often forced to swim. When we were over this River, we sat down to wait the coming of our Conforts who were left behind, and in half an hour they came. But the River by that time was so high, that they could not get over it, neither could we help them over, but bid them be of good comfort, and stay till the River did fall: But we marched 2 mile farther by the side of the River, and there built our Hutts, having gone this day 6 miles. We had scarce finished our Hutts before the River rose much higher, and overflowing the Banks, obliged us to remove into higher ground: But the next night came on before we could build more Hutts, so we lay straggling in the Woods, some under one Tree, some under another, as we could find conveniency, which might have been indifferent comfortable if the weather had been fair; but the greatest part of the night we had extraordinary hard Rain, with much lightening and terrible claps of Thunder. These hardships and inconveniencies made us all careless, and there was no Watch kept, (tho I believe no body did sleep :) So our slaves taking opportunity, went away in the night; all but one, who was hid in some hole and knew nothing of their design, or else fell asleep. Those that went away carried with them, our Chyrurgeons Gun and all his Money.

The next morning being the 8th day, we went to the Rivers side, and found it much fallen; and here our Guide would have us ford it again, which being deep, and the current running swift we could

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A Journey over the Isthmus of America.

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not. Then we contrived to swim over; those that could not swim, we were resolved to help over as well as we could: But this was not so feasible: for we should not be able to get all our things over. At length we concluded to send one man over with a Line, who should hale over all our things first, and then get the men over. This being agreed on, one *George Gayny* took the end of a Line, and made it fast about his Neck, and left the other end ashore, and one man stood by the Line, to clear it away to him. But when *Gayny* was in the midst of the water, the Line in drawing after him chanc'd to kink, or grow entangled; and he that stood by to clear it away, stopt the Line, which turned *Gayny* on his back, and he that had the Line in his hand threw it all into the River after him, thinking he might recover himself; but the stream running very swift, and the man having three hundred Dollars at his back, was carried down, and never seen more by us. Those two men whom we left behind the day before, told us afterwards that they found him lying dead in a Creek, where the Eddy had driven him ashore, and the Money on his back; but they meddled not with any of it, being only in care how to work their way through a wild unknown Country. This put a period to that contrivance. This was the fourth man that we lost in this Land-Journey; for those two men that we left the day before did not come to us till we were in the *North Seas*, so we yielded them also for lost. Being frustrated of getting over the River this way, we lookt about for a Tree to fell across the River. At length we found one, which we cut down, and it reach'd clear over; on this we pass'd to the other side, where we found a small Plantain-walk, which we soon ransackt.

While we were busie getting Plantains our Guide was gone, but in less than two hours came to us again,

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An. 1681 again, and brought with him an old *Indian*, to whom he deliver'd up his charge; and we gave him a Hatchet and dismiss'd him, and entered our selves under the conduct of our new Guide: who immediately led us away, and cross another River, and enter'd into a large Valley of the fattest Land I did ever take notice of; the Trees were not very thick, but the largest that I saw in all my travels: We saw great tracks which were made by the Pecaries, but saw none of them. We march'd in this pleasant Country till 3 a clock in the afternoon, in all about 4 miles, and then arrived at the old mans Country-house, which was only a habitation for Hunting: there was a small Plantain-walk, some Yams and Potatoes. Here we took up our quarters for this day, and refreshed our selves with such food as the place afforded, and dryed our Cloaths and Ammunition. At this place our *Indian* provided to leave us, for now we thought our selves past danger. This was he that was perswaded to stay at the last house we came from, to marry the young mans Sister; and we dismiss'd him according to our promise.

The ninth day the old man conducted us towards his own habitation. We marched about 5 miles in this Valley; and then ascended a Hill, and travelled about 5 miles farther over two or three small Hills, before we came to any settlement. Half a mile before we came to the Plantations we light of a path, which carried us to the *Indians* habitations. We saw many wooden Crosses erected in the way, which created some jealousy in us that here were some *Spaniards*: Therefore we new primed all our Guns, and provided our selves for an Enemy; but coming into the Town found none but *Indians*, who were all got together in a large house to receive us: for the old man had a little boy with him that he sent before.

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They made us welcome to such as they had, *An. 1687*
which was very mean; for these were new Plantations, the Corn being not eared. Patatoes, Yams, and Plantains they had none, but what they brought from their old Plantations. There were none of them spoke good *Spanish*: Two young men could speak a little; it caused us to take more notice of them. To these we made a Present, and desired them to get us a Guide to conduct us to the North side, or part of the way, which they promised to do themselves, if we would reward them for it, but told us we must lye still the next day. But we thought our selves nearer the North sea than we were, and and propos'd to go without a Guide, rather than stay here a whole day. However some of our men who were tired resolv'd to stay behind; and Mr. *Waser* our Chirurgeon, who march'd in great pain ever since his Knee was burn'd with powder, was resolv'd to stay with them.

The tenth day we got up betimes resolv'ing to march, but the *Indians* oppos'd it as much as they could: but seeing they could not perswade us to stay, they came with us; and having taken leave of our friends, we set out.

Here therefore we left the Chirurgeon and two more, as we said, and march'd away to the Eastward, following our Guides. But we often look'd on our Pocket-Compasses, and shew'd them to the Guides, pointing at the way that we would go, which made them shake their heads, and say, they were pretty things, but not convenient for us. After we had descended the Hill on which the Town stood, we came down into a Valley, and guided our selves by a River, which we cross'd 22 times; and having march'd 9 miles, we built Huts, and lay there all night. This Evening I kill'd a *Quaum*, a large Bird as big as a Turkey; wherewith we treated our Guides, for we brought no Provision

An. 1681 with us. This night our last Slave run away.

The eleventh day we marched 10 mile farther, and built Hutts at night; but went supperless to bed.

The twelfth in the morning we crossed a deep River, passing over it on a Tree, and marched 7 mile in a low swampy ground, and came to the side of a great deep River, but could not get over. We built Hutts upon its Banks and lay there all night, upon our Barbecu's, or frames of Sticks, raised about 3 foot from the ground.

The thirteenth day, when we turned out, the River had overflowed its Banks, and was 2 foot deep in our Hutts, and our Guides went from us not telling us their intent, which made us think they were returned home again. Now we began to repent our haste in coming from the last settlements, for we had no food since we came from thence. Indeed we got Macaw-berries in this place, wherewith we satisfied our selves this day, though courfly.

The fourteenth day in the morning betimes, our Guides came to us again; and the Waters being fallen within their bounds, they carry'd us to a Tree that stood on the Bank of the River, and told us if we could fell that Tree cross it, we might pass; if not, we could pass no further. Therefore we set two of the best Ax-men that we had, who fell'd it exactly cross the River, and the bows just reached over; on this we passed very safe. We afterwards crossed another River three times, with much difficulty, and at 3 a Clock in the afternoon we came to an *Indian* settlement, where we met a drove of Monkeys, and kill'd 4 of them, and stay'd here all night; having marched this day 6 miles. Here we got Plantains enough, and a kind reception of the *Indian* that lived here all alone, except one boy to wait on him.

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The fifteenth day when we set out, the kind *Indian* and his boy went with us in a Canoa, and set us over such places as we could not ford: and being past those great Rivers, he returned back again, having helped us at least 2 mile. We marched afterwards 5 mile, and came to large Plantain walks, where we took up our quarters that night; we there fed plentifully on Plantains, both ripe and green, and had fair weather all the day and night. I think these were the largest Plantains walks, and the biggest Plantains that ever I saw, but no house near them: We gathered what we pleased by our Guides orders.

The sixteenth day we marched 3 mile, and came to a large settlement, where we abode all day: Not a man of us but wisht the Journey at an end; our Feet being blistered, and our Thighs stript with wading through so many Rivers; the way being almost continually through Rivers, or pathless Woods. In the afternoon five of us went to seek for game, and kill'd 3 Monkeys, which we drest for Supper. Here we first began to have fair Weather, which continued with us till we came to the North Seas.

The eighteenth day we set out at 10 a Clock; and the *Indians* with 5 Canoas carried us a league up River; and when we landed the kind *Indians* went with us and carried our burthens. We marched 3 mile farther and then built our Hutts, having travelled from the last settlements 6 miles.

The nineteenth day our Guides lost their way, and we did not march above 2 miles.

The twentieth day by 12 a Clock we came to *Cheapo* River. The Rivers we cross hitherto run all to the South Seas; and this of *Cheapo* was the last we met with that run that way. Here an old man who came from the last settlements, distributed his burthen of Plantains amongst us, and taking his leave returned home. Afterward we forded the River

An. 1681 and marched to the foot of a very high Mountain, where we lay all night. This day we marched about 9 miles.

The 21st day some of the *Indians* returned back, and we marched up a very high mountain; being on the top, we went some miles on a ridge, and sleep on both sides; then descended a little, and came to a fine Spring, where we lay all night, having gone this day about 9 miles, the weather still very fair and clear.

The 22d day we marched over another very high Mountain, keeping on the ridge 5 miles. When we came to the North end, we, to our great comfort, saw the Sea; then we descended and parted our selves into 3 Companies, and lay by the side of a River, which was the first we met that runs into the North Sea.

The 23d day we came through several large Plantain walks, and at 10 a Clock, came to an *Indians* habitation, not far from the *North Sea*. Here we got Canoas to carry us down the River *Conception* to the Sea side; having gone this day about 7 miles. We found a great many *Indians* at the mouth of this River: They had settled themselves here for the benefit of Trade with the Privateers; and their Commodities were Yams, Potatoes, Plantains, Sugar, Cakes, Fowls, and Eggs.

These *Indians* told us, that there had been a great many *English* and *French* Ships here, which were all gone but one *Barco-longo*, a *French* Privateer that lay at *La Sound's* Key or Island. This Island is about 3 leagues from the mouth of the River *Conception*, and is one of the *Samballoes*, a range of Islands reaching for about 20 leagues, from point *Samballas* to *Gol-den-Island* Eastward. These Islands or Keys, as we call them, were first made the Rendezvous of Privateers in the year 1679, being very convenient for careening, and had names given to some of

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La-Sound's Key particularly.

Thus we finished our Journey from the *South Sea* to the *North* in 23 days; in which time by my account, we travelled 110 miles, crossing some very high Mountains; but our common march was in the Valleys among deep and dangerous Rivers. At our first landing in this Country, we were told that the *Indians* were our Enemies; we knew the Rivers to be deep, the wet season to be coming in; yet excepting those we left behind, we lost but one man, who was drowned as I said. Our first landing place on the South Coast was very disadvantageous, for we travelled at least 50 miles more than we need to have done, could we have gone up *Cheapo River*, or *Santa Maria River*; for at either of these places a man may pass from Sea to Sea in 3 days time with ease. The *Indians* can do it in a day and a half, by which you may see how easy it is for a party of men to travel over. I must confess the *Indians* did assist us very much, and I question whether ever we had got over without their assistance, because they brought us from time to time to their Plantations, where we always got Provision, which else we should have wanted. But if a party of 500, or 600 men, or more, were minded to travel from the *North* to the *South Seas*, they may do it without asking leave of the *Indians*; though it be much better to be friends with them.

On the 24th of *May*, (having lain one night at the Rivers mouth) we all went on board the Privateer, who lay at *La Sound's Key*. It was a *French Vessel*, Captain *Tristian* Commander. The first thing we did was to get such things as we could to gratifie our *Indian Guides*, for we were resolved to reward them to their hearts content. This we did by giving them Beads, Knives, Sciffars, and Looking-glasses, which we bought of the Privateers Crew;

An. 1688 and half a Dollar a man from each of us ; which we would have bestowed in goods also, but could not get any, the Privateer having no more toys. They were so well satisfy'd with these, that they return'd with joy to their friends; and were very kind to our Consorts whom we left behind; as Mr. *Waser* our Chyrurgeon and the rest of them told us, when they came to us some months afterwards, as shall be said hereafter.

I might have given a further account of several things relating to this Country; the *In-land* parts of which are so little known to the *Europeans*. But I shall leave this province to Mr. *Waser*, who made a longer abode in it than I; and is better able to do it than any man that I know; and is now preparing a particular Description of this Country for the Press.

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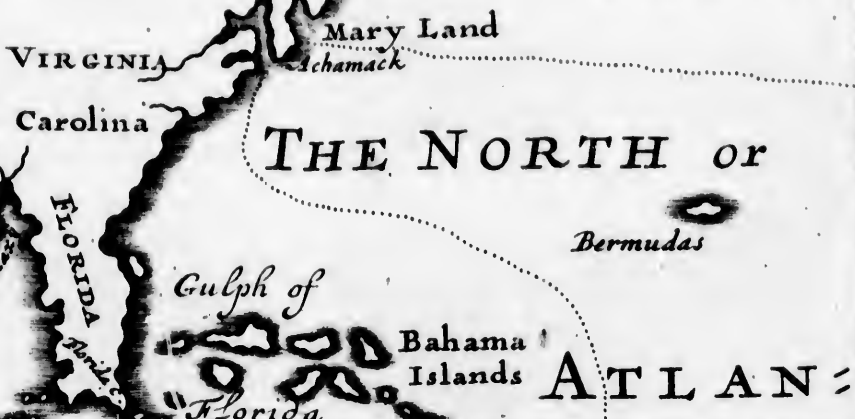


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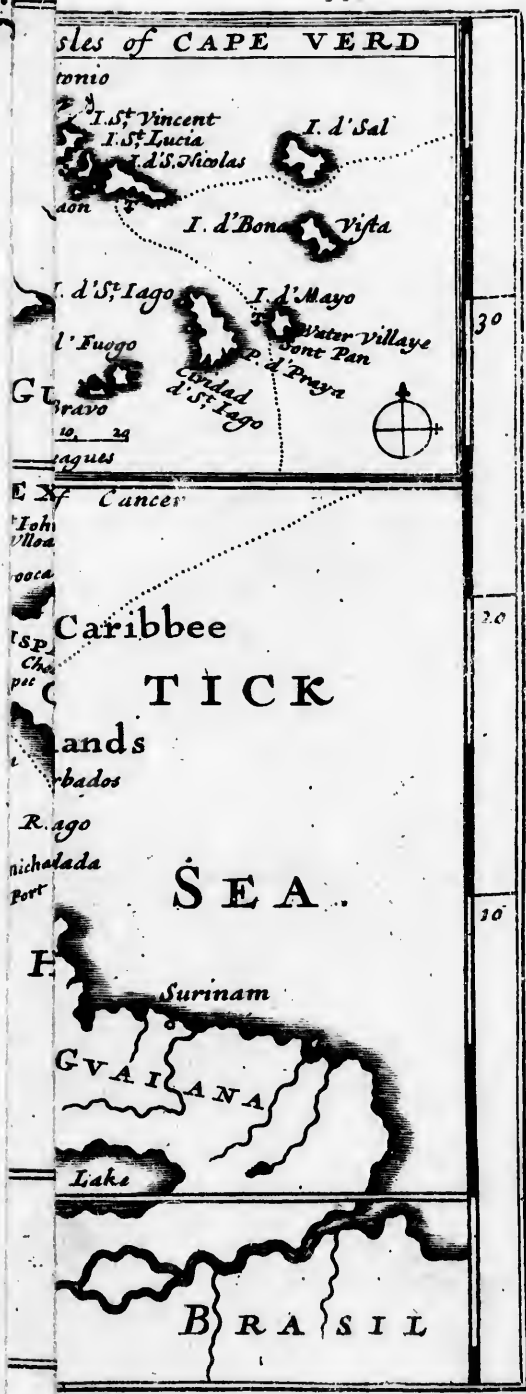
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C H A P. III.

The Authors cruising with the Privateers in the North Seas on the West-India Coast. They go to the Isle of St. Andreas. Of the Cedars there. The Corn-Islands, and their Inhabitants. Blewfields River, and an Account of the Manatee there, or Sea-Cow; with the manner how the Moskito Indians kill them, and Tortoise, &c. The Maho-tree. The Savages of Bocca-toro. He touches again at Point Samballas, and its Islands. The Groves of Sapadillaes there, the Soldier-Insect, and Manchaneel Tree. The River of Darjen, and the Wild Indians near it; Monastery of Madre de Popa, Rio Grande, Santa Martha Town, and the high Mountain there; Rio la Hacha Town, Rancho Reys, and Pearl-Fishery there; the Indian Inhabitants and Country. Dutch Isle of Querisao, &c. Count D'Estree's unfortunate Expedition thither. Isle of Bon-Airy. Isle of Aves, the Booby, and Man of War Bird: The Wreck of D'Estree's Fleet, and Captain Pain's Adventure here. Little Isle of Aves. The Isles Roca's; the Noddy and Tropic Bird, Mineral Water, Egg-Birds; the Mangrove Trees, black, red, and white. Isle of Tortuga, its Salt-Ponds. Isle of Blanco; the Guano Animal, their Variety; and the best Sea-Tortoise. Modern Alterations in the West-Indies. The Coast of Caraccus, its remarkable

An. 1681

markable Land, and Product of the best Cacao Nuts. The Cacao described at large, with the Husbandry of it. City of Caraccos. La Guiare Fort and Haven. Town of Comana. Verina, its famous best Spanish Tobacco. The rich Trade of the Coast of Caraccos. Of the Sucking Fish, or Remora. The Authors Arrival in Virginia.

THE Privateer on board which we went being now clean'd, and our Indian Guides thus satisfy'd and set ashore, we set sail in two days for Springer's Key, another of the Samballoe's Isles, and about 7 or 8 leagues from La Sound's Key. Here lay 8 sail of Privateers more, viz.

Capt. Coxon, 10 Guns, 100 Men.	} English Commanders and Englishmen.
Capt. Payne, 10 Guns, 100 Men.	
Capt. Wright, a Barcolongo	
4 Guns, 40 Men.	
Capt. Williams, a small Barcolongo	} French Commanders and Men.
Capt. Yankes a Barco-longo 4 Guns, about 60 Men, English, Dutch, and French; himself a Dutchman.	
Capt. Archemboe, 8 Guns, 40 Men.	
Capt. Tucker, 6 Guns, 70 Men.	
Capt. Rose, a Barco-longo.	

An hour before we came to the Fleet, Captain Wright, who had been sent to Chagra River, arrived at Springer's Key, with a large Canoa or Pereago laden with Flower, which he took there. Some of the Prisoners belonging to the Pereago, came from Panama not above 6 days before he took her, and told the news of our coming over land, and likewise related the condition and strength of Panama, which was the main thing they enquired after; for Captain Wright was sent thither purposely to get a Prisoner that was able to inform them of the strength of that City, because these Privateers designed to joyn all their force, and by the assistance

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of the *Indians*, (who had promised to be their Guides) *Am. 1681*
 to march over land to *Panama*; and there is no other way of getting Prisoners for that purpose, but by absconding between *Chagra* and *Portabell*; because there are much Goods brought that way from *Panama*; especially when the *Armado* lyeth at *Portabell*. All the Commanders were aboard of Captain *Wright* when we came into the Fleet; and were mighty inquisitive of the Prisoners to know the truth of what they related concerning us. But as soon as they knew we were come, they immediately came aboard of Captain *Tristian*, being all overjoy'd to see us, for Captain *Coxon*, and many others, had left us in the *South Seas* about 12 months since, and had never heard what became of us since that time. They enquired of us what we did there? how we lived? how far we had been? and what discoveries we made in those Seas? After we had answered these general questions, they began to be more particular, in examining us concerning our passage through the Country from the *South Seas*. We related the whole matter, giving them an account of the fatigues of our march, and the inconveniencies we suffered by the rains; and disheartned them quite from that design.

Then they propos'd several other places where such a party of men as were now got together might make a Voyage; but the objections of some or other still hinder'd any proceeding: For the Privateers have an account of most Towns within 20 leagues of the Sea, on all the Coast from *Trinidado* down to *La Vera Cruz*; and are able to give a near guess of the strength and riches of them: For they make it their business to examine all Prisoners that fall into their hands, concerning the Country, Town, or City that they belong to; whether born there, or how long they have known it? how many families? whether most *Spaniards*? or whether the

An. 1681 the major part are not Copper-colour'd, as *Mulattoes*, *Mustefoes*, or *Indians*? whether rich, and what their riches do consist in? and what their chiefest manufactures? If fortified, how many great Guns, and what number of small Arms? Whether it is possible to come undescried on them? How many Look-outs or Centinels? for such the *Spaniards* always keep; and how the Look-outs are placed? Whether possible to avoid the Look-outs, or take them? If any River or Creek comes near it, or where the best Landing? with innumerable other such questions, which their curiosities lead them to demand. And if they have had any former discourse of such places from other Prisoners, they compare one with the other; then examine again, and enquire if he or any of them, are capable to be Guides to conduct a party of men thither: if not, where and how any Prisoner may be taken that may do it; and from thence they afterwards lay their Schemes to prosecute whatever design they take in hand.

It was 7 or 8 days after before any resolution was taken, yet consultations were held every day. The *French* seem'd very forward to go to any Town that the *English* could or would propose, because the Governour of *Petit-Guavos* (from whom the Privateers take Commissions) had recommended a Gentleman lately come from *France* to be General of the Expedition; and sent word by Captain *Tucker*, with whom this Gentleman came, that they should, if possible, make an attempt on some Town before he return'd again. The *English*, when they were in company with the *French*, seem'd to approve of what the *French* said, but never look'd on that General to be fit for the service in hand.

At length it was concluded to go to a Town, the name of which I have forgot; it lieth a great way in the Country, but not such a tedious march as it would be from hence to *Panama*. Our way to it
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lay up *Carpenter's River*, which is about 60 leagues ^{An. 1681} to the Westward of *Portabell*. Our greatest obstruction in this design was our want of Boats: Therefore it was concluded to go with all our Fleet to *St. Andreas*, a small uninhabited Island, lying near the Isle of *Providence*, to the Westward of it, in 13 Deg. 15 Min. North Lat. and from *Portabell* N. N. W. about 70 leagues; where we should be but a little way from *Carpenter's River*. And besides, at this Island we might build Canoes, it being plentifully stored with large Cedars for such a purpose; and for this reason the *Jamaica*-men come hither frequently to build Sloops; Cedar being very fit for building, and it being to be had here at free-cost, beside other Wood. *Jamaica* is well stored with Cedars of its own, chiefly among the Rocky Mountains: these also of *St. Andreas* grow in stony ground, and are the largest that ever I knew or heard of; the Bodies alone being ordinarily 40 or 50 foot long, many 60 or 70, and upwards, and of a proportionable bigness. The *Bermudas* Isles are well stored with them; so is *Virginia*, which is generally a sandy soil. I saw none in the *East Indies*, nor in the South Sea Coast, except on the Isthmus as I came over it. We reckon the *Pereago's* and *Canoe's* that are made of Cedar to be the best of any; they are nothing but the Tree itself made hollow Boat-wise, with a flat bottom, and the *Canoe* generally sharp at both ends, the *Pereago* at one only, with the other end flat. But what is commonly said of Cedar, that the Worm will not touch it, is a mistake, for I have seen of it very much worm-eaten.

All things being thus concluded on, we sailed from hence, directing our course toward *St. Andreas*. We kept company the first day, but at night it blew a hard gale at N. E. and some of our Ships bore away: The next day others were forced to leave us, and the second night we lost all our company. I

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An. 1681 was now belonging to Captain *Archembo*, for all the rest of the Fleet were over-mann'd: Captain *Archembo* wanting men, we that came out of the South Seas must either sail with him, or remain among the *Indians*. Indeed we found no cause to dislike the Captain; but his *French* Sea-men were the saddest creatures that I was ever among; for tho we had bad weather that requir'd many hands aloft, yet the biggest part of them never stirr'd out of their Hammocks, but to eat or ease themselves. We made a shift to find the Island the fourth day, where we met Captain *Wright*, who came thither the day before; and had taken a *Spanish* Tartan, wherein were 30 men, all well armed: She had 4 Patereroes, and some long Guns placed in a Swivel on the Gunnel. They fought an hour before they yielded. The news they related was, that they came from *Cartagena* in company of 11 Armadilloes (which are small Vessels of War) to seek for the Fleet of Privateers lying in the *Sambaloes*: that they parted from the Armadilloes 2 days before: that they were order'd to search the *Sambaloes* for us, and if they did not find us, then they were order'd to go to *Portabell* and lye there till they had farther intelligence of us; and he supposed these Armadilloes to be now there.

We that came over Land out of the *South Seas* being weary of living among the *French*, desired Captain *Wright* to fit up his Prize the Tartan, and make a Man of War of her for us, which he at first seem'd to decline; because he was settled among the *French* on *Hispaniola*, and was very well beloved both by the Governor of *Petit-Guarvos*, and all the Gentry; and they would resent it ill, that Captain *Wright* who had no occasion of Men, should be so unkind to Captain *Archembo*, as to seduce his Men from him; he being so meanly mann'd that he could hardly sail his Ship with his *Frenchmen*. We told

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For all the Captain *Archembo*, but would go ashore there, and build Canoas to transport our selves down to the *Moskitoes*, if he would not entertain us; for Privateers are not obliged to any Ship, but free to go ashore where they please, or to go into any other Ship that will entertain them, only paying for their Provision.

When Captain *Wright* saw our resolutions, he agreed with us on condition we should be under his command, as one Ships Company, to which we unanimously consented.

We staid here about 10 days, to see if any more of our Fleet would come to us; but there came no more of us to the Island but three, viz. Captain *Wright*, Captain *Archembo*, and Captain *Tucker*. Therefore we concluded the rest were bore away ether for *Bocca-toro*, or *Bluefield's* River on the Main; and we designed to seek them. We had fine weather while we lay here, only some Tornadoes, or Thunder-showers: But in this Isle of *St. Andreas* there being neither Fish, Fowl, nor Deer, and it being therefore but an ordinary place for us, who had but little Provision, we sailed from hence again in quest of our scattered Fleet, directing our course for some Islands lying near the Main, called by the Privateers the *Corn-Islands*; being in hopes to get born there. These Islands I take to be the same which are generally called in the Maps the *Pearl Islands*, lying about the Lat. of 12 D. 10 M. North. Here we arrived the next day, and went ashore on one of them, but found none of the Inhabitants; there are but a few, poor, naked *Indians* that live here; who have been so often plundered by the Privateers that they have but little Provision; and when they see a Sail they hide themselves; otherwise Ships that come here would take them, and make Slaves of them; and I have seen some of them that have been Slaves. They are people of a mean

An. 1681 mean Stature, yet strong Limbs; they are of a dark copper colour, black Hair, full round Faces, small black Eyes, their Eye-brows hanging over their Eyes; low Foreheads, short thick Noses, not high, but flattish; full Lips, and short Chins. They have a



fashion to cut holes in the Lips of the Boys when they are young, close to their Chin; which they keep open with little Pegs till they are 14 or 15 years old: then they wear Beards in them, made of Turtle or Tortoise-shell, in the form you see in the Margin. The little notch at the upper end they put in through the Lip, where it remains between the Teeth and the Lip.

The under part hangs down over their Chin. This they commonly wear all day, and when they sleep they take it out. They have likewise holes bored in their Ears, both Men and Women, when young, and by continual stretching them with great Pegs they grow to be as big as a Mill'd Five Shilling piece. Herein they wear pieces of Wood cut very round and smooth; so that their Ear seems to be all Wood with a little Skin about it. Another Ornament the Women use is about their Legs, which they are very curious in; for from the Infancy of the Girl their Mothers make fast a piece of Cotton Cloth about the small of their Leg, from the Ankle to the Calf, very hard; which makes them have a very full Calf: this the Women wear to their dying day. Both Men and Women go naked, only a Clout about their Wastes; yet they have but little Feet, though they go barefoot. Finding no Provisions here, we sailed toward Bluefield River, where we careened our Tartane; and there Captain Archer and Captain Tucker left us, and went towards Boca

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This *Blewfields* River comes out between the Rivers of *Nicaragua* and *Veragua*. At its mouth is a fine sandy Bay, where Barks may clean: It is deep at its mouth, but a shoal within; so that Ships may not enter, yet Barks of 60 or 70 Tuns may. It had this name from Captain *Blewfield*, a famous Privateer living on *Providence* Island long before *Jamaica* was taken. Which Island of *Providence* was settled by the *English*, and belonged to the Earls of *Warwick*.


In this River we found a Canoa coming down the stream; and though we went with our Canoas to seek for Inhabitants, yet we found none, but saw in 2 or 3 places signs that *Indians* had made on the side of the River. The Canoa which we found was but meanly made for want of Tools, therefore we concluded these *Indians* have no commerce with the *Spaniards*, nor with other *Indians* that have.

While we lay here, our *Moskito* men went in their Canoa, and struck us some *Manatee*, or Sea-cow. Besides this *Blewfields* River, I have seen of the *Manatee* in the Bay of *Campechy*, on the Coasts of *Bocca del Drago*, and *Bocco del Fero*, in the River of *Darien*, and among the South Keys or little Islands of *Cuba*. I have heard of their being found on the North of *Jamaica*, a few, and in the Rivers of *Surinam* in great multitudes, which is a very low Land. I have seen of them also at *Mindanae* one of the *Philippine* Islands, and on the Coast of *New-Holland*. This Creature is about the bigness of a Horse, and 10 or 12 foot long. The mouth of it is much like the mouth of a Cow, having great thick lips. The Eyes are no bigger than a small Pea, the Ears are only two small holes on each side of the Head. The Neck is short and thick, bigger than the Head. The biggest part of this Creature is at the Shoulders, where it hath two large Fins, one on each side of its Belly. Under each of these Fins the Female hath a small Dug to suckle her young. From the

An. 1682: Shoulders towards the Tail it retains its bigness for about 2 foot, then groweth smaller and smaller to the very tail, which is flat, and about 14 inches broad, and 20 inches long, and in the middle 4 or 5 inches thick, but about the edges of it not above 2 inches thick. From the head to the tail it is round and smooth without any Fin but those two before mentioned. I have heard that some have weighed above 1200 *l.* but I never saw any so large. The Manatee delights to live in brackish Water; and they are commonly in Creeks and Rivers near the Sea. 'Tis for this reason possibly they are not seen in the *South Seas* (that ever I could observe) where the Coast is generally a bold Shore, that is, high Land and deep Water close home by it, with a high Sea or great Surges; except in the Bay of *Panama*: yet even there is no Manatee. Whereas the *West-Indies*, being, as it were, one great Bay composed of many smaller, are mostly low Land and shoal Water, and afford proper pasture (as I may say) for the Manatee. Sometimes we find them in salt Water, sometimes in fresh; but never far at Sea. And those that live in the Sea at such places where there is no River nor Creek fit for them to enter, yet do commonly come once or twice in 24 hours to the mouth of any fresh Water River that is near their place of abode. They live on Grasse 7 or 8 inches long, and of a narrow blade, which grows in the Sea in many places, especially among Islands near the Main. This Grasse groweth likewise in Creeks, or in great Rivers, near the sides of them, in such places where there is but little tide or current. They never come ashore, nor into shallower water than where they can swim. Their flesh is white, both the fat and the lean, and extraordinary sweet wholesome meat. The tail of a young Cow is most esteemed; but if old, both head and tail are very tough. A Calf that sucks is the most delicate meat;

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Privateers commonly roast them; as they do also *An. 1681*
 great pieces cut out of the Bellies of the old ones. 

The Skin of the Manatee is of great use to Privateers, for they cut them out into straps, which they make fast on the sides of their Canoas, through which they put their Oars in rowing, instead of tholes or pegs. The Skin of the Bull, or of the back of the Cow is too thick for this use; but of it they make Horse-whips, cutting them 2 or 3 foot long: at the handle they leave the full substance of the Skin, and from thence cut it away tapering, but very even and square all the four sides. While the Thongs are green they twist them, and hang them to dry; which in a weeks time become as hard as Wood. The *Moskito*-men have always a small Canoa for their use to strike Fish, Tortoise, or Manatee, which they keep usually to themselves, and very neat and clean. They use no Oars but Paddles, the broad part of which doth not go tapering towards the staff, pole, or handle of it, as in the Oar; nor do they use it in the same manner, by laying it on the side of the Vessel; but hold it perpendicularly, griping the staff hard with both hands, and putting back the water by main strength, and very quick strokes. One of the *Moskitoes* (for there go but two in a Canoa) sits in the stern, the other kneels down in the head, and both paddle till they come to the place where they expect their game. Then they lye still, or paddle very softly, looking well about them; and he that is in the head of the Canoa lays down his paddle, and stands up with his striking staff in his hand. This staff is about 8 foot long, almost as big as a mans Arm, at the great end, in which there is a hole to place his Harpoon in. At the other end of his staff there is a piece of light Wood called Bobwood, with a hole in it, through which the small end of the staff comes, and on this piece of Bobwood, there is a line of 10 or 12 fa-

An. 1681 them wound neatly about, and the end of the line made fast to it. The other end of the line is made fast to the Harpoon, which is at the great end of the staff, and the *Moskito* man keeps about a fathom of it loose in his hand. When he strikes, the Harpoon presently comes out of the staff, and as the Manatee swims away, the line runs off from the bob; and although at first both staff and bob may be carried under water, yet as the line runs off it will rise again. Then the *Moskito* men paddle with all their might to get hold of the bob again, and spend usually a quarter of an hour before they get it. When the Manatee begins to be tired, it lieth still, and then the *Moskito* men paddle to the bob and take it up, and begin to hale in the line. When the Manatee feels them he swims away again, with the Canoa after him; then he that steers must be nimble to turn the head of the Canoa that way that his consort points, who being in the head of the Canoa, and holding the line, both sees and feels which way the Manatee is swimming. Thus the Canoa is towed with a violent motion, till the Manatee's strength decays. Then they gather in the line, which they are often forced to let all go to the very end. At length when the Creature's strength is spent, they hale it up to the Canoa's side, and knock it on the head, and tow it to the nearest shore where they make it fast, and seek for another; which having taken, they go ashore with it, to put it into their Canoa: For it is so heavy that they cannot lift it in, but they hale it up in shoal water as near the shore as they can, and then overset the Canoa, laying one side close to the Manatee. Then they roll it in, which brings the Canoa upright again; and when they have heav'd out the water, they fasten a line to the other Manatee that lieth afloat, and tow it after them. I have known two *Moskito* men for a week every day bring aboard two
Manatee

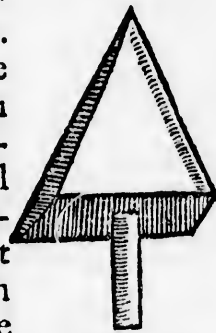
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Manatee in this manner; the least of which hath *An. 1681* not weighed less than 600 pound, and that in a very small Canoa, that 3 *English* men would scarce adventure to go in. When they strike a Cow that hath a young one, they seldom miss the Calf, for she commonly takes her young under one of her Fins. But if the Calf is so big that she cannot carry it, or so frightned that she only minds to save her own life, yet the young never leaves her till the *Moskito* men have an opportunity to strike her.

The manner of striking Manatee and Tortoise is much the same; only when they seek for Manatee they paddle so gently, that they make no noise, and never touch the side of the Canoa with their paddle; because it is a Creature that hears very well. But they are not so nice when they seek for Tortoise, whose Eyes are better than his Ears. They strike the Tortoise with a square shape Iron peg, the other with a Harpoon. The *Moskito*-men make their own

striking Instruments, as Harpoons, Fish-hooks, and Tortoise-Irons or Pegs. These Pegs, or Tortoise-Irons are made 4 square, sharp at one end, and not much above an inch in length, of such a figure as you see in the Margin. The small spike at the broad end hath the line fasten'd to it, and goes also into a hole at the end of the Striking-staff: which when the Tortoise is struck flies off, the Iron and end of the line fastned to it going quite within the Shell, where it is so buried that the Tortoise cannot possibly escape.



They make their Lines both for Fishing and Striking with the bark of *Maho*; which is a sort of Tree or Shrub, that grows plentifully all over the *West-Indies*; and whose Bark is made up of strings or threads, very strong. You may draw it off either in flakes or small threads, as you have occasion. Tis fit for any manner of Cordage; and Privateers often make

An. 1682 their Rigging of it. So much by way of Digression.

When we had cleaned our Tartan we sailed from hence, bound for *Boca-toro*, which is an opening between two Islands about 10 Deg. 10 Min. North Lat. between the Rivers of *Veragne* and *Chagre*. Here we met with Captain *Yanky*, who told us that there had been a Fleet of *Spanish* Armadilloes to seek us: that Captain *Tristian* having fallen to Leeward, was coming to *Boca-toro*, and fell in amongst them, supposing them to be our Fleet: that they fired and chased him, but he Rowed and Towed, and they supposed he got away: that Captain *Pain* was likewise chased by them and Captain *Williams*; and that they had not seen them since that they lay within the Islands: that the *Spaniards* never came in to him; and that Captain *Coxon* was in at the Careening place.

This *Boca-toro* is a place that the Privateers use to resort to, as much as any place on all the Coast, because here is plenty of green Tortoise, and a good Careening place. The *Indians* here have no commerce with the *Spaniards*; but are very barbarous, and will not be dealt with. They have destroyed many Privateers, as they did not long after this some of Captain *Pain's* men; who having built a Tent ashore to put his goods in while he Careened his Ship, and some men lying there with their arms, in the night the *Indians* crept softly into the Tent, and cut off the Heads of 3 or 4 men, and made their escape; nor was this the first time they had served the Privateers so. There grow on this Coast *Vinelloes* in great quantity, with which Chocolate is perfumed. These I shall describe elsewhere.

Our Fleet being thus scattered, there were now no hopes of getting together again; therefore every one did what they thought most conducing to obtain their ends. Captain *Wright*, with whom I now was, was resolv'd to cruise on the Coast of *Cartagene*; and it being now almost the Westerly wind season,

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season, we sailed from hence, and Captain *Yanky* An. 1681
 with us; and we comforted, because Captain *Yanky*
 had no Commission, and was afraid the *French* would
 take away his Bark. We pass by *Scuda*, a small
 Island (where 'tis said Sir *Francis Drake's* bowels were
 bury'd) and came to a small River to Westward of
Chagre; where we took two new Canoes, and car-
 ry'd them with us into the *Sambaloes*. We had the
 Wind at West, with much rain; which brought us
 to *Point-Samballas*. Here Captain *Wright* and Cap-
 tain *Yanky* left us in the Tartane to fix the Canoes,
 while they went on the Coast of *Cartagene* to seek
 for provision. We cruised in among the Islands,
 and kept our *Moskito-men*, or strikers out, who
 brought aboard some half-grown Tortoise; and
 some of us went ashore every day to hunt for what
 we could find in the Woods: Sometimes we got
Pecary, *Warree*, or Deer; at other times we light on
 a drove of large fat Monkeys, or *Quames*, *Corrofoes*, (each
 a large sort of Fowl) Pidgeons, Parrots, or Turtle-
 doves. We liv'd very well on what we got, not
 staying long in one place; but sometimes we would
 go on the Islands, where there grow great Groves of
Sapadillies, which is a sort of Fruit much like a
 Pear, but more juicy; and under those Trees we
 found plenty of *Soldiers*, a little kind of Animals
 that live in Shells, and have two great Claws like a
 Crab, and are good food. One time our men
 found a great many large ones, and being sharp-set
 had them dress'd, but most of them were very sick
 afterwards, being poysoned by them: For on this
 Island were many *Manchaneel* Trees, whose Fruit is
 like a small Crab, and smells very well, but they are
 not wholesome; and we commonly take care of
 meddling with any Animals that eat them. And
 this we take for a general rule; when we find any
 Fruits that we have not seen before, if we see them
 peck'd by Birds, we may freely eat, but if we see

An. 1681 no such sign, we let them alone; for of this fruit no Birds will taste. Many of these Islands have of these *Manchaneel*-Trees growing on them.

Thus cruising in among these Islands, at length we came again to *La Sound's Key*; and the day before having met with a *Jamaica* Sloop that was come over on the Coast to trade, she went with us. It was in the evening when we came to an Anchor, and the next morning we fir'd two Guns for the *Indians* that liv'd on the Main to come aboard; for by this time we concluded we should hear from our five men, that we left in the heart of the Country among the *Indians*, this being about the latter end of *August*, and it was the beginning of *May* when we parted from them. According to our expectation the *Indians* came aboard, and brought our friends with them: Mr. *Wafer* wore a Clout about him, and was painted like an *Indian*; and he was some time aboard before I knew him. One of them, named *Richard Cobson*, dyed within 3 or 4 days after, and was bury'd on *La Sound's Key*.

After this we went to other Keys, to the Eastward of these, to meet Captain *Wright* and Captain *Tanky*, who met with a Fleet of *Pereagoes* laden with *Indian* Corn, Hog, and Fowls, going to *Cartagene*; being convoyed by a small *Armadilly* of 2 Guns and 6 *Patereroes*. Her they chased ashore, and most of the *Pereagoes*; but they got two of them off, and brought them away.

Here Captain *Wright's* and Captain *Tanky's* Barks were clean'd; and we stock'd our selves with Corn, and then went towards the Coast of *Cartagene*. In our way thither we pass'd by the River of *Darien*; which is very broad at the mouth, but not above 6 foot water on a Spring-tyde; for the Tyde riseth but little here. Captain *Coxon*, about 6 months before we came out of the *South Seas*, went up this River with a party of men; Every man carry'd a small

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strong Bag to put his Gold in; expecting great Riches there, tho they got little or none. They rowed up about 100 leagues before they came to any settlement, and then found some *Spaniards*, who lived there to truck with the *Indians* for Gold; there being Gold Scales in every house. The *Spaniards* admired how they came so far from the mouth of the River, because there are a sort of *Indians* living between that place and the Sea, who are very dreadful to the *Spaniards*, and will not have any commerce with them, nor with any white people. They use Trunks about 8 foot long, out of which they blow poysoned Darts; and are so silent in their attacks on their Enemies, and retreat so nimbly again, that the *Spaniards* can never find them. Their Darts are made of Macaw-wood; being about the bigness and length of a Knitting-needle: one end is wound about with Cotton, the other end is extraordinary sharp and small; and is jagged with notches like a Harpoon: So that whatever it strikes into, it immediately breaks off, by the weight of the biggest end; which it is not of strength to bear, (it being made so slender for that purpose) and is very difficult to be got out again, by reason of those notches. These *Indians* have always War with our *Darien* friendly *Indians*, and live on both sides this great River 50 or 60 leagues from the Sea, but not near the mouth of the River. There are abundance of *Manatee* in this River, and some Creeks belonging to it. This relation I had from several men who accompany'd Captain *Coxon* in that discovery; and from Mr. *Cook* in particular, who was with them, and is a very intelligent person: He is now chief Mate of a Ship bound to *Guinea*. To return therefore to the prosecution of our Voyage; meeting with nothing of note, we pass'd by *Cartagene*; which is a City so well known, that I shall say nothing of it. We sail'd by in sight of it, for it lies open to the Sea; and

An. 1681 and had a fair view of *Madre de Popa*, or *Nuestra Señora de Popa*, a Monastery of the Virgin *Mary's*, standing on the top of a very steep hill just behind *Cartagene*. It is a place of incredible wealth, by reason of the offerings made here continually; and for this reason often in danger of being visited by the Privateers, did not the neighbourhood of *Cartagene* keep them in awe. 'Tis, in short, the very *Loretto* of the *West Indies*: it hath innumerable Miracles related of it. Any misfortune that befalls the Privateers is attributed to this Lady's doing; and the *Spaniards* report that she was abroad that night the *Oxford Man of War* was blown up at the *Isle of Vacca* near *Hispaniola*, and that she came home all wet; as, belike, she often returns with her Cloaths dirty and torn with passing thro Woods, and bad ways, when she has been out upon any expedition; deserving doubtless a new suit for such eminent pieces of service.

From hence we passed on to the *Rio Grande*, where we took up fresh Water at Sea, a league off the mouth of that River. From thence we sailed Eastward, passing by *St. Martha*, a large Town, and good harbour, belonging to the *Spaniards*: yet hath it within these few years been twice taken by the Privateers. It stands close upon the Sea, and the Hill within land is a very large one, towering up a great heighth from a vast body of Land. I am of opinion that it is higher than the Pike of *Tenariff*; others also that have seen both think the same; tho its bigness makes its heighth less sensible. I have seen it in passing by, 30 leagues off at Sea; others, as they told me, above 60: and several have told me, that they have seen at once, *Jamaica*, *Hispaniola*, and the high Land of *Santa Martha*; and yet the nearest of these two places is distant from it 120 leagues; and *Jamaica*, which is farthest off, is accounted near 150 leagues; and I question whether any Land on either of those two Islands may be seen 50 leagues.

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It's head is generally hid in the Clouds; but in clear weather, when the top appears, it looks white; supposed to be covered with Snow. *St. Martha* lieth in the Lat. of 12 Deg. North. An. 1681

Being advanced 5 or 6 leagues to the Eastward of *Santa Martha*, we left our Ships at Anchor, and return'd back in our Canoa's to the River *Grande*; entering it by a mouth of it that disembogues it self near *Santa Martha*: purposing to attempt some Towns that lye a pretty way up that River. But this design meeting with discouragements, we return'd to our Ships, and set sail to *Rio la Hacha*. This hath been a strong *Spanish* Town, and is well built; but being often taken by the Privateers, the *Spaniards* deserted it some time before our arrival. It lieth to the Westward of a River; and right against the Town is a good Road for Ships, the bottom clean and sandy. The *Jamaica* Sloops used often to come over to trade here: and I am inform'd that the *Spaniards* have again settled themselves in it, and made it very strong. We enter'd the Fort, and brought two small Guns aboard. From thence we went to the *Rancho-Reys*, one or two small *Indian* Villages, where the *Spaniards* keep two Barks to fish for Pearl. The Pearl-banks lye about 4 or 5 leagues off from the shore, as I have been told; thither the Fishing-Barks go and anchor; when the Divers go down to the bottom, and fill a Basket (which is let down before) with Oysters; and when they come up, others go down, two at a time; this they do till the Bark is full, and then go ashore, where the old men, women and children of the *Indians* open the Oysters, there being a *Spanish* Overseer to look after the Pearl. Yet these *Indians* do very often secure the best Pearl for themselves, as many *Jamaica* men can testify who daily trade with them. The meat they string up, and hang it a drying. At this place we went ashore, where we found one of the Barks,

An. 1681 Barks, and saw great heaps of Oyster-shells, but the people all fled: Yet in another place, between this and *Rio La Recba*, we took some of the *Indians*, who seem to be a stubborn sort of people: They are long-visaged, black hair, their noses somewhat rising in the middle, and of a stern look. The *Spaniards* report them to be a very numerous Nation; and that they will not subject themselves to their yolk: Yet they have *Spanish* Priests among them; and by trading have brought them to be somewhat sociable; but cannot keep a severe hand over them. The Land is but barren, it being of a light sand near the Sea; and most *Savannah*, or Champian; and the grass but thin and course, yet they feed plenty of Cattle. Every man knoweth his own, and looketh after them; but the Land is in common, except only their Houses or small Plantations where they live, which every man maintains with some fence about it. They may remove from one place to another as they please, no man having right to any Land but what he possesseth. This part of the Country is not so subject to Rain as to the Westward of *Santa Martha*; yet here are Tornadoes, or Thunder-showers; but neither so violent as on the Coast of *Portabell*, nor so frequent. The Westerly winds in the Westerly wind season blow here, tho not so strong nor lasting as on the Coasts of *Cartagene* and *Portabell*.

When we had spent some time here, we return'd again towards the Coast of *Cartagene*; and being between *Rio Grande* and that place, we met with Westerly winds, which kept us still to the Eastward of *Cartagene* 3 or 4 days; and then in the morning we descryed a Sail off at Sea, and we chased her at noon: Captain *Wright*, who sailed best, came up with her, and engaged her; and in half an hour after, Captain *Yanky*, who sailed better than the *Tartan* (the Vessel that I was in) came up with her

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likewise, and laid her aboard, then Captain Wright An. 1681 also ; and they took her before we came up. They lost 2 or 3 men, and had 7 or 8 wounded. The Prize was a Ship of 12 Guns and 40 men, who had all good small Arms : She was laden with Sugar and Tobacco, and had 8 or 10 Tuns of Marmalade on board : She came from *Saint Jago* on *Cuba*, and was bound to *Cartagene*.

We went back with her to *Rio Grande*, to fix our Rigging, which was shattered in the Fight, and to consider what to do with her ; for these were commodities of little use to us, and not worth going into a Port with. At the *Rio Grande* Captain Wright demanded the Prize as his due by virtue of his Commission : Captain Yanky said it was his due by the Law of Privateers. Indeed Captain Wright had the most right to her, having by his Commission protected Captain Yanky from the *French*, who would have turned him out because he had no Commission ; and he likewise began to engage her first But the Company were all afraid that Captain Wright would presently carry her into a Port ; therefore most of Captain Wright's Men stuck to Captain Yanky, and Captain Wright losing his Prize, burned his own Bark, and had Captain Yanky's, it being bigger than his own ; the Tartan was sold to a *Jamaica* Trader, and Captain Yanky commanded the Prize Ship. We went again from hence to *Rio la Hach*, and set the Prisoners ashore : and it being now the beginning of *November*, we concluded to go to *Querisao* to sell our Sugar, if favoured by westerly Winds, which were now come in. We sailed from thence, having fair weather and Winds to our mind, which brought us to *Querisao*, a *Dutch* Island. Captain Wright went ashore to the Governour, and offered him the Sale of the Sugar : but the Governour told him he had a great Trade with the *Spaniards*, therefore he could not admit us in there ; but if we would go to *St. Thomas*,

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An. 1681 mas, which is an Island, and Free Port, belonging to the Danes, and a Sanctuary for Privateers, he would send a Sloop with such Goods as we wanted, and Money to buy the Sugar, which he would take at a certain rate; but it was not agreed to.

Querisao is the only Island of importance that the Dutch have in the *West-Indies*. It is about 5 leagues in length, and may be 9 or 10 in circumference: the Northernmost point is laid down in North lat. 12 d. 40 m. and it is about 7 or 8 leagues from the Main, near *Cape Roman*. On the South side of the East end is a good harbour, called *Santa Barbara*; but the chiefest harbour is about 3 leagues from the S. E. end, on the South side of it; where the Dutch have a very good Town, and a very strong Fort. Ships bound in thither must be sure to keep close to the Harbour's mouth, and have a Hauler or Rope ready to send one end ashore to the Fort: for there is no Anchoring at the entrance of the Harbour, and the Current always sets to the Westward. But being got in, it is a very secure Port for Ships, either to Careen, or lye safe. At the East end are two hills, one of them is much higher than the other, and steepest toward the North side. The rest of the Island is indifferent level; where of late some rich Men have made Sugar works; which formerly was all pasture for Cattle: there are also some small Plantations of Potatoes and Yames, and they have still a great many Cattle on the Island; but it is not so much esteemed for its produce, as for its situation for the Trade with the *Spaniard*. Formerly the Harbour was never without Ships from *Cartagene* and *Portabell*, that did use to buy of the Dutch here 1000 or 1500 Negroes at once, besides great quantities of *European* Commodities; but of late that Trade is fallen into the hands of the *English* at *Jamaica*: yet still the Dutch have a vast Trade over all the *West-Indies*, sending from *Holland* Ships of good force laden

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with *European* goods, whereby they make very profitable returns. The *Dutch* have two other Islands here, but of little moment in comparison of *Querisao*; the one lieth 7 or 8 leagues to the Westward of *Querisao*, called *Aruba*; the other 9 or 10 leagues to the Eastward of it, called *Bon-Airy*. From these Islands the *Dutch* fetch in Sloops Provision for *Querisao*, to maintain their Garrison and Negroes. I was never at *Aruba*, therefore cannot say any thing of it as to my own knowledge; but by report it is much like *Bon-Airy*, which I shall describe, only not so big. Between *Querisao* and *Bon-Airy* is a small Island called *Little Querisao*, it is not above a league from *Great Querisao*. The King of *France* has long had an eye on *Querisao*, and made some attempts to take it, but never yet succeeded. I have heard that about 23 or 24 years since the Governour had sold it to the *French*, but dy'd a small time before the Fleet came to demand it; and by his death that design fail'd. Afterwards, in the year 1678, the Count *D'Estre*, who a year before had taken the Isle of *Tobago* from the *Dutch*, was sent hither also with a Squadron of about Ships, very well mann'd, and fitted with Bombs and Carcasses; intending to take it by storm. This Fleet first came to *Martinico*; where, while they lay'd, orders were sent to *Petit-Guavers*, for all Privateers to repair thither, and assist the Count in his design. There were but two Privateers Ships that went thither to him, which were mann'd partly with *French*, partly with *English* men. These set out with the Count; but in their way to *Querisao*, the whole Fleet was lost on a Riff or Ridge of Rocks, that runs off from the Isle of *Aves*; not above two Ships escaping, one of which was one of the Privateers; and so that design perished.

Wherefore not driving a bargain for our Sugar with the Governour of *Querisao*, we went from thence to *Bon-Airy*, another *Dutch* Island, where we met a

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An. 1681 Dutch Sloop come from Europe, laden with Irish Beef; which we bought in exchange for some of our Sugar.

Bon-Airy is the Eastermost of the Dutch Islands, and is the largest of the three; tho not the most considerable. The middle of the Island is laid down in Lat. 12 d. 16 m. It is about 20 leagues from the Main, and 9 or 10 from *Querisao*, and is accounted 16 or 17 leagues round. The Road is on the S. W. side, near the middle of the Island; where there is a pretty deep Bay runs in. Ships that come from the Eastward luff up close to the Eastern shore; and let go their Anchor in 60 fathom water, within half a Cables length of the shore. But at the same time they must be ready with a Boat to carry a Hافر or Rope, and make it fast ashore; otherwise, when the Land-wind comes in the night, the Ship would drive off to Sea again; for the ground is so steep, that no Anchor can hold if once it starts. About half a mile to the Westward of this Anchoring place there is a small low Island, and a Channel between it and the main Island.

The Houses are about half a mile within Land, right in the Road: There is a Governour lives here, a Deputy to the Governor of *Querisao*, and 7 or 8 Soldiers, with 5 or 6 Families of *Indians*. There is no Fort; and the Soldiers in peaceable times have little to do but to eat and sleep, for they never watch, but in time of War. The *Indians* are Husband-men, and plant Maiz and *Guinea* Corn, and some Yames, and Potatoes: But their chiefest business is about Cattle; for this Island is plentifully stocked with Goats; and they send great quantities every year in Salt to *Querisao*. There are some Hories, and Bulls and Cows; but I never saw any Sheep, though I have been all over the Island. The South side is plain low Land, and there are several forts of Trees, but none very large. There is a small

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Spring of water by the Houses, which serves the In-
habitants, though it is brackish. At the West end
of the Island there is a good Spring of Fresh water,
and 3 or 4 *Indian* Families live there, but no Water
nor Houses at any other place. On the South side,
near the East-end, is a good Salt-pond, where *Dutch*
Sloops come for Salt.

From *Bon-Airy* we went to the Isle of *Aves*, or
Birds; so called from its great plenty of Birds, as
Men of War and *Boobies*; but especially *Boobies*. The
Booby is a Water-fowl, somewhat less than a Hen,
of a light greyish colour. I observ'd the *Boobies* of
this Island to be whiter than others. This Bird hath
a strong Bill, longer and bigger than a Crows, and
broader at the end; her Feet are flat like a Ducks
Feet. It is a very simple creature, and will hardly
go out of a mans way. In other places they build
their Nests on the ground, but here they build on
Trees; which I never saw any where else: tho'
I have seen of them in a great many places. Their
Flesh is black and eats Filthy, but are often eaten by
the *Privateers*. Their numbers have been much less-
en'd by the *French* Fleet, which lay here till it was
lost, as I shall give an account.

The *Man of War* (as it is called by the *English*) is
about the bigness of a Kite, and in shape like it, but
black; and the Neck is red. It lives on Fish, yet
never lights on the Water, but soars aloft like a Kite;
and when it sees its prey, it flies down head fore-
most to the waters edge, very swiftly takes his prey
out of the Sea with his Bill, and immediately
mounts again as swiftly; and never touching the
Water but with his Bill. His Wings are very long:
His Feet are like other Land-Fowl; and he builds
on Trees, where he finds any; but, where they are
wanting, on the ground.

This Island *Aves* lies about 8 or 9 leagues to the
Eastward of the Island *Bon-airy*, about 14 or 15 leagues
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An. 1682 from the Main, and about the lat. of 11 d. 45 m. North. It is but small, not above 4 mile in length, and towards the East end not half a mile broad. On the North side it is low Land, commonly overflown with the Tide; but on the South side there is a great Rocky Bank of Coral thrown up by the Sea. The West end is for near a mile space, plain even Savanah Land, without any Trees. There are 2 or 3 Wells dug by Privateers, who often frequent this Island, because there is a good Harbor about the middle of it on the North side, where they may conveniently careen. The Riff or Bank of Rocks on which the French Fleet was lost, as I mentioned above, runs along from the East end to the Northward about 3 mile; then tends away to the Westward, making as it were a Half Moon. This Riff breaks off all the Sea, and there is good riding in even sandy ground to the Westward of it. There are 2 or 3 small low sandy Keys or Islands within this Riff, about 3 miles from the Main Island. The Count de Estree lost his Fleet here in this manner. Coming from the Eastward he fell in on the back of the Riff, and fired Guns to give warning to the rest of his Fleet: But they, supposing their Admiral was engaged with Enemies, hoised up their Topsails, and crowded all the Sail they could make, and ran full sail ashore after him; all within half a mile of each other. For his Light being in the Main Top was an unhappy Beacon for them to follow; and there escaped but one Kings-ship, and one Privateer. The Ships continued whole all day, and the Men had time enough, most of them, to get ashore; yet many perished in the Wreck: and many of those that got safe on the Island, for want of being accustomed to such hardships, died like rotten Sheep. But the Privateers who had been used to such accidents lived merrily, from whom I had this relation: and they told me, that if they had gone to *Jamaica* with 30 l.

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A Man in their Pockets, they could not have enjoyed themselves more: For they kept in a Gang by themselves, and watched when the Ships broke, to get the Goods that came from them; and though much was staved against the Rocks, yet abundance of Wine and Brandy floated over the Riff, where these Privateers waited to take it up. They lived here about 3 weeks, waiting an opportunity to transport themselves back again to *Hispaniola*; in all which time they were never without 2 or 3 Hogheads of Wine and Brandy in their Tents, and Barrels of Beef and Pork; which they could live on without Bread well enough, tho the new-comers out of *France* could not. There were about 40 *Frenchmen* on board in one of the Ships where there was good store of Liquor, till the after part of her broke away, and floated over the Riff, and was carry'd away to Sea, with all the men drinking and singing; who being in drink did not mind the danger, but were never heard of afterwards.

In a short time after this great Shipwreck, Captain *Pain*, Commander of a Privateer of 6 Guns, had a pleasant accident befall him at this Island. He came hither to *Careen*, intending to fit himself very well; for here lay driven on the Island, Masts, Yards, Timbers, and many things that he wanted; therefore he hal'd into the Harbour, close to the Island, and unrigg'd his Ship. Before he had done, a *Dutch* Ship of 20 Guns, was sent from *Querisao* to take up the Guns that were lost on the Riff: But seeing a Ship in the Harbour, and knowing her to be a *French* Privateer, they thought to take her first, and came within a mile of her, and began to fire at her; intending to warp in the next day, for it is very narrow going in. Captain *Pain* got ashore some of his Guns, and did what he could to resist them; tho he did in a manner conclude he must be taken. But while his men were thus busied, he spy'd a

An. 1682 Dutch Sloop turning to get into the Road, and saw her in the evening anchor at the West end of the Island. This gave him some hope of making his escape; which he did, by sending two Canoas in the night aboard the Sloop, who took her, and got considerable purchase in her; and he went away in her, making a good Reprizal, and leaving his own empty Ship to the Dutch Man of War.

There is another Island to the Eastward of the Isle of *Aves* about 4 leagues, called by Privateers the little Isle of *Aves*, which is overgrown with Mangrove-trees. I have seen it, but was never on it. There are no Inhabitants that I could learn, on either of these Islands, but *Boobies*, and a few other Birds.

While we were at the Isle of *Aves*, we careen'd Captain *Wright's* Bark, and scrubb'd the Sugar-prize; and got 2 Guns out of the Wrecks: continuing here till the beginning of Feb. 1682.

We went from hence to the Isles *Roca's*, to careen the Sugar-prize, which the Isle of *Aves* was not a place so convenient for. Accordingly we haled close to one of the small Islands, and got our Guns ashore the first thing we did, and built a Breastwork on the point, and planted all our Guns there, to hinder an Enemy from coming to us while we lay on the Careen: Then we made a House, and cover'd it with our Sails, to put our goods and provisions in. While we lay here, a *French* Man of War of 36 Guns, came thro the Keys, or Little Islands; to whom we sold about 10 Tun of Sugar. I was aboard twice or thrice, and very kindly welcomed both by the Captain and his Lieutenant, who was a Cavalier of *Malta*; and they both offer'd me great encouragement in *France*, if I would go with them; but I ever design'd to continue with those of my own Nation.

The Islands *Roca's* are a parcel of small uninhabited Islands, lying about the Lat. of 11 d. 40 min. about

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about 15 or 16 leagues from the Main, and about 20 leagues N. W. b. W. from *Tortuga*, and 6 or 7 leagues to the Westward of *Orchilla*, another Island lying about the same distance from the Main; which Island I have seen but was never at it. *Roca's* stretch themselves East and West about 5 leagues, and their breadth is about 3 leagues. The northernmost of these Islands is the most remarkable by reason of a high white rocky Hill at the West end of it, which may be seen a great way; and on it there are abundance of Tropick Birds, Men of War, Booby and Noddys, which breed there. The Booby, and Man of War, I have described already. The *Noddy* is a small Black Bird, much about the bigness of the *English* Black-bird, and indifferent good meat. They build in Rocks. We never find them far off from Shore. I have seen of them in other places; but never saw any of their Nests but in this Island; where there is great plenty of them. The Tropick Bird is as big as a Pigeon, but round and plump like a Partridge. They are all white, except two or three Feathers in each Wing of a light grey. Their Bills are of a yellowish colour, thick and short. They have one long Feather, or rather a Quill, about 7 inches long, grows out at the Rump, which is all the Tail they have. They are never seen far without either Tropick, for which reason they are called Tropick-birds. They are very good food, and we meet with them a great way at Sea; and I never saw of them any where but at Sea, and in this Island; where they build, and are found in great plenty.

By the Sea, on the South side of that high Hill, there is fresh Water comes out of the Rocks; but so slowly, that it yields not above 40 gallons in 24 hours; and it tastes so copperish, or aluminous rather, and rough in the mouth, that it seems very unpleasant at first drinking: but after 2 or 3 days any other Water will seem to have no taste.

An. 1682

An. 1682

The middle of this Island is low plain Land, overgrown with long Grass, where there are multitudes of small grey Fowls, no bigger than a Black-bird; yet lay Eggs bigger than a Magpy's: and they are therefore by Privateers called Egg-birds. The East end of the Island is overgrown with black Mangrove Trees.

There are three sorts of Mangrove-Trees, black, red, and white. The black Mangrove is the largest Tree, the body about as big as an Oak, and about 20 feet high. It is very hard and serviceable Timber, but extraordinary heavy; therefore not much made use of for building. The red Mangrove groweth commonly by the Sea side, or by Rivers, or Creeks. The body is not so big as that of the black Mangrove, but always grows out of many roots, about the bigness of a Mans Leg, some bigger, some less, which at about 6, 8, or 10 foot above the ground, joyn into one trunk or body, that seems to be supported by so many artificial Stakes. Where this sort of Tree grows, it is impossible to march, by reason of these Stakes, which grow so mixt one among another, that I have, when forced to go through them, gone half a mile, and never set my foot on the ground, stepping from root to root. The Timber is hard, and good for many uses. The inside of the Bark is red, and it is used for tanning of Leather very much all over the *West Indies*. The white Mangrove never groweth so big as the other two sorts, neither is it of any great use: Of the young Trees Privateers use to make Looms, or Handles for their Oars; for it is commonly strait, but not very strong, which is the fault of them. Neither the black nor white Mangrove grow towering up from stilts or rising roots, as the red doth; but the body immediately out of the ground, like other Trees.

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The Land of this East end is light Sand, which is *An. 1682* sometimes overflown with the Sea at Spring-tides. The Road for Ships is on the South side, against the middle of the Island. The rest of the Islands of *Roca's* are low. The next to this on the South side is but small, flat and even, without Trees, bearing only Grass. On the South side of it is a Pond of brackish Water, which sometimes Privateers use instead of better; there is likewise good riding by it. About a league from this are two other Islands, not 200 yards distant from each other; yet a deep Channel for Ships to pass through. They are both overgrown with red Mangrove Trees, which Trees, above any of the Mangroves, do flourish best in wet drowned Land, such as these two Islands are; only the East point of the Westernmost Island is dry Sand, without Tree or Bush: On this point we careened, lying on the South side of it.

The other Islands are low, and have red Mangroves, and other Trees on them. Here also Ships may ride; but no such place for careening as where we lay; because at that place Ships may hale close to the shore; and if they have but four Guns on the point may secure the Channel, and hinder any Enemy from coming near them. I observ'd that within, among the Islands, was good riding in many places; but not without the Islands, except to the Westward, or S. West of them. For on the East, or N. E. of these Islands, the common Trade-Wind blows, and makes a great Sea: and to the Southward of them there is no ground under 70, 80, or 100 fathom, close by the Land.

After we had filled what Water we could from hence, we set out again in *April 1682.* and came to *Salt-Tortuga*, so called to distinguish it from the shoals of *Dry Tortugas*, near *Cape Florida*, and from the Isle of *Tortugas* by *Hispaniola*, which was called formerly *French Tortugas*; though not having heard

An. 1682 any mention of that name a great while, I am apt to think it is swallow'd up in that of *Petit-Guares*, the chief Garrison the *French* have in those parts. This Island we arrived at is pretty large, uninhabited, and abounds with Salt. It is in Lat. 11 degrees North, and lyeth West, and a little Northerly from *Margarita*, an Island inhabited by the *Spaniards*, strong, and wealthy; it is distant from it about 14 leagues, and 17 or 18 from Cape *Blanco* on the Main: A Ship being within these Islands, a little to the Southward, may see at once the Main, *Margarita*, and *Tortuga*, when it is clear weather. The East end of *Tortuga* is full of rugged, bare, broken Rocks, which stretch themselves a little way out to Sea. At the S. E. part is an indifferent good Road for Ships, much frequented in peaceable times by Merchant-ships, that come hither to lade Salt, in the months of *May*, *June*, *July*, and *August*. For at the East end is a large Salt-pond, within 200 paces of the Sea. The Salt begins to kern, or grain, in *April*, except it is a dry season; for it is observed that rain makes the Salt kern. I have seen above 20 Sail at a time in this road come to lade Salt; and these Ships coming from some of the *Caribbe Islands*, are always well stored with Rum, Sugar, and Lime-juice to make Punch; to hearten their Men when they are at work, getting and bringing aboard the Salt; and they commonly provide the more, in hopes to meet with Privateers, who resort hither in the afore-said months, purposely to keep a *Christmas* as they call it; being sure to meet with Liquor enough to be merry with, and are very liberal to those that treat them. Near the West end of the Island, on the South side, there is a small Harbour, and some fresh Water: That end of the Island is full of shrubby Trees; but the East end is rocky and barren as to Trees, producing only coarse Grass. There are some Goats on it, but not many; and Turtle or Tortoise

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Tortoise come upon the sandy Bays to lay their Eggs: and from them the Island hath its Name. There is no riding any where but in the Road where the Salt-Ponds are, or in the Harbour.

At this Isle we thought to have sold our Sugar among the *English* Ships that come hither for Salt; but failing there, we design'd for *Trinidad*, an Island near the Main inhabited by the *Spaniards*, tolerably strong and wealthy: but the Current and Easterly Winds hindering us, we passed through between *Margarita* and the Main, and went to *Blanco*, a pretty large Island almost North of *Margarita*; about 30 leagues from the Main, and in 11 d. 50 m. North Lat. It is a flat, even, low, uninhabited Island, dry and healthy; most Savanah, of long Grass, and hath some Trees of *Lignum Vitæ* growing in Spots, with shrubby Bushes of other Wood about them. It is plentifully stored with *Guanos*, which are an Animal like a Lizard, but much bigger. The body is as big as the small of a mans leg, and from the hind quarter the tail grows tapering to the end, which is very small. If a Man takes hold of the tail, except very near the hind quarter, it will part and break off in one of the joints, and the *Guano* will get away. They lay Eggs, as most of these amphibious creatures do, and are very good to eat. Their flesh is much esteemed by Privateers, who commonly dress them for their sick men; for they make very good Broath. They are of divers colours, as almost black, dark brown, light brown, dark green, light green, yellow, and speckled: They all live as well in the Water as on Land; and some of them are constantly in the Water, and among Rocks: These are commonly black. Others that live in swampy wet ground are commonly on Bushes and Trees, these are green. But such as live in dry ground, as here at *Blanco*, are commonly yellow; yet these also will live in the Water, and are sometimes on Trees.

An. 1682 Trees. The Road is on the N.W. end, against a small Cove, or little sandy Bay. There is no riding any where else, for it is deep water and steep close to the Land. There is one small Spring on the West side, and there are sandy Bays round the Island, where Turtle or Tortoise come up in great abundance, going ashore in the night. These that frequent this Island are called green Turtle, and they are the best of that sort, both for largeness and sweetness of any in all the *West Indies*. I would here give a particular description of these and other sorts of *Turtle* in these Seas; but because I shall have occasion to mention some other sorts of *Turtle* when I come again into the *South Seas*, that are very different from all these, I shall there give a general account of all these several sorts at once, that the difference between them may be the better discerned. Some of our modern Descriptions speak of Goats on this Island. I know not what there may have been formerly, but there are none now to my certain knowledge; for my self and many more of our Crew have been all over it. Indeed these parts have undergone great changes in this last age, as well in places themselves, as in their Owners and Commodities of them; particularly *Nombre de Dios*, a City once famous, and which still retains a considerable name in some late Accounts, is now nothing but a Name. For I have lain ashore in the place where that City stood; but it is all overgrown with Wood, so as to leave no sign that any Town hath been there.

We staid at the Isle of *Blanco* not above 10 days, and then went back to *Salt-Tortuga* again, where Captain *Yanky* parted with us: and from thence, after about 4 days, all which time our men were drunk and quarrelling, we in Captain *Wright's* Ship went to the Coast of *Caraccos* on the Main Land. This Coast is upon several accounts very remarkable:

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ble: 'Tis a continu'd tract of high Ridges of Hills and small Valleys intermix'd, for about 20 leagues, stretching East and West; but in such manner, that the Ridges of Hills and the Valleys alternately run pointing upon the shore from South to North: the Valleys, some of them about 4 or 5, others not above 1 or 2 furlongs wide, and in length from the Sea scarce any of them above 3 or 4 mile at most; there being a long Ridge of Mountains at that distance from the Sea-Coast, and in a manner parallel to it, that joins those shorter Ridges, and closeth up the South end of the Valleys; which at the North ends of them lye open to the Sea, and make so many little Sandy Bays, that are the only Landing-places on all the Coast. Both the main Ridge, and these shorter Ribs are very high Land, so that 3 or 4 leagues off at Sea the Valleys scarce appear to the Eye, but all looks like one great Mountain. From the Isles of *Roca's* about 15, and from the Isle of *Aves* about 20 leagues off, we see this Coast very plain from on board our Ships; yet when at Anchor on this Coast we cannot see those Isles: tho' again from the tops of these Hills they appear as if at no great distance, like so many Hillocks in a Pond. These Hills are barren, except the lower sides of them, that are cover'd with some of the same rich black Mould that fills the Valleys, and is as good as I have seen. In some of the Valleys there is a strong red Clay, but in the general they are extremely fertile, well watered, and inhabited by *Spaniards* and their *Negro's*. They have *Maiz* and *Plantains* for their support; with *Indian-Fowls* and some *Hogs*. But the main product of these Valleys, and indeed the only Commodity it vends, are the *Cacao-Nuts*, of which the *Chocolate* is made. The *Cacao-Tree* grows no where in the North Seas but in the Bay of *Campechy*, on *Costa Rica*, between *Portabel* and *Nicaragua*, chiefly up *Carpenters River*; and on this Coast

An. 1682 as high as the Isle of *Trinidad*. In the South Seas, it grows on the River of *Guinquil*, a little to the Southward of the Line, and in the Valley of *Collina*, on the South side of the Continent of *Mexico*: both which places I shall hereafter describe. Besides these, I am confident there is no place in the world where the Cacao grows, except those in *Jamaica*, of which there are now but few remaining, of many and large Walks or Plantations of them found there by the *English* at their first arrival, and since planted by them; and even these, though there is a great deal of pains and care bestowed on them, yet seldom come to any thing, being generally blighted. The Nuts of this Coast of *Caracco's*, though less than those of *Costa Rica*, which are large flat Nuts, yet are better and fatter, in my opinion, being so very oily, that we are forced to use Water in rubbing them up; and the *Spaniards* that live here, instead of parching them to get off the Shell before they pound or rub them, to make Chocolate, do in a manner burn them to dry up the Oil; for else, they say, it would fill them too full of blood, drinking Chocolate, as they do, 5 or 6 times a day. My worthy Confort Mr. *Ringrose* commends most the *Guinquil* Nut: I presume because he had little knowledge of the rest; for being intimately acquainted with him, I know the course of his Travels and Experience. But I am persuaded had he known the rest so well as I pretend to have done, who have at several times been long used to, and in a manner lived upon all the several sorts of them above mentioned, he would prefer the *Caraccos* Nut before any other; yet possibly the drying up of these Nuts so much by the *Spaniards* here, as I said, may lessen their Esteem with those *Europeans*, that use their Chocolate ready rubb'd up: so that we always chose to make it up our selves.

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The Cacao-Tree hath a body about a foot and an *An. 1682*
 half thick (the largest sort) and 7 or 8 foot high to
 the Branches, which are large, and spreading like
 an Oak, with a pretty thick, smooth, dark-green
 leaf, shap'd like that of a Plumb-Tree, but larger.
 The Nuts are inclosed in Cods as big as both a
 Mans fists put together: At the broad end of which
 there is a small, tough, limber stalk, by which they
 hang pendulous from the body of the Tree, in all
 parts of it from top to bottom, scattered at irregular
 distances, and from the greater branches a little way
 up: especially at the joints of them, or partings,
 where they hang thickest; but never on the smaller
 boughs. There may be ordinarily about 20 or 30
 of these Cods upon a well-bearing Tree: and they
 have 2 Crops of them in a year; one in *December*,
 but the best in *June*. The Cod it self or Shell is
 almost half an inch thick; neither spongy nor
 woody, but of a substance between both, brittle,
 yet harder than the Rind of a Lemmon: like which
 its surface is grained or knobbed, but more coarse
 and unequal. The Cods at first are of a dark Green,
 but the side of them next the Sun of a Muddy Red.
 As they grow ripe the Green turns to a fine bright
 Yellow, and the Muddy to a more lively beautiful
 Red, very pleasant to the Eye. They neither ripen,
 nor are gather'd at once: but for three weeks or a
 month, when the Season is, the Overseers of the
 Plantations go every day about to see which are
 turn'd yellow; cutting at once, it may be, not a-
 bove one from a Tree. The Cods thus gathered
 they lay in several heaps to sweat; and then burst-
 ing the Shell with their hands they pull out the
 Nuts, which are the only substance they contain,
 having no stalk or pith among them; and (except-
 ing that these Nuts lye in regular rows, like the
 grains of Maiz, but sticking together; and so close-
 ly stowed, that after they have been once separated,
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An. 1682 it would be hard to place them again in so narrow a compass. There are generally near 100 Nuts in a Cod: in proportion to the greatness of which, for it varies, the Nuts are bigger or less. When taken out they dry them in the Sun upon Mats spread on the ground: after which they need no more care; having a thin hard skin of their own, and much Oil, which preserves them. Salt water will not hurt them; for we had our Bags rotten, lying in the bottom of our Ship, and yet the Nuts never the worse. They raise the young Trees of Nuts, set with the great end downward, in fine black Mould, and in the same places where they are to bear; which they do in 4 or 5 years time, without the trouble of transplanting. There are ordinarily of these Trees, from 500 to 2000 and upwards in a Plantation or Cacao-walk, as they call them: and they shelter the young Trees from the weather with Plaintains set about them for 2 or 4 years; destroying all the Plantains by such time the Cacao-Trees are of a pretty good body, and able to endure the heat; which I take to be the most pernicious to them of any thing: for tho' these Valleys lye open to the North winds, unless a little shelter'd here and there by some groves of Plaintain Trees, which are purposely set near the Shores of the several Bays, yet, by all that I could either observe or learn, the Cacao's in this Country are never blighted, as I have often known them to be in other places. Cacao-Nuts are used as Money in the Bay of *Campechy*.

The chief Town of this Country is called *Caraccos*, a good way within Land; 'tis a large wealthy place, where live most of the Owners of these Cacao-walks, that are in the Valleys by the shore; the Plantations being managed by Overseers and Negro's. It is in a large Savanah Country, that abounds with Cattle: and a *Spaniard* of my acquaintance,

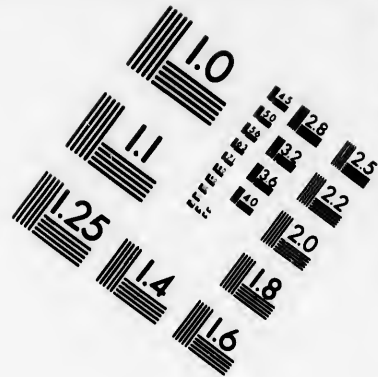
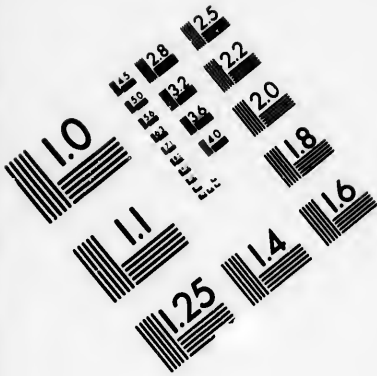
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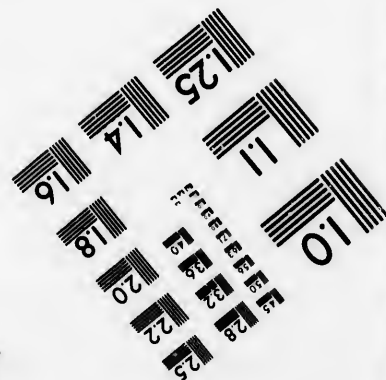
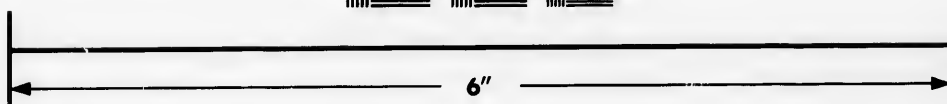
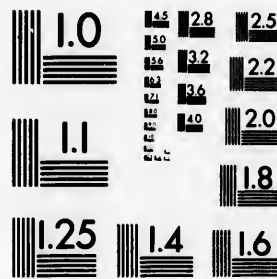
rance, a very sensible man who hath been there, *An. 1682*
 tells me that 'tis very populous, and he judges it to
 be 3 times as big as *Corunna* in *Gallicia*. The way
 to it is very steep and craggy, over that ridge of
 of Hills, which I said closes up the Valleys and par-
 tition Hills of the Cacao Coast. In this Coast it
 self the chief place is *La Guiare*, a good Town close
 by the Sea; and though it hath but a bad Harbour
 yet it is much frequented by the *Spanish* shipping;
 for the *Dutch* and *English* anchor in the sandy Bays
 that lye here and there in the mouths of several
 Valleys, and where there is very good riding. The
 Town is open, but hath a strong Fort; yet both
 were taken some years since by Captain *Wright* and
 his Privateers. 'Tis seated about 4. or 5 leagues to
 the Westward of *Cape Blanco*, which Cape is the
 Eastermost boundary of this Coast of *Caraccos*. Fur-
 ther Eastward about 20 leagues is a great lake or
 branch of the Sea, called *La Laguna de Vallensuella*;
 about which are many rich Towns; but the mouth
 of the Lake is shallow that no Ships can enter.
 Near this mouth is a place called *Comana*, where the
 Privateers were once repulsed without daring to at-
 tempt it any more, being the only place in the
 North Seas they attempted in vain for many years;
 and the *Spaniards* since throw it in their teeth fre-
 quently, as a word of reproach or defiance to them.
 Not far from the place is *Verina*, a small Village and
Spanish Plantation, famous for its Tobacco, repu-
 ted the best in the world.

But to return to *Caraccos*, all this Coast is subject
 to dry winds, generally North-east, which caused
 us to have scabby Lips; and we always found it thus,
 and that in different seasons of the year; for I have
 been on this Coast several times. In other respects
 it is very healthy and a sweet clear Air. The *Spa-
 niards* have Look-outs or Scouts on the Hills,
 and Breast-works in the Valleys, and most of
 their





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An. 1682 their Negro's are furnished with Arms also for defence of the Bays. The *Dutch* have a very profitable Trade here, almost to themselves: I have known 3 or 4 great Ships at a time on the Coast, each, it may be, of 30 or 40 Guns. They carry hither all sorts of *European* Commodities, especially Linnen; making vast returns, chiefly in Silver and Cacao. And I have often wondred and regretted it, that none of my own Countrymen find the way thither directly from *England*; for our *Jamaica-men* Trade thither indeed, and find the sweet of it, though they carry *English* Commodities at second or third hand.

While we lay on this Coast, we went ashore in some of the Bays, and took 7 or 8 Tun of Cacao; and after that 3 Barks, one laden with Hides, the second with *European* Commodities, the third with Earthen ware and Brandy. With these 3 Barks we went again to the Islands of *Roca's*, where we shar'd our Commodities, and separated, having Vessels enough to transport us all whither we thought most convenient. Twenty of us (for we were about 60) took one of the Vessels, and our share of the goods, and went directly for *Virginia*. In our way thither we took several of the *Sucking-fishes*; for when we see them about the Ship we cast out a Line and Hook, and they will take it with any manner of Bait, whether Fish or Flesh. The *Sucking-fish* is about the bigness of a large Whiting, and much of the same shape towards the Tail, but the Head is flatter. From the Head to the middle of its Back there groweth a sort of flesh of a hard gristly substance, like that part of the *Limpit*. (a Shell-fish tapering up Pyramidically) which sticks to the Rocks; or like the head or mouth of a Shell-Snail, but harder. This excrescence is of a flat oval form, about 7 or 8 inches long, and 5 or 6 broad; and rising about half an inch high. It is full of small ridges,

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ridges, with which it will fasten it self to any thing that it meets with in the Sea, just as a Snail doth to a Wall. When any of them happen to come about a Ship they seldom leave her, for they will feed on such fish as is daily thrown overboard, or on meer excrements. When it is fair weather and but little wind, they will play about the Ship; but in blustering weather, or when the Ship sails quick, they commonly fasten themselves to the Ships bottom, from whence neither the Ships motion, though never so swift, nor the most tempestuous Sea can remove them. They will likewise fasten themselves to any other bigger Fish; for they never swim fast themselves, if they meet with any thing to carry them. I have found them sticking to a Shark, after it was hal'd in on the deck, though a Shark is so strong and boisterous a Fish, and throws about him so vehemently for half an hour together, it may be, when caught that did not the Sucking-fish stick at no ordinary rate, it must needs be cast off by so much violence. It is usual also to see them sticking to Turtle, to any old Trees, Planks, or the like, that lye driving at Sea. Any knobs or inequalities at a Ships bottom, are a great hinderance to the swiftness of its sailing; and 10 or 12 of these sticking to it must needs retard it, as much, in a manner, as if its bottom were foul. So that I am inclined to think that this Fish is the *Remora* of which the Antients tell such stories: if it be not, I know no other that is, and I leave the Reader to judge. I have seen of these Sucking-fishes in great plenty in the Bay of *Campechy*, and in all the Sea between that and the Coast of *Caraccas*, as about those Islands, particularly, I have lately described, *Rocas, Blanco, Tortugas, &c.* They have no scales, and are very good meat.

We met nothing else worth remark, in our Voyage to *Virginia*; where we arrived in July 1682. That Country is so well known to our Nation, that

An. 1682 I shall say nothing of it, nor shall I detain the Reader with the story of my own affairs, and the troubles that befel me during about 13 months of my stay there; but in the next Chapter enter immediately upon my second Voyage into the *South Seas*, and round the Globe.

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CHAP. IV.

The Authors Voyage to the Isle of John Fernando in the South Seas. He arrives at the Isles of Cape Verd. Isle of Sall; its Salt-ponds. The Flamingo, and its remarkable Nest. Ambergriese, where found. The Isles of St. Nicholas, Mayo, St. Jago, Fogo, a burning Mountain; with the rest of the Isles of Cape Verde. Sherborough River on the Coast of Guinea. The Commodities, and Negroes there: A Town of theirs describ'd. Tornadoes, Sharks, Flying-fish. A Sea deep and clear, yet pale. Isles of Sibble de Ward. Small red Lobsters. Streight. Le Mair. States Island. Cape Horn in Terra del Fuego. Their Meeting with Captain Eaton in the South Seas, and their going together to the Isle of John Fernando. Of a Moskitoman left there alone 3 Years: His Art and Sagacity; with that of other Indians. The Island described. The Savanahs of America. Goats at John Fernando's. Seals. Sea-lions. Snappers, a sort of Fish. Rock-fish. The Bays, and natural Strength of this Island.

BEing now entering upon the Relation of a New Voyage, which makes up the main body of this Book, proceeding from Virginia by the way of Terra del Fuego, and the South Seas, the East Indies, and so on, till my Return to England by the way of the Cape of Good Hope, I shall give my Reader this short Account of my first entrance upon it. Among those who

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An. 1683 accompanied Captain *Sharp* into the *South Seas* in our former expedition, and leaving him there returned over Land, as is said in the introduction, and in the 1st and 2d Chapters; there was one Mr. *Cook*, an *English* Native of *St. Christophers*, a *Criole*, as we call all born of *European* Parents in the *West Indies*. He was a sensible man, and had been some years a Privateer. At our joyning our selves with those Privateers we met at our coming again to the *North Seas*, his lot was to be with Captain *Yanky*, who kept Company for some considerable time with Captain *Wright*, in whose Ship I was, and parted with us at our 2d Anchoring at the Isle of *Tortugas*; as I have said in the last Chapter. After our parting, this Mr. *Cook* being Quarter-master under Captain *Yanky*, the second place in the Ship, according to the Law of Privateers, laid claim to a Ship they took from the *Spaniards*; and such of Captain *Yanky's* men as were so disposed, particularly all those who came with us over Land, went aboard this Prize Ship under the new Captain *Cook*. This distribution was made at the Isle of *Vacca*, or the Isle of *Ash*, as we call it; and here they parted also such Goods as they had taken. But Captain *Cook* having no Commission, as Captain *Yanky*, Captain *Tristian*, and some other *French* Commanders had, who lay then at that Island, and they grutching the *English* such a Vessel, they all joyn'd together, plundered the *English* of their Ship, Goods and Arms, and turned them ashore. Yet Captain *Tristian* took in about 8 or 10 of these *English*, and carry'd them with him to *Petit-Guavres*: of which number Captain *Cook* was one, and Captain *Davis* another, who with the rest found means to seize the Ship as she lay at Anchor in the Road, Captain *Tristian* and many of his men being then ashore: and the *English* sending ashore such *French*-men as remained in the Ship and were mastered by them, though superior in number,

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stood away with her immediately for the Isle of *Vacca*, *An. 1683* before any notice of this surprize could reach the *French* Governor of that Isle; so deceiving him also by a Stratagem, they got on board the rest of their Countrymen, who had been left on that Island; and going thence they took a Ship newly come from *France*, laden with Wines. They took also a Ship of good force, in which they resolved to embark themselves, and make a new Expedition into the *South Seas*, to cruise on the Coast of *Chili* and *Peru*. But first they went for *Virginia* with their Prizes; where they arrived the *April* after my coming thither. The best of their Prizes carried 18 Guns: this they fitted up there with Sails, and every thing necessary for so long a Voyage; selling the Wines they had taken for such Provisions as they wanted. My self, and those of our Fellow-travellers over the Isthmus of *America*, who came with me to *Virginia* the year before this (most of which had since made a short Voyage to *Carolina*, and were again return'd to *Virginia*) resolved to join our selves to these new Adventurers: and as many more engaged in the same design as made our whole Crew consist of about 70 Men. So having furnished our selves with necessary materials, and agreed upon some particular Rules, especially of Temperance and Sobriety, by reason of the length of our intended Voyage, we all went on board our Ship.

August 23. 1683. we sailed from *Achamack* in *Virginia*, under the Command of Captain *Cook*, bound for the *South Seas*. I shall not trouble the Reader with an account of every days run, but hasten to the less known parts of the World, to give a description of them: only relating such memorable accidents as hapned to us, and such places as we touch'd at by the way.

We met nothing worth observation till we came to the *Islands of Cape Verd*, except a terrible Storm, which

An. 1683 which could not escape it: This hapned in a few days after we left *Virginia*; with a S. S. E. Wind just in our Teeth. The Storm lasted above a week: it drencht us all like so many drowned Rats; and was one of the worst Storms I ever was in. One I met with in the *East-Indies* was more violent for the time; but of not above 24 hours continuance. After that Storm we had favourable Winds and good weather; and in a short time we arriv'd at the Island *Sall*, which is one of the Eastermost of the *Cape Verd* Island. Of these there are ten in number (so considerable as to bear distinct names) and they lye several Degrees off from *Cape Verd* in *Africk*, whence they receive that Appellation; taking up about 5 deg. of Longitude in breadth, and about as many of Latitude in their length, viz. from near 14 to 19 North. They are most inhabited by *Portuguese Banditti*. This of *Sall* is an Island lying in the Lat. of 16, in Long. 19 deg. 33 min. West from the *Lizard* in *England*, stretching from North to South about 8 or 9 leagues, and not above a league and an half, or 2 leagues wide. It hath its name from the abundance of Salt that is naturally congealed there, the whole Island being full of large Salt-ponds. The Land is very barren, producing no Tree that I could see, but some small shrubby Bushes by the Sea side: Neither could I discern any Grass; yet there are some poor Goats on it.

I know not whether there are any other Beasts on the Island: There are some wild Fowl, but, I judge, not many. I saw a few *Flamingo*, which is a sort of large Fowl, much like a Heron in shape, but bigger, and of a reddish colour. They delight to keep together in great companies, and feed in Mud, or Ponds, or in such places where there is not much Water: They are very shy, therefore it is hard to shoot them. Yet I have lain obscured in the evening near a place where they resort, and with

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with two more in my company have kill'd 14 of *An. 168*; them at once; the first shot being made while they were standing on the ground, the other two as they rose. They build their Nests in shallow Ponds, where there is much Mud, which they scrape together, making little Hillocks, like small Islands, appearing out of the Water, a foot and half high from the bottom. They make the foundation of these Hillocks broad, bringing them up tapering to the top, where they leave a small hollow pit to lay their Eggs in; and when they either lay their Eggs, or hatch them, they stand all the while, not on the Hillock, but close by it with their Legs on the ground and in the water, resting themselves against the Hillock, and covering the hollow Nest upon it with their Rumps: For their Legs are very long; and building thus, as they do, upon the ground, they could neither draw their Legs conveniently into their Nests, nor sit down upon them otherwise than by resting their whole bodies there, to the prejudice of their Eggs or their young, were it not for this admirable contrivance which they have by natural instinct. They never lay more than two Eggs, and seldom fewer. The young ones cannot fly till they are almost full grown, but will run prodigiously fast; yet we have taken many of them. The Flesh of both young and old is lean and black, yet very good meat, tasting neither fishy, nor any way unflavoury. Their Tongues are large, having a large knob of fat at the root, which is an excellent bit: a Dish of *Flamingo's* Tongues being fit for a Prince's Table.

When many of them are standing together by a Ponds side, being half a mile distant from a Man, they appear to him like a Brick Wall; their Feathers being of the colour of new red Brick: and they commonly stand upright, and single, one by one, exactly in a row (except when feeding) and close

An. 1683 by each other. The young ones at first are of a light grey; and as their Wing-feathers spring out, they grow darker: and never come to their right colour, or any beautiful shape, under 10 or 11 months old. I have seen *Flamingoes* at *Rio la Hacha*, and at an Island lying near the Main of *America*, right against *Querisao*; called by Privateers *Flamingo-Key*, from the multitude of these Fowls that breed there; and I never saw of their Nests and young but there.

There were not above 5 or 6 men on this Island of *Sall*, and a poor Governor as they call'd him, who came aboard in our Boat, and brought 3 or 4 poor lean Goats for a Present to our Captain, telling him they were the best that the Island did afford. The Captain, minding more the poverty of the Giver than the value of the Present, gave him in requital a Coat to cloath him; for he had nothing but a few Rags on his back, and an old Hat not worth 3 Farthings; which yet I believe he wore but seldom, for fear he should want before he might get another: for he told us there had not been a Ship in 3 years before. We bought of him about 20 Bushels of Salt for a few old Cloaths; and he begg'd a little Powder and Shot. We stay'd here 3 days; in which time one of these *Portuguese* offered to some of our men a lump of *Ambergriese* in exchange for some Cloaths, desiring them to keep it secret; for he said if the Governour should know it he should be hanged. At length one *Mr. Coppinger* bought it for a small matter; yet I believe he gave more than it was worth. We had not a Man in the Ship that knew *Ambergriese*; but I have since seen it in other places, and therefore am certain it was not right. It was of a dark colour like *Sheeps Dung*, and very soft, but of no smell, and possibly 'twas some of their *Goats Dung*. I afterwards saw some sold at the *Necquebars* in the *East Indies*, which was of

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a lighter colour, but very hard, neither had it any smell; and this also, I suppose, was a Cheat. Yet it is certain that in both these places there is Ambergriese found.

I was told by one *John Reed*, a *Bristol* Man, that he was Prentice to a Master who traded to these Islands of *Cape Verd*, and once as he was riding at an Anchor at *Fogo*, another of these Islands, there was a lump of it swam by the Ship, and the Boat being ashore he mist it; but knew it to be Ambergriese, having taken up a lump swimming in the like manner the Voyage before; and his Master having at several times bought pieces of it of the Natives of the Isle of *Fogo*, so as to enrich himself thereby. And so at the *Necquebars*, *Englishmen* have bought, as I have been credibly informed, great quantities of very good Ambergriese. Yet the Inhabitants are so subtle that they will counterfeit it, both there and here: and I have heard that in the Gulf of *Florida*, whence much of it comes, the *Native Indians* there use the same Fraud.

Upon this occasion, I cannot omit to tell my Reader what I learnt from *Mr. Hill*, a Chyrurgeon, upon his shewing me once a piece of Ambergriese, which was thus. One *Mr. Benjamin Barker*, a man that I have been long well acquainted with, and know him to be a very diligent and observing person, and likewise very sober and credible, told this *Mr. Hill*, that being in the Bay of *Honduras* to procure Logwood, which grows there in great abundance; and passing in a Canoa over to one of the Islands in that Bay, he found upon the shore, on a sandy Bay there, a lump of Ambergriese, so large, that when carried to *Jamaica*, he found it to weigh one hundred pound and upwards. When he first found it, it lay dry, above the mark which the Sea then came to at High-water; and he observed in it a great multitude of Beetles: It was of a dusky colour,

An. 1683 flour, towards black, and about the hardness of mellow Cheese, and of a very fragrant smell: This that Mr. Hill shewed me, being some of it, which Mr. Barker gave him. Besides those already mentioned, all the places where I have heard that Ambergrise hath been found, are *Bermudas*, and the *Bahama* Islands in the *West Indies*; and that part of the Coast of *Africk*, with its adjacent Islands, which reaches from *Mozambique* to the Red-Sea.

We went from this Island of *Sall*, to *St. Nicholas*, another of the *Cape-Verd* Islands, lying West South West from *Sall*, about 22 leagues. We arrived there the next day after we left the other, and Anchored on the S. E. side of the Island. This is a pretty large Island; it is one of the biggest of all the *Cape-Verd*, and lyeth in a triangular form. The largest side which lyeth to the East, is about 30 leagues long, and the other two above 20 leagues each. It is a mountainous barren Island, and rocky all round towards the Sea; yet in the heart of it, there are Valleys where the *Portuguese*, which inhabit here, have Vineyards and Plantations, and Wood for fuel. Here are many Goats, which are but poor in comparison with those in other places, yet much better than those at *Sall*: There are likewise many Asses. The Governour of this Island came aboard us, with 3 or 4 Gentlemen more in his Company, who were all indifferently well clothed, and accoutred with Swords and Pistols; but the rest that accompanied him to the Sea side, which were about 20 or 30 men more, were but in a ragged garb. The Governour brought aboard some Wine made in the Island, which tasted much like *Madera* Wine: It was of a pale colour, and lookt thick. He told us the chief Town was in a Valley 14 mile from the Bay, where we rode; that he had there under him above one hundred families, besides other Inhabitants that lived scattering in Valleys more re-

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mote. They were all very swarthy; the Governour *An. 1683* was the clearest of them, yet of a dark tawny complexion.

At this Island we scrubb'd the bottom of our Ship; and here also we dug Wells ashore on the Bay, and fill'd all our water, and after 5 or 6 days stay, we went from hence to *Mayo*, another of the *Cape-Verd* Islands, lying about 40 miles East and by South from the other; arriving there the next day, and anchoring on the N. W. side of the Island. We sent our Boat on shore, intending to have purchased some Provision, as Beef or Goat, with which this Island is better stock'd than the rest of the Islands. But the inhabitants would not suffer our men to land, for about a week before our arrival there came an *English* Ship, the men of which came ashore, pretending friendship, and seized on the Governour with some others, and carrying them aboard, made them send ashore for Cattle to ransom their Liberties: and yet after this set sail, and carry'd them away; and they had not heard of them since. The *English*-man that did this (as I was afterwards informed) was one Captain *Bond* of *Bristol*. Whether ever he brought back those men again I know not: He himself and most of his men have since gone over to the *Spaniards*: and 'twas he who had like to have burnt our Ship after this in the Bay of *Panama*; as I shall have occasion to relate.

This Isle of *Mayo* is but small, and environed with shoals; yet a place much frequented by shipping for its great plenty of Salt: and though there is but bad landing, yet many Ships lade here every year. Here are plenty of Bulls, Cows, and Goats; and at a certain season in the year, as *May*, *June*, *July*, and *August*, a sort of small Sea-Tortoise come hither to lay their Eggs: but these *Turle* are not so sweet as those in the *West Indies*. The Inhabitants plant Corn, Yames, Potatoes, and some Plantations, and breed a few

An. 1683 a few Fowls; living very poor, yet much better than the Inhabitants of any other of these Islands, *St. Jago* excepted, which lieth 4 or 5 leagues to the Westward of *Mayo*, and is the chief, the most fruitful, and best inhabited, of all the Islands of *Cape Verd*; yet mountainous, and much barren Land in it.

On the East side of the Isle of *St. Jago* is a good Port, which in peaceable times especially is seldom without Ships; for this hath long been a place which Ships have been wont to touch at for Water and Refreshments, as those outward bound to the *East Indies*, *English*, *French*, and *Dutch*; many of the Ships bound to the Coast of *Guinea*, the *Dutch* to *Surinam*, and their own *Portuguese* Fleet going for *Brazil*, which is generally about the latter end of *September*: but few Ships call in here in their return for *Europe*. When any Ships are here the Country People bring down their Commodities to sell to the Seamen and Passengers, *viz.* *Bullocks*, *Hogs*, *Goats*, *Fowls*, *Eggs*, *Plantains*, and *Cocoa Nuts*; which they will give in Exchange for *Shirts*, *Drawers*, *Handkerchiefs*, *Hats*, *Wastecoats*, *Britches*, or in a manner for any sort of Cloath, especially *Linnen*, for *Woollen* is not much esteemed there. They care not willingly to part with their Cattel of any sort but in exchange for *Money*, or *Linnen*, or some other valuable Commodity. Travellers must have a care of these people, for they are very thievish; and if they see an opportunity, will snatch any thing from you, and run away with it. We did not touch at this Island in this Voyage; but I was there before this in the year 1670, when I saw a Fort here lying on the top of an Hill, and commanding the Harbour.

The Governour of this Island is chief over all the rest of the Islands. I have been told that there are two large Townson this Island, some small Villages, and

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and a great many Inhabitants; and that they make a great deal of Wine, such as is that of *St. Nicholas*. I have not been on any other of the *Cape Verd* Islands, nor near them; but have seen most of them at a distance. They seem to be mountainous and barren; some of these before-mentioned being the most fruitful and most frequented by Strangers, especially *St. Fago* and *Mayo*. As to the rest of them, *Fogo* and *Brava* are two small Islands lying to the Westward of *St. Fago*, but of little note; only *Fogo* is remarkable for its being a *Vulcano*: It is all of it one large Mountain of a good height, out of the top whereof issue Flames of Fire, yet only discerned in the night: and then it may be seen a great way at Sea. Yet this Island is not without Inhabitants, who live at the foot of the Mountain near the Sea. Their subsistence is much the same as in the other Islands; they having some Goats, Fowls, Plantains, Coco-Nuts, &c. as I am informed. Of the Plantains and Coco-Nuts I shall have occasion to speak when I come into the *East Indies*: and shall defer the giving an account of them till then.

The remainder of these Islands of *Cape Verd*, are *St. Antonio*, *Sta. Lucia*, *St. Vincente*, and *Bona-Vista*: of which I know nothing considerable.

Our entrance among these Islands was from the North East; for in our passage from *Virginia* we ran pretty far toward the Coast of *Gualata* in *Africk*, to preserve the Trade-wind, lest we should be born off too much to the Westward, and so lose the Islands. We anchored at the South of *Sail*, and passing by the South of *St. Nicholas* anchored again at *Mayo*, as hath been said; where we made the shorter stay, because we could get no Flesh among the Inhabitants, by reason of the regret they had at their Governour and his Mens being carried away by *Captain Bond*. So leaving the Isles of *Cape Verd* we stood away to the Southward with the Wind at E. N. E. intending to have

An. 1683

An. 1683 have touched no more till we came to the Streights of *Magellan*. But when we came into the lat. of 10 deg. North, we met the Winds at S. by W. and S.S.W. therefore we altered our resolutions, and steered away for the Coast of *Guinea*; and in few days came to the Mouth of the River of *Sherboro*, which is an *English* Factory, lying South of *Sintra* *Liona*. We had one of our Men who was well acquainted there; and by his direction we went in among the Shoals, and came to an anchor.

Sherboro was a good way from us, so I can give no account of the place, or our Factory there; save that I have been informed, that there is a considerable Trade driven there for a sort of *Red Wood* for Dying, which grows in that Country very plentifully; 'tis called by our people *Cam-wood*. A little within the shore where we anchored was a Town of Negroes, Natives of this Coast. It was skreen'd from our sight by a large Grove of Trees that grew between them and the shore: but we went thither to them several times during the 3 or 4 days of our stay here, to refresh our selves; and they as often came aboard us, bringing with them Plantains, Sugar-canes, Palm-wines, Rice, Fowls and Honey, which they sold us. They were no way shy of us, being well acquainted with the *English*, by reason of our *Guinea-Factories* and Trade. This Town seem'd pretty large; the Houses but low and ordinary; but one great House in the midst of it, where their chief men meet and receive Strangers: and here they treated us with Palm-wine. As to their Persons, they are like other Negroes. While we lay here we scrub'd the bottom of our Ship, and then fill'd all our Water-Casks; and buying up two Puncheons of Rice for our Voyage, we departed from hence about the middle of *November* 1683, prosecuting our intended course towards the Straights of *Magellan*.

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Tornadoes, or Thunder-showers.

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We had but little wind after we got out, and very hot weather with some fierce *Tornadoe's*, commonly rising out of the N. E. which brought Thunder, Lightning and Rain. These did not last long; sometimes not a quarter of an hour, and then the wind would shuffle about to the Southward again, and fall flat calm, for these *Tornadoe's* commonly come against the wind that is then blowing, as our Thunder-Clouds are often observed to do in *England*; but the *Tornadoe's* I shall describe more largely in my Chapter of Winds in the Appendix to this Book. At this time many of our men were taken with Feavers; yet we lost but one. While we lay in the calms we caught several great Sharks; sometimes 2 or 3 in a day, and eat them all, boiling and squeezing them dry, and then stewing them with Vinegar, Pepper, &c. for we had but little flesh aboard. We took the benefit of every *Tornado*, which came sometimes 3 or 4 in day, and carried what Sail we could to get to the Southward, for we had but little wind when they were over; and those small winds between the *Tornadoe's* were much against us, at S. by E. and S. S. E. till we pass the Equinoctial Line, which we cross about a degree to the Eastward of the Meridian of the Isle of *St. Fago*, off the *Cape-Verd* Islands.

At first we could scarce lye S. W. but being got a degree to the Southward of the Line, the wind veer'd more Easterly, and then we stem'd S. W. by S. and as we got farther to the Southward, so the wind came about to the Eastward and freshen'd upon us. In the Lat. of 3 S. we had the wind at E. in the Lat. of 5, we had it at E. S. E. where it stood a considerable time, and blew a fresh top gallant gale. We then made the best use of it, steering on briskly with all the Sail we could make; and this wind by the 18 of *Jan.* carried us into the Lat. of 36 South. In all this time we met with nothing

An. 1683; nothing worthy remark; not so much as a Fish, except Flying Fish, which have been so often described, that I think it needless for me to do it.

Here we found the Sea much changed from its natural greenness, to a white, or palish colour, which caused us to sound, supposing we might strike ground: For when ever we find the colour of the Sea to change, we know we are not far from Land, or shoals which stretch out into the Sea, running from some Land. But here we found no ground with 100 fathom Line. I was this day at noon by reckoning, 48 d. 50 m. West from the *Lizard*, the variation by our morning amplitude 15 d. 50 m. East, the variation increasing. The 20 day one of our Chyrurgeons dyed much lamented, because we had but one more for such a dangerous Voyage.

January 28th we made the *Sibbel de Wards*, which are 3 Islands lying in the lat. of 51 d. 25 m. South, and longitude West from the *Lizard* in *England*, by my account, 57 d. 28 m. the variation here we found to be 23 d. 10 m. I had for a month before we came hither, endeavoured to perswade Captain *Cook* and his Company to anchor at these Islands; where I told them we might probably get water, as I then thought, and in case we should miss of it here, yet by being good Husbands of what we had, we might reach *John Fernando's* in the *South Seas*, before our water was spent. This I urged to hinder their designs of going through the Straights of *Magellan*, which I knew would prove very dangerous to us, the rather, because our men being Privateers, and so more wilful and less under command, would not be so ready to give a watchful attendance in a passage so little known. For altho these men were more under command, than I had ever seen any Privateers, yet I could not expect to find them at a minutes call, in coming to an anchor, or weigh-

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ing Anchor : beside, if ever we should have occasion to moor, or cast out two Anchors, we had not a Boat to carry out or weigh an Anchor. These Islands of *Sible de Wards* were so named by the *Dutch*. They are all three rocky barren Islands without any Tree, only some *Dildo*-bushes growing on them : and I do believe there is no Water on any one of them, for there was no appearance of any Water. The two Northernmost we could not come near, but the Southernmost we came close by, but could not strike ground till within two Cables length of the shore, and there found it to be foul rocky ground.

From the time that we were in 10 degrees South, till we came to these Islands, we had the Wind between E. N. E. and the N. N. E. fair weather, and a brisk gale. The day that we made these Islands we saw great shoals of small Lobsters, which coloured the Sea Red in spots for a mile in compass, and we drew some of them out of the Sea in our Water-Buckets. They were no bigger than the top of a Mans little finger, yet all their Claws both great and small like a Lobster. I never saw any of this sort of Fish naturally red but here ; for ours on the *English Coast*, which are black naturally, are not red till they are boil'd : neither did I ever any where else meet with any Fish of the Lobster shape so small as these ; unless, it may be, Shrimps, or Prawns. Captain *Swan* and Captain *Eaton* met also with shoals of this Fish in much the same Latitude and Longitude.

Leaving therefore the *Sible de Ward* Islands, as having neither good Anchorage nor Water, we sailed on, directing our course for the Streights of *Magellan*. But the Winds hanging in the westward, and blowing hard, oft put us by our Topails ; so that we could not fetch it. The 6th day of *February* we fell in with the Streights *Le Mair*, which

An. 1683 is very high Land on both sides, and the Streights very narrow. We had the Wind at N. N. W. a fresh gale; and seeing the opening of the Streights, we ran in with it, till within four mile of the mouth, and then it fell calm, and we found a strong tide setting out of the Streights to the Northward, and like to founder our Ship; but whether flood or ebb I know not; only it made such a short cockling Sea as if we had been in a race, or place where two tides meet: For it ran every way, sometimes breaking in over our Wasse, sometimes over our Poop, sometimes over our Bow, and the Ship tossed like an Egg-shell, so that I never felt such uncertain jerks in a Ship. At 8 a clock in the evening we had a small Breez at W. N. W. and steered away to the Eastward, intending to go round the *States Island*, the East end of which we reached the next day by noon, having a fresh breez all night.

The 7th day at noon being off the East End of *States Island* I had a good observation of the Sun, and found my self in lat. 54 deg. 52 min. South.

At the East end of *States Island* are three small Islands, or rather Rocks, pretty high, and white with the Dung of Fowls. Wherefore having observed the Sun we haled up South, designing to pass round to the Southward of *Cape Horne*, which is the Southermost Land of *Terra del Fuego*. The Winds hung in the western quarter betwixt the N. W. and the West, so that we could not get much to the Westward, and we never saw *Terra del Fuego* after that evening that we made the Streight *Le Mair*. I have heard that there have been Smokes and Fires on *Terra del Fuego*, not on the tops of Hills, but in Plains and Valleys, seen by those who have sailed through the Streights of *Magellan*; supposed to be made by the Natives.

We did not see the Sun at rising or setting, in order to take an amplitude after we left the *Sibble de Wards*,

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Winds, till we got into the *South Seas*: therefore I *An. 1689*
 know not whether the variation increased any more
 or no. Indeed I had an observation of the Sun at
 noon, in lat. 59 deg. 30 min. and we were then
 standing to the Southward, with the Wind at W. by N.
 and that night the Wind came about more to the
 Southward of the West, and we tackt. I was then
 in lat. 60 by reckning, which was the farthest South
 latitude that ever I was in.

The 14th day of *February*, being in lat. 57. and to
 the West of Cape *Horne*, we had a violent Storm,
 which held us till the third day of *March*, blowing
 commonly at S. W. and S. W. by W. and W. S. W.
 thick weather all the time, with small drizzling Rain,
 but not hard. We made a shift however to save 23
 Barrels of Rain-water, besides what we drest our
 Victuals withal.

March the third the Wind shifted at once, and
 came about at South, blowing a fierce gale of Wind:
 soon after it came about to the Eastward, and we
 stood into the *South Seas*.

The 9th day having an observation of the Sun,
 not having seen it of late, we found ourselves in lat.
 47 d. 10 m. and the variation to be but 15 d. 30 m.
 East.

The Wind stood at S. E. we had fair weather
 and a moderate gale; and the 17th day we were in
 lat. 36 by observation, and then found the variation
 to be but 8 degrees East.

The 19th day when we looked out in the morn-
 ing we saw a Ship to the Southward of us, coming
 with all the Sail she could make after us: we lay
 muzzled to let her come up with us, for we supposed
 her to be a *Spanish Ship* come from *Baldivia* bound to
Lima: we being now to the Northward of *Baldivia*,
 and this being the time of the year when Ships that
 trade thence to *Baldivia* return home. They had
 the same opinion of us, and therefore made sure to

An. 1683 take us, but coming nearer we both found our mistakes. This proved to be one Captain *Eaton* in a Ship sent purposely from *London* for the *South Seas*. We hailed each other, and the Captain came on board, and told us of his actions on the Coast of *Brazil*, and in the River of *Plate*.

He met Captain *Swan* (one that came from *England* to trade here) at the East Entrance into the Streights of *Magellan*, and they accompanied each other through the Streights, and were separated after they were through by the Storm before mentioned. Both we and Captain *Eaton* being bound for *John Fernando's Isle*, we kept company, and we spared him Bread and Beef, and he spared us Water, which he took in as he passed through the Streights.

March the 22d, 1684. we came in sight of the Island, and the next day got in and anchored in a Bay at the South end of the Island, in 25 fathom water, not two Cables lengths from the shore. We presently got out our Canoa, and went ashore to see for a *Moskito Indian*, whom we left here when we were chased hence by three *Spanish Ships* in the year 1681. a little before we went to *Arica*; Captain *Watlin* being then our Commander, after Captain *Sharp* was turned out.

This *Indian* lived here alone above 3 years, and altho he was several times sought after by the *Spaniards*, who knew he was left on the Island, yet they could never find him. He was in the Woods hunting for Goats, when Captain *Watlin* drew off his men, and the Ship was under sail before he came back to shore. He had with him his Gun and a Knife; with a small Horn of Powder, and a few Shot; which being spent, he contrived a way by notching his Knife, to saw the barrel of his Gun into small pieces, wherewith he made Harpoons, Lances, Hooks, and a long Knife; heating the pieces first in the fire, which he struck with his Gun-

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flint, and a piece of the barrel of his Gun, which he hardened; having learnt to do that among the *English*. The hot pieces of Iron he would hammer out and bend as he pleased with Stones, and saw them with his jagged Knife, or grind them to an edge by long labour, and harden them to a good temper, as there was occasion. All this may seem strange to those that are not acquainted with the sagacity of the *Indians*; but it is no more than these *Moskito* men are accustomed to in their own Country, where they make their own Filhing and Striking Instruments, without either Forge or Anvil; tho they spend a great deal of time about them.

Other Wild *Indians* who have not the use of Iron, which the *Moskito* men have from the *English*, make Hatchets of a very hard stone, with which they will cut down Trees, (the Cotton Tree especially, which is a soft tender Wood) to build their Houses or make Canoas; and though in working their Canoas hollow, they cannot dig them so neat and thin, yet they will make them fit for their service. This their digging or hatchet-work they help out by fire; whether for the felling of the Trees, or for the making the inside of their Canoa hollow. These contrivances are used particularly by the *Savage Indians* of *Blewfield's* River, described in the 3d Chapter, whose Canoas and Stone-hatchets I have seen. These Stone-hatchets are about 10 inches long, 4 broad, and 3 inches thick in the middle. They are grownd away flat and sharp at both ends: right in the midst, and clear round if they make a notch, so wide and deep that a man might place his Finger along it, and taking a stick or withe about 4 foot long, they bind it round the Hatchet-head, in that notch, and so twisting it hard, use it as an handle or helve; the head being held by it very fast. Nor are other Wild *Indians* less ingenious. Those of *Patagonia*, particularly, head their Arrows

1683 with Flint, cut or grownd; which I have seen and admired. But to return to our *Moskito* man on the Isle of *John Fernando*. With such Instruments as he made in that manner, he got such Provision as the Island afforded; either Goats or Fish. He told us that at first he was forced to eat Seal, which is very ordinary meat, before he had made Hooks; but afterwards he never kill'd any Seals but to make lines, cutting their skins into thongs. He had a little House or Hut half a mile from the Sea, which was lined with Goats skin; his Couch or Barbecu of sticks lying along about 2 foot distant from the ground, was spread with the same, and was all his Bedding. He had no Cloaths left, having worn out those he brought from *Watlin's* Ship, but only a Skin about his Waste. He saw our Ship the day before we came to an Anchor, and did believe we were *English*, and therefore kill'd 3 Goats in the morning, before we came to an anchor, and dress'd them with Cabbage, to treat us when we came ashore. He came then to the Sea side to congratulate our safe arrival. And when we landed, a *Moskito* Indian named *Robin*, first leapt ashore, and running to his brother *Moskito* man, threw himself flat on his face at his feet; who helping him up and embracing him, fell flat with his face on the ground at *Robins* feet, and was by him taken up also. We stood with pleasure to behold the surprize and tenderness, and solemnity of this interview, which was exceedingly affectionate on both sides; and when their ceremonies of civility were over, we also that stood gazing at them drew near, each of us embracing him we had found here, who was overjoyed to see so many of his old friends come hither, as he thought, purposely to fetch him. He was named *Will*, as the other was *Robin*. These were names given them by the *English*, for they have no names among themselves; and they take it as a great favour to be named

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named by any of us ; and will complain for want of it, if we do not appoint them some name when they are with us : saying of themselves they are poor Men, and have no name. An.1683

This Illand is in lat. 34 d. 15 m. and about 120 leagues from the Main. It is about 12 leagues round, full of high Hills, and small pleasant Valleys; which if manured, would probably produce any thing proper for the Climate. The sides of the Mountains are part Savanahs, part Wood-land. Savanahs are clear pieces of Land without Woods; not because more barren than the Wood-land, for they are frequently spots of as good Land as any, and often are intermixt with Wood-land. In the Bay of *Campeachy* are very large Savanahs, which I have seen full of Cattle: but about the River of *Plate* are the largest that ever I heard of, 50, 60, or 100 miles in length; and *Jamaica*, *Cuba*, and *Hispaniola*, have many Savanahs intermixt with Woods. Places cleared of Wood by Art and Labour do not go by this name, but those only which are found in the uninhabited parts of *America*, such as this Isle of *John Fernandoes*; or which were originally clear in other parts.

The Grass in these Savanahs at *John Fernando's* is not a long flaggy Grass, such as is usually in the Savanahs in the *West-Indies*, but a sort of kindly Grass, both thick and flourishing the biggest part of the year. The Woods afford divers sorts of Trees; some large and good Timber for Building, but none fit for Masts. The Cabbage Trees of this Isle are but small and low; yet afford a good head, and the Cabbage very sweet. This Tree I shall describe in the Appendix, in the Bay of *Campeachy*.

The Savanahs are stocked with Goats in great Herds: but those that live on the East end of the Island are not so fat as those on the West end; for though there is much more Grass, and plenty of

An. 1682 Water in every Valley, nevertheless they thrive not so well here as on the West end, where there is less food; and yet there are found greater Flocks, and those too fatter and sweeter.

That West end of the Island is all high Champion ground without any Vally, and but one place to land; there is neither Wood, nor any fresh Water, and the Grass short and dry.

Goats were first put on the Island by *John Fernando*, who first discovered it in his Voyage from *Lima* to *Baldivia*: (and discovered also another Island about the same bigness, 20 leagues to the Westward of this.) From those Goats these were propogated, and the Island hath taken its name, from this its first Discoverer, who when he returned to *Lima*, desired a Patent for it, designing to settle here; and it was in his second Voyage hither that he set ashore 3 or 4 Goats; which have since by their increase, so well stocked the whole Island. But he could never get a Patent for it, therefore it lies still destitute of Inhabitants, though doubtless capable of maintaining 4 or 500 Families, by what may be produced off the Land only. I speak much within compass; for the Savanahs would at present feed 1000 head of Cattle besides Goats, and the Land being cultivated would probably bear Corn, or Wheat, and good Pease, Yams, or Patatoes; for the Land in their Valleys and sides of the Mountains is of a good black fruitful mould. The Sea about it is likewise very productive of its Inhabitants. *Seals* swarm as thick about this Island, as if they had no other place in the World to live in; for there is not a Bay nor Rock that one can get ashore on; but is full of them. *Sea Lyons* are here in great Companys, and Fish, particularly Snappers and Rock-fish, are so plentiful, that 2 men in an hours time will take with Hook and Line, as many as will serve 100 men.

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The *Seals* are a sort of Creatures pretty well known, yet it may not be amiss to describe them. They are as big as Calves, the head of them like a Dog, therefore call'd by the *Dutch* the *Sea-hounds*. Under each Shoulder grows a long thick Fin: These serve them to swim with when in the Sea, and are instead of Legs to them when on the Land for raising their Bodies up on end, by the help of these Fins or Stumps, and so having their Tail-parts drawn close under them, they rebound as it were and throw their bodies forward, drawing their hinder-parts after them; and then again rising up, and springing forward with their fore-parts, alternately, they lie tumbling thus up and down, all the while they are moving on Land. From their Shoulders to their Tails they grow tapering like Fish, and have two small Fins on each side the Rump; which is commonly covered with their Fins. These Fins serve instead of a Tail in the Sea; and on Land they use them when they give suck to their young. Their colour varies, as black, grey, dun, spotted; they are very sleek and pleasant when they come out of the Sea: For these at *John Fernandos*'s have a thick short Furr; the like I have not taken any where but in these Seas. Here are about a thousand, I might say possibly millions of them, either sitting on the Bays, or going and coming to the Sea round the Island; which is covered with them (as they lye at the top of the Water playing and sunning themselves) for a mile or two from the Shore. When they come out of the Sea they eat like Sheep for their young; and tho' they pass through hundreds of others young ones, before they come to their own, yet they will not suffer any of them to suck. The young ones are like Puppies, and lie much ashore; but when beaten by any of us, they, as well as the old ones, will make toward the Sea, and swim very swift and

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An. 1683 and nimble; tho on shore they lye very sluggishly, and will not go out of our ways unless we beat them, but snap at us. A blow on the Nose soon kills them. Large Ships might here load themselves with *Seals* skins, and Trane-oyl; for they are extraordinary fat. *Seals* are found as well in cold as hot Climates; and in the cold places they love to get on Lumps of Ice, where they will lie and sun themselves, as here on the Land: They are frequent in the Northern parts of *Europe* and *America*, and in the Southern parts of *Africa*, as about the Cape of *Good Hope*, and at the *Streights of Magellan*: and though I never saw any in the *West Indies*, but in the Bay of *Campeachy*, at certain Islands called the *Alceranes*, and at others called the *Desartes*; yet they are over all the *American* Coast of the *South Seas*, from *Terra del Fuego*, up to the Equinoctial Line: but to the North of the Equinox again, in these Seas, I never saw any, till as far as 21 North Lat. Nor did I ever see any in the *East Indies*. In general they seem to resort where there is plenty of Fish, for that is their food: and Fish, such as they feed on, as Cods, Groopers, &c. are most plentiful on rocky Coasts: and such is mostly this Western Coast of the *South America*; as I shall further relate.

The *Sea Lion* is a large creature about 12 or 14 foot long. The biggest part of his body is as big as a Bull: it is shaped like a *Seal*, but 6 times as big. The Head is like a Lion's Head; it hath a broad Face with many long Hairs growing about its Lips like a Cat. It has a great goggle Eye, the Teeth 3 inches long, about the bigness of a Mans Thumb. In Capt. *Sharp's* time some of our Men made Dice with them. They have no Hair on their Bodies like the *Seal*, they are of a dun colour, and are all extraordinary fat; one of them being cut up and boil'd will yeild a Hoghed of Oil, which is very sweet and wholesome to fry Meat withal. The lean Flesh

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is black, and of a coarse grain; yet indifferent good food. They will lye a week at a time ashore if not disturbed. Where 3, or 4, or more of them come ashore together, they huddle one on another like Swine, and grunt like them, making a hideous noise. They eat Fish; which I believe is their common food.

The *Snapper* is a Fish made much like a *Roach*, but a great deal bigger. It hath a large Head and Mouth, and great Gills. The Back is of a bright Red, the Belly of a Silver-colour: The Scales are as broad as a Shilling. The *Snapper* is excellent meat. They are in many places in the *West-Indies*, and the *South-Seas*: I have not seen them any where beside.

The *Rock-fish* is called by Sea-men a *Grooper*: the *Spaniards* call it a *Baccalao*, which is the name for Cod; because it is much like it. It is rounder than the *Snapper*, of a dark brown colour; and hath small Scales no bigger than a Silver-penny. This Fish is good sweet meat, and is found in great plenty on all the Coast of *Peru* and *Chili*.

There are only two Bays in the whole Island where Ships may Anchor; these are both at the East end, and in both of them is a Rivolet of good fresh Water. Either of these Bays may be fortified with little charge, to that degree, that 50 men in each may be able to keep off 1000; and there is no coming into these Bays from the West end, but with great difficulty, over the Mountains, where if 3 men are placed, they may keep down as many as come against them on any side. This was partly experienced by 5 *Englishmen* that Captain *Davis* left here, who defended themselves against a great body of *Spaniards* who landed in the Bays, and came here to destroy them; and though the second time one of their Consorts deserted and fled to the *Spaniards*, yet the other 4 kept their ground, and were afterward taken in from hence by Captain *Strong* of *London*.

We

An. 1683 We remained at *John Fernando's* 16 days ; our sick men were ashore all the time, and one of *Captain Eaton's* Doctors, (for he had 4 in his Ship) tending and feeding them with Goat, and several Herbs, whereof here is plenty growing in the Brooks ; and their Diseases were chiefly Scorbutick.

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The Author departs from John Fernando's Of the Pacifick Sea. Of the Andes, or high Mountains in Peru and Chili. A Prize taken. Isle of Lobos: Penguins, and other Birds there. Three Prizes more. The Islands Gallapago's: The Dildo tree, Burton wood, Mammet-trees, Guanoes, Land Tortoise, their several kind; Green Snakes, Turtle-Doves, Tortoise, or Turtle-grass. Sea Turtle, their several kinds. The Air and Weather at the Gallapago's. Some of the Islands describ'd, their Soil, &c. The Island Cocos describ'd. Cape Blanco, and the Bay of Caldera; the Savanahs there. Captain Cook dies. Of Nicoya, and a Red Wood for Dying, and other Commodities. A narrow Escape of 12 Men. Lancewood. Volcan Vejo, a burning Mountain on the Coast of Ria Lexa. A Tornado. The Island and Harbor of Ria Lexa. The Gulph of Amapalla, and Point Casivina. Isles of Mangeria and Amapalla. The Indian Inhabitants. Hog-plumb-tree. Other Islands in the Gulph of Amapalla. Captain Eaton and Captain Davis careen their Ships here, and afterwards part.

THE 8th of April, 1684. we sailed from the Isle of John Fernando, with the Wind at S. E. We were now 2 Ships in Company: Captain Cook's, whose

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whose Ship I was in, and who here took the Sick-
 nels of which he dy'd a while after; and Captain
Eaton's. Our passage lay now along the *Pacifick Sea*,
 properly so called. For though it be usual with our
 Map-makers to give that Name to this whole O-
 cean, calling it *Mare Australe*, *Mar del Zim*, or *Mare*
Pacificum; yet, in my opinion, the Name of the
Pacifick Sea ought not to be extended from South to
 North farther than from 30 to about 4 degrees South
 Latitude, and from the *American Shore* Westward
 indefinitely, with respect to my Observation; who
 have been in these parts 250 Leagues or more from
 Land, and still had the Sea very quiet from Winds.
 For in all this Tract of Water, of which I have
 spoken, there are no dark rainy Clouds, though
 often a thick Horizon, so as to hinder an Observa-
 tion of the Sun with the Quadrant; and in the
 morning hazy weather frequently, and thick Mists,
 but scarce able to wet one. Nor are there in this
 Sea any Winds but the Trade-wind, no Tempests,
 no Tornado's, or Hurricans (though North of the
 Equator, they are met with as well in this Ocean
 as in the Atlantick) yet the Sea it self at the new
 and full of the Moon, runs with high, large, long
 Surges, but such as never break out at Sea, and so
 are safe enough; unless that where they fell in and
 break upon the shore, they make it bad landing.

In this Sea we made the best of our way toward
 the Line, till in the lat. of 24 S. where we fell in
 with the main Land of the *South America*. All this
 course of the Land, both of *Chili* and *Peru* is vastly
 high; therefore we kept 12 or 14 leagues off from
 shore, being unwilling to be seen by the *Spaniards*
 dwelling there. The Land (especially beyond this,
 from 24 deg. S. Lat. to 17, and from 14 to 10) is of
 a most prodigious heighth. It lies generally in
 ridges parallel to the Shore, and 3 or 4 ridges one
 within another, each surpassing other in heighth;
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and those that are farthest within Land are much higher than the others. They always appear blue when seen at Sea: sometimes they are obscured with Clouds, but not so often as the high Lands in other parts of the world; for here are seldom, or never any Rains on these Hills, any more than in the Sea near it; neither are they subject to Fogs. These are the highest Mountains that ever I saw, far surpassing the *Pike of Teneriffe*, or *Santa Martha*, and I believe any Mountains in the world.

I have seen very high Land in the Lat. of 30 South, but not so high as in the Latitudes before described. In Sir *John Narborough's* Voyage also to *Baldivia* (a City on this Coast) mention is made of very high Land seen near *Baldivia*: and the *Spaniards* with whom I have discoursed have told me, that there is very high Land all the way between *Coquimbo* (which lies in about 30 deg. S. Lat.) and *Baldivia*, which is in 40 South; so that by all likelihood these ridges of Mountains do run in a continued Chain from one end of *Peru* and *Chili* to the other, all along this *South Sea* Coast, called usually the *Andes*, or *Sierra Nevada des Andes*. The excessive height of these Mountains may, possibly, be the reason, that there are no Rivers of note that fall into these Seas. Some small Rivers indeed there are, but very few of them, for in some places there is not one that comes out into the Sea in 150 or 200 Leagues; and where they are thickest they are 30, 40, or 50 Leagues asunder, and too little and shallow to be navigable. Besides, some of these do not constantly run, but are dry at certain seasons of the year: as the River of *Ylo*, runs flush with a quick Current at the latter end of *January*, and so continues till *June*, and then it decreaseth by degrees, growing less, and running slow till the latter end of *September*, when it fails wholly, and runs no more till *January* again: This I have seen at both seasons,

An. 1684 fons, in two former Voyages I made hither, and have been informed by the *Spaniards*, that other Rivers on this Coast are of the like nature, being rather Torrents or Land-floods caused by their Rains at certain seasons far within Land, than Perennial Streams.

We kept still along in sight of this Coast, but at a good distance from it, encountring with nothing of Note, till in the lat. of 9 deg. 40 min. South, on the 3d of *May*, we descried a Sail to the Northward of us. She was plying to Windward, we chased her, and Captain *Eaton* being a head soon took her; she came from *Guiaquil* about a month before, laden with Timber, and was bound to *Lima*. Three days before we took her she came from *Santa*, whither she had gone for Water, and where they had news of our being in these Seas by an Express from *Baldivia*; for as we afterwards heard, Captain *Swan* had been at *Baldivia* to seek a Trade there, and he having met Captain *Eaton* in the Streights of *Magellan*, the *Spaniards* of *Baldivia* were doubtless informed of us by him; suspecting him also to be one of us, tho he was not. Upon this News the Viceroy of *Lima* sent Expresses to all the Sea Ports, that they might provide themselves against our Assaults.

We immediately steered away for the Island *Lobos*, which lieth in lat. 6 deg. 24 min. South lat. (I took the Elevation of it ashore with an Astrolabe) and its 5 leagues from the Main: it is called *Lobos de la Mar*, to distinguish it from another that is not far from it, and extremely like it, called *Lobos de la Terra*, for it lies nearer the Main. *Lobos*, or *Lorvos*, is the *Spanish* Name for a Seal, of which there are great plenty about these, and several other Islands in these Seas that go by this Name.

The 9th of *May* we arrived at this Isle of *Lobos de la Mar*, and came to an anchor with our Prize. This *Lobos* consists indeed of two little Islands, each about a mile round, of an indifferent height, a small

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small Channel between, fit for Boats only; and several Rocks lying on the North side of the Islands, a little way from shore. There is a small Cove or Sandy Bay sheltered from the Winds, at the West end of the Eastermost Island; where Ships may Careen: The rest of the shore, as well round the 2 Islands as between them, is a Rocky Coast, consisting of small Cliffs. Within Land they are both of them partly Rocky, and partly Sandy, Barren, without any fresh Water, Tree, Shrub, Grass, or Herbs; or any Land Animals (for the Seals and Sea-Lyons come ashore here) but Fowls; Of which there are great multitudes; as *Boobies*; but mostly *Penguins*, which I have seen plentifully all over the *South Seas*, on the Coast of *Newfoundland*, and of the *Cape of Good Hope*. They are a Sea Fowl, about as big as a Duck, and such Feet; but a sharp Bill, feeding on Fish: They do not fly but flutter, having rather stumps like a young Gollins, than Wings: And these are instead of Fins to them in the Water. Their Feathers are Downy. Their flesh is but ordinary food; but their Eggs are good Meat. There is another sort of small black Fowl, that make holes in the Sand for their Night habitations, whose flesh is good sweet meat; I never saw any of them but here, and at *John Fernandos*.

There is good riding between the Eastermost Island and the Rocks, in 10, 12, or 14 fathom; for the wind is commonly at S. or S. S. E. and the Eastermost Island lying East and West shelters that Road.

Here we scrubb'd our Ships, and being in a readiness to sail, the Prisoners were Examined; to know if any of them could conduct us to some Town where we might make some attempt: For they had before informed us that we were discried by the *Spaniards*; and by that we knew that they would send no Riches by Sea so long as we were here. Many

An. 1684 Towns were considered on, as *Guiaquil*, *Zana*, *Truxillo*, and others: At last *Truxillo* was pitched on, as the most important; therefore the likeliest to make us a Voyage if we could Conquer it: which we did not much question; though we knew it to be a very populous City. But the greatest difficulty was in Landing; for *Guanchaquo*, which is the nearest Sea-port to it, but 6 miles off, is an ill place to Land; since sometimes the very Fishermen that live there are not able to go out in 3 or 4 days. However the 17th of *May* in the Afternoon, our Men were mustered of both Ships Companies, and their Arms proved. We were in all 108 Men fit for Service; besides the sick: and the next day we intended to Sail and take the *Wood Prize* with us. But the next day one of our Men being ashore betimes on the Island discried three Sail bound to the Northward; two of them without the Island, to the Westward; the other between it and the Continent.

We soon got our Anchors up and chased: and Captain *Eaton*, who drew the least draught of Water, put through between the Westernmost Island and the Rocks, and went after those two that were without the Islands. We in Captain *Cook's* Ship went after the other, which stood in for the Mainland: but we soon fetched her up; and having taken her, stood in again with her to the Island; for we saw that Captain *Eaton* wanted no help, having taken both those that he went after. He came in with one of his Prizes; but the other was so far to Leeward, and so deep that he could not then get her in: but he hoped to get her in the next day: but being deep laden, as designed to go down before the wind to *Panama*, she would not bear Sail.

The 19th day she turned all day; but got nothing nearer the Island. Our *Moskito* strikers according to their custom went out and struck 6 Turtles; for here are indifferent plenty of them. These Ships
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that we took the day before came from *Guanchaquo*, *An. 1684* all three laden with Flower; bound for *Panama*. Two of them were laden as deep as they could swim; the other was not above half laden; but was ordered by the Vice-Roy of *Lima* to sail with the other two, or else she should not sail till we were gone out of the Seas: for he hoped they might escape us by setting out early. In the biggest Ship was a Letter to the President of *Panama* from the Vice-Roy of *Lima*; assuring him, that there were Enemies come into that Sea: for which reason he had dispatched these three Ships with Flower, that they might not want; (for *Panama* is supplied from *Peru*;) and desired him to be frugal of it, for he knew not when he should send more. In this Ship were likewise 7 or 8 Tuns of Marmalate of Quinces; and a stately Mule sent to the President, and a very large Image of the Virgin *Mary* in Wood, Carved and Painted to adorn a new Church at *Panama*, and sent from *Lima* by the Vice-Roy; for this great Ship came from thence not long before. She brought also from *Lima* 800000 pieces of Eight to carry with her to *Panama*: but while she lay at *Guanchaco*, taking in her lading of Flower, the Merchants hearing of Capt. *Swan's* being at *Baldivia*, ordered the Money ashore again. These Prisoners likewise informed us that the Gentlemen (Inhabitants of *Truxillo*) were building a Fort at *Guanchaco* (which is the Sea Port for *Truxillo*) close by the Sea; purposely to hinder the designs of any that should attempt to land there. Upon this news we altered our former resolutions, and resolved to go with our three Prizes to the *Gallapagos*: which are a great many large Islands, lying some under the *Equator*, others on each side of it. I shall here omit the description of *Truxillo*: because in my Appendix at the latter end of the Book, I intend to give a general Relation of most of the Towns of note on this Coast; from *Balaroa* to *Panama*; and from thence towards *California*. H 2 The

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The 19th day in the evening we sailed from the Island *Lobos*, with Captain *Eaton* in our Company. We carried the 3 Flower Prizes with us, but our first Prize laden with Timber, we left here at an Anchor; the Wind was at S. by E. which is the common Trade-Wind here, and we steered away N. W. by N. intending to run into the latitude of the Isles *Gallapagos*, and steer off West, because we did not know the certain distance, and therefore could not shape a direct course to them. When we came within 40 minutes of the Equator, we steered West, having the Wind at South, a very moderate gentle Gale. It was the 31st day of *May* when we first had sight of the Islands *Gallapagos*: Some of them appeared on our Weather-bow, some on our Lee-bow, others right a head. We at first sight trimm'd our Sails, and steered as nigh the Wind as we could, striving to get to the Southermost of them, but our Prizes being deep laden, their Sails but small and thin, and a very small Gale, they could not keep up with us; therefore we likewise edged away again, a point from the Wind, to keep near them; and in the evening the Ship that I was in, and Captain *Eaton*, Anchored on the East side of one of the Eastermost Islands, a mile from the shore, in 16 fathom Water, clean, white, hard Sand.

The *Gallapagos* Islands are a great number of uninhabited Islands, lying under, and on both sides of the Equator. The Eastermost of them are about 110 leagues from the Main. They are laid down in the longitude of 181, reaching to the Westward as far as 176, therefore their longitude from *England* Westward is about 68 degrees. But I believe our Hydrographers do not place them far enough to the Westward. The *Spaniards* who first discovered them, and in whose drafts alone they are laid down, report them to be a great number, stretching North-
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West from the Line, as far as 5 degrees N. but we *An. 1684*
 saw not above 14 or 15. They are some of them
 7 or 8 leagues long, and 3 or 4 broad. They are
 of a good height, most of them flat and even on
 the top; 4 or 5 of the Eastermost are rocky, barren,
 and hilly, producing neither Tree, Herb, nor Grass;
 but a few Dildoe-trees, except by the Sea side. The
 Dildoe-tree is a green prickly shrub, that grows a-
 bout 10 or 12 foot high, without either Leaf or
 Fruit. It is as big as a mans Leg, from the root to
 the top, and it is full of sharp prickles, growing in
 thick rows from top to bottom: This shrub is fit for
 no use, not so much as to burn. Close by the Sea
 there grows in some places bushes of Burton-wood,
 which is very good firing. This sort of Wood grows
 in many places in the *West Indies*, especially in the
 Bay of *Campeachy*, and in the *Sambaloes*. I did never
 see any in these Seas but here. There is Water on
 these barren Islands, in ponds and holes among the
 Rocks: Some other of these Islands are mostly plain
 and low, and the Land more fertile; producing
 Trees of divers sorts, unknown to us. Some of the
 Westermost of these Islands, are 9 or 10 leagues
 long, and 6 or 7 broad; the Mould deep and
 black. These produce Trees of great and tall bo-
 dies, especially Mammee-trees, which grow here in
 great Groves. In these large Islands there are some
 pretty big Rivers; and on many of the other lesser
 Islands, there are Brooks of good Water. The *Spa-*
niards when they first discovered these Islands, found
 multitudes of Guanoes, and Land-turtle or Tortoise,
 and named them the *Gallapago's* Islands. I do be-
 lieve there is no place in the World; that is so
 plentifully stored with these Animals. The Gua-
 noes here, are as fat and large, as any that I ever
 saw; they are so tame, that a man may knock down
 20 in an hours time with a club. The Land-turtle
 are here so numerous, that 5 or 600 men might

An. 1684 subsist on them alone for several months, without any other sort of Provision: They are extraordinary large and fat; and so sweet, that no Pullet eats more pleasantly. One of the largest of these Creatures will weigh 150 or 200 weight, and some of them are 2 foot, or 2 foot 6 inches over the Callapee or Belly. I did never see any but at this place, that will weigh above 30 pound weight. I have heard that at the Isle of *St. Lawrence* or *Madagascar*, and at the *English* Foret, an Island near it, called also *Don Mascarin*, and now possessed by the *French*; there are very large ones, but whether so big, fat, and sweet as these, I know not. There are 3 or 4 sorts of these Creatures in the *West Indies*. One is called by the *Spaniards*, *Hecatee*; these live most in fresh Water-ponds, and seldom come on Land. They weigh about 10 or 15 pound; they have small Legs and flat Feet, and small long Necks. Another sort is called *Tenapen*, these are a great deal less than the *Hecatee*; the Shell on their Backs is all carved naturally, finely wrought, and well clouded: the Backs of these are rounder than those before mentioned; they are otherwise much of the same form: these delight to live in wet swampy places, or on the Land near such places. Both these sorts are very good Meat. They are in great plenty on the *Isle of Pines* near *Cuba*: there the *Spanish* Hunters when they meet them in the Woods bring them home to their Huts, and mark them by notching their Shells, then let them go; this they do to have them at hand, for they never ramble far from thence. When these Hunters return to *Cuba*, after about a Month or six Weeks stay, they carry with them, 3 or 400, or more, of these Creatures to sell; for they are very good Meat, and every man knows his own by their Marks. These Tortoise in the *Gallapago's* are more like the *Hecatee*, except that, as I said before, they are much bigger; and they have very long small Necks

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Necks and little Heads. There are some green Snakes *An. 1684* on these Islands, but no other Land Animal that I did ever see. There are great plenty of Turtle-Doves so tame, that a Man may kill 5 or 6 dozen in a forenoon with a Stick. They are somewhat less than a Pigeon, and are very good Meat and commonly fat.

There are good wide Channels between these Islands fit for Ships to pass; and in some places Shore Water, where there grows plenty of Turtle-grass; therefore these Islands are plentifully stored with Sea-Turtle of that sort which is called the Green-Turtle: I have hitherto deferred the Description of these Creatures, therefore I shall give it here. There are 4 sorts of Sea-turtle, *viz.* the Trunk-turtle, the Loggerhead, the Hawksbill, and the Green Turtle. The Trunk-turtle is commonly bigger than the other, their backs are higher and rounder, and their flesh rank, and not wholesome. The Loggerhead is so called, because it hath a great Head, much bigger than the other sorts; their flesh is likewise very rank, and seldom eaten but in case of necessity; they feed on Moss that grows about Rocks. The Hawksbill Turtle is the least kind; they are so called because their mouths are long and small, somewhat resembling the Bill of a Hawk: On the backs of these Hawksbill Turtle grows that Shell which is so much esteem'd for making Cabinets, Combs, and other things. The largest of them may have 3 pound and an half of Shell; I have taken some that have had 3 pound 10 ounces; but they commonly have a pound and half, or two pound; some not so much: these are but ordinary food, but generally sweeter than the Loggerhead: yet these Hawksbills in some places are unwholesome, causing them that eat them to purge and vomit excessively, especially those between the *Samboloes* and *Portabel*. We meet with other Fish in the *West Indies* of the same malignant nature; but I shall describe them in the Appendix. These Hawksbill Turtles are better or worse accord-

An. 1684 ing to their feeding. In some places they feed on Grass, as the Green Tortoise also doth; in other places they keep among Rocks, and feed on Moss or Sea Weeds; but these are not so sweet as those that eat Grass, neither is their Shell so clear, for they are commonly overgrown with Barnacles, which spoils the Shell; and their Flesh is commonly yellow, especially the fat.

Hawksbill Turtle are in many places of the *West Indies*. They have Islands and places peculiar to themselves where they lay their Eggs, and seldom come among any other Turtle. These, and all other Turtle lay Eggs in the Sand: their time of laying is in *May, June, July*; some begin sooner, some later. They lay three times in a season, and at each time 80 or 90 Eggs. Their Eggs are as big as a Hens Egg, and very round, covered only with a white tough Skin. There are some Bays on the North side of *Jamaica*, where these Hawksbills resort to lay. In the Bay of *Honduras* are Islands which they likewise make their breeding places, and many places along all the Coast on the Main of the *West Indies*, from *Trinidado* to *La Vera Cruz* in the Bay of *Nova Hispania*. When a Sea Turtle turns out of the Sea to lay, she is at least an hour before she returns again; for she is to go above high water mark, and if it be low water when she comes ashore, she must rest once or twice, being heavy, before she comes to the place where she lays. When she hath found a place for her purpose, she makes a great hole with her Fins in the Sand, wherein she lays her Eggs, then covers them 2 foot deep with the same Sand which she threw out of the hole, and so returns: Sometimes they come up the night before they intend to lay, and take a view of the place, and so having made a Tour, or Semicircular March, they return to the Sea again, and they never fail to come ashore the next night to lay near that place.

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All sorts of Turtle use the same methods in laying. *An. 1684*
 I knew a Man in *Jamaica* that made 8 pound Sterling of the Shell of these Hawksbill Turtle which he got in one Season, and in one small Bay, not half a Mile long. The manner of taking them is to watch the Bay, by walking from one part to the other all Night; making no noise, nor keeping any sort of light. When the Turtle come ashore, the Man that watches for them turns them on their backs, then hales them above high water mark, and leaves them till the morning. A large Green Turtle with her weight and struggling will puzzle 2 Men to turn her. The Hawksbill Turtle are not only found in the *West Indies*, but on the Coast of *Guinea*, and in the *East Indies*: I never saw any in the South Seas.

The Green Turtle are so called, because their Shell is greener than any other. It is very thin and clear, and better clouded than the Hawksbill: but 'tis used only for inlays, being extraordinary thin. These Turtles are generally larger than the Hawksbill: One will weigh 2 or 3 hundred pound: Their backs are flatter than the Hawksbill, their heads round and small. Green Turtle are the sweetest of all the kinds: But there are degrees of them, both in respect to their flesh and their bigness. I have observed that at *Blanco* in the *West-Indies* the Green Turtle (which is the only kind there) are larger than any other in the North Seas. There they commonly will weigh 280 or 300 pound: Their Fat is Yellow, and the Lean white, and their flesh extraordinary sweet. At *Bocca Toro* West of *Portabel* they are not so large, their flesh not so white; nor the Fat so Yellow. Those in the Bays of *Honduras* and *Campeachy* are somewhat smaller still, their Fat is green, and the Lean of a darker colour than those at *Boca Toro*. I heard of a Monstrous Green Turtle once taken at *Port Royal* in the Bay of *Campeachy*, that was 4 foot deep from the back to the belly, and

An. 1684 and the belly 6 Foot broad: Captain *Roch's* Son of about 9 or 10 Years of Age went in it, as in a boat, on board his Father's Ship about a quarter of a Mile from the shore. The leaves of Fat afforded 8 Gallons of Oyl. The Turtle that live among the Keys or small Islands on the South side of *Cuba*, are a mixt sort, some bigger some less; and so their flesh is of a mixt colour, some green, some dark, some yellowish. With these *Port Royal* in *Jamaica* is constantly supplied, by Sloops that come hither with Nets to take them. They carry them alive to *Jamaica*, where the Turtlers have wires made with Stakes in the Sea to preserve them alive: and the Market is every day plentifully stored with Turtle, it being the common food there, chiefly for the ordinary sort of People.

Green Turtle live on Grass which grows in the Sea, in 3, 4, 5, or 6 fathom water at most of the places before mentioned. This Grass is different from *Manatee* Grass; for that is a small blade: but this a quarter of an Inch broad and 6 Inches long. The Turtle of these Islands *Gallapagos*, are a sort of a bastard Green Turtle; for their Shell is thicker than other Green Turtle in the *West* or *East Indies*, and their flesh is not so sweet. They are larger than any other Green Turtle; for it is common for these to be 2 or 3 foot deep, and their Callapees, or bellies 5 foot wide: but there are other Green Turtle in the *South Seas* that are not so big as the smallest *Hawksbill*. These are seen at the Island *Plata*, and other places thereabouts: They feed on Moss, and are very rank, but fat.

Both these sorts are different from any others: For both He's and She's come ashore in the day time, and lye in the Sun; but in other places none but the She's go ashore, and that in the night only, to lay their Eggs: The best feeding for Turtle in the *South Seas* is among these *Gallapago* Islands: for here is plenty of Grass. There

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There is another sort of Green Turtle in the *South Seas* which are but small, yet pretty sweet: *An. 1684*
 These lye Westward on the Coast of *Mexico*. One thing is very strange and remarkable in these Creatures; that at the breeding time they leave for 2 or 3 Months their common haunts where they feed most of the Year, and resort to other places, only to lay their Eggs: And 'tis not thought that they eat any thing during this Season: So that both He's and She's, grow very lean; but the He's to that degree that none will eat them. The most remarkable places that I did ever hear of for their breeding, is at an Island in the *West Indies* called *Caimanes*, and the Isle *Ascension* in the *Western Ocean*: and when the breeding time is past there are none remaining. Doubtless they swim some hundreds of Leagues to come to those two places: For it hath been often observed that at *Caimanes*, at the breeding time, there are found all those sorts of Turtle before described. The *South Keys* of *Cuba* are above 40 Leagues from thence; which is the nearest place that these Creatures can come from: and it is most certain, that there could not live so many there as come here in one Season.

Those that go to lay at *Ascension* must needs travel much farther; for there is no Land nearer it than 300 Leagues: And it is certain that these Creatures live always near the shore. In the *South Sea* likewise the *Gallapagos* is the place where they live the biggest part of the Year; yet they go from thence at their Season over to the Main, to lay their Eggs; which is 100 Leagues, the nearest place. Altho' multitudes of these Turtles go from their common places of feeding and abode, to those laying places, yet they do not all go: And at the time when the Turtle resort to these places to lay their Eggs, they are accompanied with abundance of Fish, especially Sharks; the places which the Turtle then leave be-
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An. 1684 ing at that time destitute of Fish, which follow the
 Turtle.

When the She's go thus to their places to lay, the Male accompany them, and never leave them till their return: Both Male and Female are Fat the begining of the Season; but before they return, the Male, as I said, are so lean that they are not fit to eat; but the Female are good to the very last: Yet not so Fat as at the beginning of the Season. It is reported of these Creatures, that they are 9 days engendring, and in the Water; the Male on the Females back. It is observable that the Male while engendring do not easily forsake their Female: For I have gone and taken hold of the Male when ingendring: and a very bad striker may strike them then; for the Male is not shie at all: but the Female seeing a Boat, when they rise to blow, would make her escape, but that the Male grasps her with his 2 fore Fins, and holds her fast. When they are thus coupled it is best to strike the Female first, then you are sure of the Male also. These Creatures are thought to live to a great Age; and it is observed by the *Jamaica* Turtlers, that they are many years before they come to their full growth.

The air of these Islands is temperate enough considering the Clime. Here is constantly a fresh Sea breeze all Day, and cooling refreshing winds in the Night: Therefore the heat is not so violent here, as in most places near the *Equator*. The time of the Year for the Rains is in *November*, *December* and *January*. Then there is oftentimes excessive dark Tempestuous weather, mixt with much Thunder and Lightning. Sometimes before and after these Months there are moderate refreshing Showers; but in *May*, *June*, *July*, and *August* the weather is alway very fair.

We staid at one of these Islands, which lies under the *Equator*, but one Night; because our Prizes could

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could not get into an Anchor. We refresh'd our selves very well, both with Land and Sea Turtles: and the next day we sail'd from thence. The next Island of the *Gallapagos* that we came to is but 2 Leagues from this: 'Tis Rocky and barren like this; it is about 5 or 6 Leagues long, and 4 broad. We Anchored in the Afternoon, at the North side of the Island, a quarter of a Mile from the shore, in 16 fathom water. It is steep all round this Island, and no Anchoring only at this place. Here it is but ordinary riding; for the ground is so steep, that if an Anchor starts it never holds again; and the wind is commonly off from the Land, except in the Night, when the Land-wind comes more from the West; for there it blows right along the shore, though but faintly. Here is no water but in Ponds and holes of the Rocks. That which we first Anchored at hath water on the North end; falling down in a stream from high steep Rocks, upon the Sandy Bay, where it may be taken up. As soon as we came to an Anchor, we made a Tent ashore for Captain *Cook*, who was sick. Here we found the Sea Turtle lying ashore on the Sand: this is not customary in the *West Indies*. We turned them on their backs that they might not get away. The next day more came up; when we found it to be their custom to lye in the Sun: so we never took care to turn them afterwards; but sent ashore the Cook every morning, who kill'd as many as served for the day: This custom we observed all the time we lay here; feeding sometimes on Land Turtle, sometimes on Sea Turtle; there being plenty of either sort. Captain *Davis* came hither again a second time; and then he went to other Islands on the West side of these. There he found such plenty of Land Turtle, that he and his Men eat nothing else for 3 Months that he staid there. They were so Fat that he saved 60 Jars of Oyl out of those that he spent: This

Oyl

17th. 1684 Oyl served instead of Butter to eat with Dough-boys or Dumplin's, in his return out of these Seas. He found very convenient places to Careen, and good Channels between the Islands; and very good Anchoring in many places. There he found also plenty of brooks of good fresh water; and fire wood enough: there being plenty of Trees fit for many uses. Captain *Harris*, one that we shall speak of hereafter, came hither likewise; and found some Islands that had plenty of *Mammee-trees*, and pretty large Rivers. The Sea about these Islands is plentifully stored with Fish, such as are at *John Fernando's*. They are both large, and Fat; and as plentiful here as at *John Fernando's*: Here are particularly abundance of Sharks. The North part of this second Isle we anchor'd at lyes 28 minutes North of the *Equator*. I took the height of the Sun with an *Astrolabe*. These Isles of the *Gallapagos* have plenty of Salt. We stay'd here but 12 days; in which time we put ashore 5000 packs of flower, for a reserve, if we should have occasion of any before we left these Seas. Here one of our *Indian* Prisoners informed us that he was born at *Ria Lexa*, and that he would engage to carry us thither. He being examin'd of the strength and riches of it, satisfy'd the Company so well, that they were resolv'd to go thither.

Having thus concluded; the 12th of *June* we sail'd from hence, designing to touch at the Island *Cocos*, as well to put ashore some Flower there, as to see the Island, because it was in our way to *Ria Lexa*. We steer'd North, till in Lat. 4. d. 40 min. intending then to steer W. by N.; for we expected to have had the Wind at S. by E. or S. S. E. as we had on the South side of the *Equator*. Thus I had formerly found the Winds near the shore in these latitudes: but when we first parted from the *Gallapagos*, we had the Wind at S.; and as we sail'd farther North we had the Winds at S. by W. then at S. S. W.

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S. S. W., Winds which we did not expect. We thought at first that the Wind would come about again to the South; but when we came to sail off West to the Island *Cocos*, we had the Wind at S.W. by S. and could lye but W. by N. Yet we stood that course till we were in the lat. 5 d. 40 m. North; and then despairing, as the Winds were, to find the Island *Cocos*, we steer'd over to the Main; for had we seen the Island then we could not have fetcht it, being so far to the North of it.

The Island *Cocos* is so named by the *Spaniards*, because there are abundance of Coco-nut Trees growing on it. They are not only in one or two places, but grow in great Groves, all round the Island, by the Sea. This is an uninhabited Island, it is 7 or 8 leagues round, and pretty high in the middle, where it is destitute of Trees, but looks very green and pleasant, with an Herb called by the *Spaniards*, *Gramadael*. It is low Land by the Sea side.

This Island is in 5 d. 15 m. North of the Equator; it is environed with Rocks, which makes it almost inaccessible: only at the N.E. end there is a small Harbor where Ships may safely enter and ride secure. In this Harbour there is a fine Brook of fresh Water running into the Sea. This is the account that the *Spaniards* give of it, and I had the same also from Captain *Eaton*, who was there afterward.

Any who like us had not experienced the nature of the Winds in these parts, might reasonably expect that we could have sailed with a flown sheet to *Ria Lexa*; but we found our selves mistaken, for as we came nearer the shore, we found the winds right in our Teeth; but I shall refer my Reader to the Chapter of Winds, in the Appendix, for a further account of this.

We had very fair weather and small winds in this Voyage from the *Gallapagos*, and at the beginning of *July* we fell in with *Cape Blanco*, on the Main of *Mexico*.

An. 1684

An. 1684 Mexico. This is so called from two white Rocks lying off it. When we are off at Sea, right against the Cape, they appear as part of the Cape; but being near the shore, either to the Eastward or Westward of the Cape, they appear like two Ships under sail, at first view, but coming nearer, they are like two high Towers; they being small, high, and steep on all sides, and they are about half a mile from the Cape. This Cape is in lat. 9 d. 56 m. It is about the height of *Beachy-head* in *England*, on the Coast of *Suffex*. It is a full point, with steep Rocks to the Sea. The top of it is flat and even for about a mile; then it gradually falls away on each side with a gentle descent. It appears very pleasant, being covered with great lofty Trees. From the Cape on the N. W. side the Land runs in N. E. for about 4 leagues, making a small Bay called by the *Spaniards* *Caldera*. A league within *Cape Blanco*, on the N. W. side of it, and at the entrance of this Bay, there is a small Brook of very good water running into the Sea. Here the Land is low, making a sading between two small Hills. It is very rich Land, producing large tall Trees of many sorts; the Mold is black and deep, which I have always taken notice of to be a fat soil. About a mile from this Brook towards the N. E. the VWood land terminates. Here the Savannah land begins, and runs some leagues into the Country, making many small Hills and Dales. These Savannahs are not altogether clear of Trees, but are here and there sprinkled with small Groves, which render them very delightful. The Grass which grows here is very kindly, thick and long; I have seen none better in the *West Indies*. Toward the bottom of the Bay the Land by the Sea is low and full of Mangroves, but farther in the Country the Land is high and mountainous. The Mountains are part VWoodland, part Savannah. The Trees in those V Woods are but small and short; and the Mountains

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Mountain Savannahs are cloathed but with indifferent Grass. From the bottom of this Bay, it is but 14 or 15 leagues, to the Lake of *Nicaragua* on the North-Sea Coast: the way between is somewhat Mountainous, but most Savannah.

Captain *Cook*, who was taken sick at *John Fernandes*, continued so till we came within 2 or 3 leagues of *Cape Blanco*, and then dyed of a sudden; tho he seem'd that morning to be as likely to live, as he had been some weeks before; but it is usual with sick men coming from the Sea, where they have nothing but the Sea Air, to dye off as soon as ever they come within the view of the Land. About 4 hours after we all came to an Anchor, (namely the the Ship that I was in, Captain *Eaton*, and the great Meal Prize,) a league within the Cape, right against the Brook of Fresh-water, in 14 fathom clear hard Sand. Presently after we came to an Anchor, Captain *Cook* was carried ashore to be buried; 12 men carried their Arms to guard those that were ordered to dig the Grave; for although we saw no appearance of Inhabitants, yet we did not know but the Country might be thick inhabited. And before Captain *Cook* was interr'd, 3 *Spanish Indians* came to the place where our men were digging the Grave, and demanded what they were; and from whence they came? to whom our men answer'd, they came from *Lima*, and were bound to *Ria Lexa*, but that the Captain of one of the Ships dying at Sea, oblig'd them to come into this place to give him Christian burial. The 3 *Spanish Indians*, who were very shy at first, began to be more bold; and drawing nearer, asked many silly questions, and our men did not flick to sooth them up with as many fallhoods, purposely to draw them into their clutches. Our men often laugh'd at their temerity, and asked them if they never saw any *Spaniards* before? They told them, that they themselves were

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An. 1684 *Spaniards*, and that they lived among *Spaniards*, and that altho they were born there, yet they had never seen 3 Ships there before: Our men told them, that neither now might they have seen so many, if it had not been on an urgent occasion. At length they drill d them by discourse so near, that our men lay d hold on all three at once; but before Captain *Cook* was buried, one of them made his escape, the other two were brought off aboard our Ship. Captain *Eaton* immediately came aboard and examined them; they confessed that they came purposely to view our Ship, and if possible, to inform themselves what we were; for the President of *Panama* not long before, sent a Letter of advice to *Nicoya*, informing the Magistrates thereof, that some Enemies were come into these Seas, and that therefore it behoved them to be careful of themselves. *Nicoya* is a small Mulatto Town, about 12 or 13 leagues East from hence, standing on the Banks of a River of that name. It is a place very fit for building Ships, therefore most of the Inhabitants are Carpenters; who are commonly imployed in building new, or repairing old Ships. It was here that Captain *Sharp* (just after I left him, in the year 1681,) got Carpenters to fix his Ship, before he returned for *England*: and for that reason it behoved the *Spaniards* to be careful, (according to the Governor of *Panama's* advice,) lest any men at other times wanting such necessaries as that place afforded, might again be supplied there. These *Spanish Indians* told us likewise, that they were sent to the place where they were taken, in order to view our Ships, as fearing these were those mentioned by the President of *Panama*: It being demanded of them to give an account of the Estate and Riches of the Country, they said that the Inhabitants were most Husbandmen, who were imployed either in Planting and Manuring of Corn, or chiefly about Cattle; they having large Savan-
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nahs, which were well stored with Bulls, Cows, and Horses: that by the Sea side in some places, there grew some Red-wood, useful in Dying; of this they said there was little profit made, because they were forced to send it to the Lake of *Nicaragua*, which runs into the North Seas: that they sent thither also great quantities of Bull and Cow Hides, and brought from thence in exchange *Europe* Commodities; as Hats, Linnen, and Woollen, wherewith they cloathed themselves; that the flesh of the Cattle turned to no other profit than sustenance for their Families; as for Butter and Cheese they make but little in those parts. After they had given this Relation, they told us, that if we wanted Provision, there was a Beef-plantation, or Farm of Bulls or Cows about 3 mile off, where we might kill what we pleas'd. This was welcom news, for we had no sort of Flesh since we left the *Gallapagos*; therefore 24 of us immediately entered into two Boats, taking one of these *Spanish Indians* with us for a Pilot, and went ashore about a league from the Ship. There we haled up our Boats dry, and marched all away, following our Guide, who soon brought us to some Houses, and a large Pen for Cattle. This Pen stood in a large Savannah, about 2 mile from our Boats: There were a great many fat Bulls and Cows feeding in the Savannahs: some of us would have killed 3 or 4 to carry on board, but others opposed it, and said it was better to stay all night, and in the morning drive the Cattle into the Pen, and then kill 20 or 30, or as many as we pleased. I was minded to return aboard, and endeavoured to perswade them all to go with me, but some would not; therefore I returned with 12, which was half, and left the other 12 behind. At this place I saw 3 or 4 Tun of the Red-wood, which I take to be that sort of Wood, call'd in *Jamaica* Blood-wood, or *Nicaragua*-wood. We who

An. 1684 returned aboard, met no one to oppose us, and the next day we expected our Consorts that we left ashore, but none came; therefore at 4 a Clock in the afternoon, 10 men went in our Canoa to see what was become of them: When they came to the Bay where we landed, to go to the Estation, they found our men all on a small Rock, half a mile from the shore, standing in the Water up to their waistes. These men had slept ashore in the house, and turned out betimes in the morning to pen the Cattle: 2 or 3 went one way, and as many another way to get the Cattle to the Pen, and others stood at the Pen to drive them in. When they were thus scatter'd, about 40 or 50 armed *Spaniards* came in among them: Our men immediately call'd to each other, and drew together in a body before the *Spaniards* could attack them; and marched to their Boat, which was hal'd up dry on the Sand. But when they came to the Sandy Bay, they found their Boat all in flames. This was a very displeasing sight, for they knew not how to get aboard, unless they marched by land to the place where Captain Cook was buried, which was near a league. The greatest part of the way was thick Woods, where the *Spaniards* might easily lay an Ambush for them, at which they are very expert. On the other side, the *Spaniards* now thought them secure; and therefore came to them, and asked them if they would be pleas'd to walk to their Plantations, with many other such flouts; but our men answered never a word. It was about half ebb, when one of our men took notice of a Rock a good distance from the shore, just appearing above Water; he shew'd it to his Consorts, and told them it would be a good Castle for them if they could get thither. They all wisht themselves there; for the *Spaniards*, who lay as yet at a good distance from them behind the Bushes, as secure of their prey, began to whistle now and then
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a shot among them. Having therefore well consider'd the place, together with the danger they were in, they propos'd to send one of the tallest men to try if the Sea between them and the Rock were fordable: This counsel they presently put in execution, and found it according to their desire. So they all march'd over to the Rock, where they remained till the Canoa came to them; which was about 7 hours. It was the latter part of the Ebb when they first went over, and then the Rock was dry; but when the Tyde of Flood returned again, the Rock was cover'd, and the Water still flowing; so that if our Canoa had stay'd but one hour longer, they might have been in as great danger of their lives from the Sea, as before from the *Spaniards*; for the Tyde riseth here about 8 foot. The *Spaniards* remained on the shore, expecting to see them destroy'd, but never came from behind the Bushes where they first planted themselves; they having not above 3 or 4 Hand-guns, the rest of them being arm'd with Lances. The *Spaniards* in these parts are very expert in heaving or darting the Lance; with which, upon occasion, they will do great feats, especially in Ambuscades: and by their good will they care not for fighting otherwise, but content themselves with standing aloof, threatening and calling names, at which they are as expert as the other; so that if their Tongues be quiet, we always take it for granted they have laid some Ambush. Before night our Canoa came aboard, and brought our men all safe. The next day two Canoas were sent to the bottom of the Bay to seek for a large Canoa, which we were inform'd was there. The *Spaniards* have neither Ships nor Barks here, and but a few Canoas, which they seldom use: neither are there any Fishermen here, as I judge, because Fish is very scarce; for I never saw any here, neither could any of our men ever take any; and yet where-ever

An. 1684 we come to an Anchor, we always send out our Strikers, and put out our Hooks and Lines overboard, to try for Fish. The next day our men return'd out of the Bay, and brought the Canoa with them which they were sent for, and 3 or 4 days afterward the 2 Canoas were sent out again for another, which they likewise brought aboard. These Canoas were fitted with Thoats or Benches, Straps, and Oars, fit for service; and one of these Captain *Eaton* had for his share, and we the other, which we fixt for landing men when occasion required. While we lay here we filled our Water, and cut a great many Looms, or Handles, or Staves for Oars; for here is plenty of Lancewood, which is most proper for that use. I never saw any in the *South Seas*, but in this place: there is plenty of it in *Jamaica*, especially at a place called *Blewfields* (not *Blewfields* River which is on the Main) near the West end of that Island. The Lancewood grows strait like our young Ashes; it is very hard, tough and heavy, therefore Privateers esteem it very much, not only to make Looms for Oars, but Scowring-Rods for their Guns; for they have seldom less than 3 or 4 spare Rods for fear one should break, and they are much better than Rods made of Ash.

The day before we went from hence Mr. *Edward Davis*, the Company's Quarter-master, was made Captain by consent of all the Company; for it was his place by Succession. The 20th day of *July* we sailed from this Bay of *Caldera*, with Captain *Eaton*, and our Prize which we brought from *Gallapago's* in company, directing our course for *Ria Lexa*. The Wind was at North, which although but an ordinary Wind, yet it carried us in three days abreast of our intended Port.

Ria Lexa is the most remarkable Land on all this Coast, for there is a high peaked burning Mountain, called by the Spaniards *Volcan-Veja*, or the Old Volcan:

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Volcan: This must be brought to bare N. E. then steer in directly with the Mountain, and that course will bring you to the Harbour. The Sea Winds are here at S. S. W. ; therefore Ships that come hither must take the Sea-winds, for there is no going in with the Land-wind. The *Volcan* may be easily known; because there is not any other so high a Mountain near it, neither is there any that appears in the like form all along the Coast ; besides it smoaks all the day, and in the night it sometimes sends forth flames of fire. This Mountain may be seen 20 leagues : being within 2 leagues of the Harbor the entrance into it may be seen: there is a small flat low Island which makes the Harbor, it is about a mile long, and a quarter of a mile broad, and is from the Main about a mile and half. There is a Channel at each end of the Island ; the West Channel is the widest and safest, yet at the N. W. point of the Island there is a shoal which Ships must take heed of in going in. Being past that shoal you must keep close to the Island, for there is a whole sandy point strikes over from the Main almost half way. The East Channel is not so wide, besides there runs a stronger tide; therefore Ships seldom or never go in that way. This Harbor is capable of receiving 200 Sail of Ships ; the best riding is near the Main, where there is 7 or 8 fathom water, clean hard Sand.

Ria Lexa Town is 2 leagues from hence, and there are 2 Creeks that run towards it ; the Westernmost comes near the backside of the Town, the other runs up to the Town, but neither Ships nor Barks can go so far. These Creeks are very narrow, and the Land on each side drowned and full of Red Mangrove-trees. About a mile and half below the Town, on the banks of the East Creek, the *Spaniards* had cast up a strong Breast-work ; it was likewise reported they had another on the West Creek,

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An. 1684 both so advantageously placed, that 10 men might with ease keep 200 men from landing. I shall give a description of the Town in my return hither, and therefore forbear to do it here. Wherefore to resume the thread of our course, we were now in sight of the *Volcan*, being by estimation 7 or 8 leagues from the shore, and the Mountain bearing N. E. we took in our Topfails and hal'd up our Courses, intending to go with our Canoa into the Harbor in the night. In the evening we had a very hard Tornado, out of the N. E. with much Thunder, Lightning and Rain. The violence of the Wind did not last long, yet it was 11 a clock at night before we got out our Canoa, and then it was quite calm. We rowed in directly for the shore, and thought to have reach'd it before day, but it was 9 a clock in the morning before we got into the Harbor. When we came within a league of the Island of *Ria Lexa*, that makes the Harbor, we saw a House on it, and coming nearer we saw 2 or 3 men, who stood and looked on us till we came within half a mile of the Island, then they went into their Canoa, which lay on the inside of the Island, and rowed towards the Main; but we overtook them before they got over, and brought them back again to the Island. There was a Horseman right against us on the Main when we took the Canoa, who immediately rode away towards the Town as fast as he could. The rest of our Canoa's rowed heavily, and did not come to the Island till 12 a clock, therefore we were forced to stay for them. Before they came we examined the Prisoners, who told us, that they were set there to watch, for the Governor of *Ria Lexa* received a Letter about a month before, wherein he was advised of some Enemies come into the Sea, and therefore admonished to be careful; that immediately thereupon the Governor had caused a House to be built on this Island, and ordered 4 men to be continually there

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there to watch night and day ; and if they saw any Ship coming thither they were to give notice of it. They said they did not expect to see Boats or Canoas, but lookt out for a Ship. At first they took us in our advanced Canoa to be some men that had been cast away and lost our Ship : till seeing 3 or 4 Canoas more, they began to suspect what we were. They told us likewise, that the Horsfeman which we saw did come to them every morning, and that in less than an hours time he could be at the Town. When Captain *Eaton* and his Canoas came ashore, we told them what had hapned. It was now 2 hours since the Horsfeman rode away, and we could not expect to get to the Town in less than two hours ; in which time the Governor having notice of our coming might be provided to receive us at his Breast-works ; therefore we thought it best to defer this design till another time.

There is a fine Spring of fresh water on the Island, there are some Trees also, but the biggest part is Savannah, whereon is good grass, though there is no sort of Beast to eat it. This Island is in lat. 12 d. 10 m. North. Here we stay'd till 4 a clock in the afternoon ; then our Ships being come within a league of the shore we all went on board, and steer'd for the Gulf of *Amapalla*, intending there to careen our Ships.

The 26th of *July* Captain *Eaton* came aboard our Ship, to consult with Captain *Davis*, how to get some *Indians* to assist us in careening : it was concluded, that when we came near the Gulf, Captain *Davis* should take two Canoas, well mann'd, and go before, and Captain *Eaton* should stay aboard. According to this agreement, Captain *Davis* went away for the Gulf the next day.

The Gulf of *Amapalla* is a great Arm of the Sea, running 8 or 10 leagues into the Country. It is bounded on the South side of its Entrance with
Point

An. 1684 Point *Casvina*, and on the N. W. side with *St. Michaels* Mount. Both these places are very remarkable: Point *Casvina* is in lat. 12 d. 40 m. North: it is a high round Point, which at Sea appears like an Island; because the Land within it is very low. *St. Michaels* Mount is a very high peaked Hill, not very steep: the Land at the foot of it on the S. E. side, is low and even, for at least a mile. From this low Land the Gulf of *Amapalla* enters on that side. Between this low Land and Point *Casvina*, there are two considerable high Islands; the Southernmost is called *Magera*, the other is called *Amapalla*; and they are two miles asunder.

Magera is a high round Island, about 2 leagues in compass, appearing like a tall Grove. It is environed with Rocks all round, only a small Cove, or Sandy Bay on the N. E. side. The Mold and Soil of this Island is black, but not deep; it is mixt with Stones, yet very productive of large tall Timber Trees. In the middle of the Island there is an *Indian* Town, and a fair *Spanish* Church. The *Indians* have Plantations of Maiz round the Town, and some Plantains: They have a few Cocks and Hens, but no other sort of tame Fowl; neither have they any sort of Beast, but Cats and Dogs. There is a path from the Town to the Sandy Bay; but the way is steep and rocky. At this sandy Bay there are always 10 or 12 Canoas lye haled updry, except when they are in use.

Amapalla is a larger Island than *Magera*; the Soil much the same. There are two Towns on it, about two miles asunder; one on the North side, the other on the East side: That on the East side is not above a mile from the Sea; it stands on a Plain on the top of an Hill, the path to it so steep and rocky, that a few men might keep down a great number, only with Stones. There is a very fair Church standing in the midst of the Town.

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The other Town is not so big, yet it has a good handfom Church. One thing I have observed in all the *Indian* Towns under the *Spanish* Government, as well in these parts as in the Bay of *Campeachy*, and elsewhere, that the Images of the *Virgin Mary* and other Saints, (with which all their Churches were filled) are still painted in an *Indian* Complexion, and partly in that dress; but in those Towns which are inhabited chiefly by *Spaniards*, the Saints also conform themselves to the *Spanish* garb and complexion. The Houses here are but mean: the *Indians* of both Plains have good Field Maiz, remote from the Town: They have but few Plantains, but they have abundance of large Hog-plumb Trees growing about their Houses. The Tree that bears this Fruit is as big as our largest Plumb-tree: The Leaf is of a dark green colour, and as broad as the Leaf of a Plumb-tree; but they are shaped like the Haw-thorn Leaf. The Trees are very brittle Wood; the Fruit is oval, and as big as a small Horse Plumb. It is at first very green, but when it is ripe, one side is yellow, the other red. It hath a great Stone and but little substance about it: the Fruit is pleasant enough; but I do not remember that ever I saw one thoroughly ripe, that had not a Maggot or two in it. I do not remember that I did ever see any of this Fruit in the South Seas, but at this place. In the Bay of *Campeachy* they are very plentiful, and in *Jamaica* they plant them to fence their ground. These *Indians* have also some Fowls, as those at *Mangera*: no *Spaniards* dwell among them, but only one *Padre* or Priest, who serves for all three Towns; these two at *Amapalla*, and that at *Mangera*. They are under the Governor of the Town of *St. Michaels*, at the foot of *St. Michaels* Mount, to whom they pay their Tribute in Maize; being extremely poor, yet very contented. They have nothing to make Money of, but their Plantations of Maiz and their

An. 1684 their Fowls; the *Padre* or Frier hath his tenths of it, and knows to a peck how much every man hath, and how many Fowls, of which they dare not kill one, though they are sick, without leave from him. There was (as I said) never another white man on these Islands, but the Frier. He could speak the *Indian* Language, as all Friers must that live among them. In this vast Country of *America* there are divers Nations of *Indians*, different in their Language, therefore those Friers that are minded to live among any Nation of the *Indians*, must learn the Language of those people they propose to teach. Although these here are but poor, yet the *Indians* in many other places have great riches, which the *Spaniards* draw from them for trifles: In such places the Friers get plentiful incomes; as particularly in the Bay of *Champeachy*, where the *Indians* have large *Cacao*-walks; or in other places where they plant *Cocho*-nel Trees, or *Silvester* Trees; or where they gather *Vinelloes*, and in such places where they gather *Gold*. In such places as these, the Friers do get a great deal of wealth. There was but one of all the *Indians* on both these Islands that could speak *Spanish*; he could write *Spanish* also, being bred up purposely, to keep their Registers and Books of Account: he was Secretary to both Islands. They had a *Casica* too, (a small sort of Magistrate the *Indians* have amongst themselves), but he could neither write nor speak *Spanish*.

There are a great many more Islands in this Bay, but none inhabited as these. There is one pretty large Island, belonging to a Nunnery, as the *Indians* told us, this was stocked with Bulls and Cows: there were 2 or 4 *Indians* lived there to look after the Cattle, for the sake of which we often frequented this Island, while we lay in the Bay: they are all low Islands, except *Amapalla* and *Mangera*. There are 2 Channels to come into this Gulf,

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ne between Point *Casvina* and *Mangera*, the other between *Mangera* and *Amapalla*: the latter is the best. The Riding place is on the East side of *Amapalla*, right against a spot of low ground; for all the Island except this one place is high Land. Running in farther, Ships may Anchor near the Main, on the N. E. side of the Island *Amapalla*. This is the place most frequented by *Spaniards*: it is called the Port of *Martin Lopez*. This Gulf or Lake runs in some leagues beyond all the Islands; but it is shole water, and not capable of Ships.

It was into this Gulf that Captain *Davis* was gone with the two Canoas, to endeavour for a Prisoner, to gain intelligence, if possible, before our Ships came in: He came the first night to *Mangera*, but for want of a Pilot, did not know where to look for the Town. In the morning he found a great many Canoas haled up on the Bay; and from that Bay found a path which led him and his company to the Town. The *Indians* saw our Ships in the evening coming towards the Island, and being before informed of Enemies in the Sea, they kept Scouts out all night for fear: who seeing Captain *Davis* coming, run into the Town, and alarmed all the people. When Captain *Davis* came thither, they all run into the Woods. The Fryer hapned to be there at this time; who being unable to ramble into the Woods, fell into Captain *Davis*'s hands: There were two *Indian* Boys with him, who were likewise taken. Captain *Davis* went only to get a Prisoner, therefore was well satisfy'd with the Fryer, and immediately came down to the Sea side. He went from thence to the Island *Amapalla*, carrying the Fryer and the two *Indian* Boys with him. These were his Pilots to conduct him to the Landing place, where they arrived about noon. They made no stay here, but left 3 or 4 men to look after the Canoas, and Captain *Davis* with the rest marched to
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An. 1684 the Town, taking the Fryer with them. The Town, as is before noted, is about a mile from the Landing place, standing in a plain on the top of the hill, having a very steep ascent to go to it. All the *Indians* stood on the top of the hill waiting Captain *Davis's* coming.

The Secretary, mention'd before, had no great kindness for the *Spaniards*. It was he that perswaded the *Indians* to wait Captain *Davis* his coming; for they were all running into the Woods; but he told them, that if any of the *Spaniards* Enemies came thither, it was not to hurt them, but the *Spaniards*, whose Slaves they were; and that their Poverty would protect them. This man with the *Casica* stood more forward than the rest, at the bank of the Hill, when Captain *Davis* with his Company appear'd beneath. They called out therefore in *Spanish*, demanding of our Men what they were, and from whence they came? to whom Captain *Davis* and his Men reply'd, they were *Biscayers*, and that they were sent thither by the King of *Spain* to clear those Seas from Enemies; that their Ships were coming into the Gulf to Careen, and that they came thither before the Ships, to seek a convenient place for it, as also to desire the *Indians* assistance. The Secretary, who, as I said before, was the only man that could speak *Spanish*, told them that they were welcome, for he had a great respect for any *Old Spain* Men, especially for the *Biscayers*, of whom he had heard a very honourable report; therefore he desired them to come up to their Town. Captain *Davis* and his Men immediately ascended the Hill, the Fryer going before; and they were received with a great deal of affection by the *Indians*. The *Casica* and Secretary embraced Captain *Davis*, and the other *Indians* received his Men with the like Ceremony. These Salutations being ended they all marched towards the Church, for that is the place of all

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all publick Meetings, and all Plays and Pastimes are acted there also; therefore in the Churches belonging to *Indian* Towns they have all sorts of Vizards, and strange antick Dreffes both for Men and Women, and abundance of Musical Hautboys and Strumstrums. The Strumstrum is made somewhat like a Cittern; most of those that the *Indians* use are made of a large Goad cut in the midst, and a thin board laid over the hollow, and which is fastned to the sides: this serves for the belly; over which the strings are placed. The nights before any Holidays, or the nights ensuing, are the times when they all meet to make merry. Their Mirth consists in singing, dancing, and sporting in those antick Habits, and using as many antick gestures. If the Moon shine they use but few Torches, if not the Church is full of light. They meet at these times all sorts of both Sexes. All the *Indians* that I have been acquainted with, who are under the *Spaniards*, seem to be more melancholy than other *Indians* that are free; and at these publick Meetings, when they are in the greatest of their jollity, their mirth seems to be rather forced than real. Their Songs are very melancholy and doleful; so is their Musick: but whether it be natural to the *Indians* to be thus melancholy, or the effect of their Slavery, I am not certain: But I have always been prone to believe, that they are then only condoling their misfortunes, the loss of their Country and Liberties: which altho these that are now living do not know, nor remember what it was to be free, yet there seems to be a deep impression in their thoughts of the Slavery which the *Spaniards* have brought them under, increas'd probably by some Traditions of their ancient freedom.

Captain *Davis* intended when they were all in the Church to shut the Doors, and then make a bargain with them, letting them know what he was, and so draw them afterwards by fair means to our assistance:

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An. 1684 the Frier being with him, who had also promis'd to engage them to it: but before they were all in the Church one of Captain *Davis* his Men pusht one of the *Indians* to hasten him into the Church. The *Indian* immediately ran away: and all the rest taking the alarm sprang out of the Church like Deer; it was hard to say which was first: and Captain *Davis*, who knew nothing of what hapned, was left in the Church only with the Fryer. When they were all fled Captain *Davis* his Men fired and kill'd the Secretary; and thus our hopes perished by the indiscretion of one foolish fellow.

In the afternoon the Ships came into the Gulf between Point *Castroina* and *Mangera*, and anchored near the Island *Amapalla*, on the East side, in 10 fathom water, clean hard Sand. In the evening Captain *Davis* and his company came aboard, and brought the Fryer with them; who told Captain *Davis*, that if the Secretary had not been kill'd, he could have sent him a Letter by one of the *Indians* that was taken at *Mangera*, and perswaded him to come to us; but now the only way was to send one of those *Indians* to seek the *Casica*, and that himself would instruct him what to say, and did not question but the *Casica* would come in on his word. The next day we sent ashore one of the *Indians*, who before night returned with the *Casica* and 6 other *Indians*, who remained with us all the time that we staid here. These *Indians* did us good service; especially in piloting us to an Island where we kill'd Beef whenever we wanted; and for this their service we satisfied them to their hearts content. It was at this Island *Amapalla*, that a party of *Englishmen* and *Frenchmen* came afterwards, and stay'd a great while, and at last landed on the Main, and marched over Land to the *Cape River*, which disembogues into the North Seas near *Cape Gratia Dios*, and is therefore called the *Cape River*: Near the Head of this

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this River they made Bark-logs (which I shall describe in the next Chapter) and so went into the North Seas. This was the way that Captain *Sharp* had proposed to go if he had been put to it; for this way was partly known to Privateers by the discovery that was made into the Country about 30 years since, by a party of *Englishmen* that went up that River in Canoas, about as far as the place where these *Frenchmen* made their Bark-logs: there they landed and marched to a Town called *Segovia* in the Country. They were near a month getting up the River, for there are many Cataracts where they were often forced to leave the River, and hale their Canoas ashore over the Land, till they were past the Cataracts, and then launch their Canoas again into the River. I have discourf'd several Men that were in that Expedition, and if I mistake not Captain *Sharp* was one of them. But to return to our Voyage in hand; when both our Ships were clean, and our Water fill'd, Captain *Davis* and Captain *Eaton* broke off Consortships. Captain *Eaton* took aboard of his Ships 400 Packs of Flower; and sail'd out of the Gulf the second day of September.

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CHAP.

C H A P. VI.

They depart from Amapalla. Tornadoes. Cape St. Francisco. They meet Captain Eaton, and part again. Isle of Plata described. Another meeting with Capt. Eaton, and their final parting. Point Sancta Hellena. Alagatrane a sort of Tar. A Spanish Vreck. Cruisings. Manta, near Cape St. Lorenzo. Monte Christo. Cruisings. Cape Blanco. Payta. The Buildings in Peru. The Soil of Peru. Colan. Barklogs described. Piura. The Road of Payta. Lobos de Terra. They come again to Lobos de la Mar. The Bay of Guiaquil. Isle of Sancta Clara. A rich Spanish Wreck there. Cat-fish. Point Arena in the Isle Puna. The Island described. The Palmeto-tree. Town and Harbour of Puna. River of Guiaquil. Guiaquil Town. Its Commodities, Cacao, Sarsaparilla, Quito cloth. Of the City, and Gold, and Air of Quito. They enter the Bay in order to make an attempt on the Town of Guiaquil. A great advantage slipt that might have been made of a company of Negroes taken in Guiaquil River. They go to Plata again. Isle Plata.

THE third day of September 1684. we sent the Frier ashore, and left the Indians in possession of the Prize which we brought in hither, though she was still half laden with Flower, and we sailed out with the Land Wind, passing between *Amapalla* and

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and *Mangera*. When we were a league out we saw a Canoa coming with Sail and Oars after us; therefore we shortened Sail and staid for her. She was a Canoa sent by the Governor of *St. Michaels* Town to our Captain, desiring him not to carry away the Frier. The Messenger being told, that the Frier was set ashore again at *Amapalla*, he returned with joy, and we made Sail again, having the Wind at W. N. W. We steered towards the Coast of *Peru*: we had *Tornadoes* every day till we made Cape *St. Francisco*, which from *June* to *November* are very common on these Coasts; and we had with the *Tornadoes* very much Thunder, Lightning and Rain. When the *Tornadoes* were over, the Wind, which while they lasted was most from the South East, came about again to the West, and never failed us till we were in sight of Cape *St. Francisco*, where we found the Wind at South with fair weather. This Cape is in lat. or d. 00 North. It is a high bluff, or full point of Land, cloathed with tall great Trees. Passing by this Point coming from the North you will see a small low Point, which you might suppose to be the Cape; but you are then past it, and presently afterwards it appears with three points. The Land in the Country within this Cape is very high, and the Mountains commonly appear very black. When we came in with this Cape we overtook Captain *Easton*, plying under the shore: he in his passage from *Amapalla*, while he was on that Coast, met with such terrible *Tornadoes* of Thunder and Lightning, that as he and all his Men related, they had never met with the like in any place. They were very much affrighted by them, the Air smelling very much of Sulphur, and they apprehending themselves in great danger of being burnt by the Lightning. He touch'd at the Island *Cocos*, and put ashore 200 Packs of Flower there, and loaded his Boat with Coco Nuts, and took in fresh water. In the evening we separated

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Ann. 1684 rated again from Captain *Eaton*; for he stood off to Sea, and we plied up under the shore, making our best advantage both of Sea and Land Winds. The Sea Winds are here at South, the Land Winds at S. S. E. but sometimes when we came abreast of a River we should have the Wind at S. E.

The 20th day of *September* we came to the Island *Plata*, and anchored in 16 fathom. We had very good weather from the time that we fell in with *Cape St. Francisco*; and were now fallen in again with the same places from whence I begin the account of this Voyage in the first Chapter, having now compass't in the whole Continent of the South *America*.

The Island *Plata*, as some report, was so named by the *Spaniards*, after Sir *Francis Drake* took the *Caoafoga*, a Ship chiefly laden with Plate, which they say he brought hither and divided it here with his Men. It is about 4 mile long, and a mile and half broad, and of a good height. It is bounded with high steep Cliffs clear round, only at one place on the East side. The top of it is flat and even, the Soil sandy and dry: the Trees it produceth are but small bodied, low, and grow thin; and there are only 3 or 4 sorts of Trees all unknown to us. I observed they were much overgrown with long Moss. There is good Grass, especially in the beginning of the year. There is no Water on this Island but at one place on the East side close by the Sea; there it drills slowly down from the Rocks, where it may be received into Vessels. There was plenty of Goats, but they are now all destroyed. There is no other sort of Land Animal that I did ever see: here are plenty of *Boobies* and *Men of War* Birds. The anchoring place is on the East side, near the middle of the Island, close by the shore, within two Cables lengths of the sandy Bay: there is about 18 or 20 fathom good fast oazy ground, and smooth Water; for

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For the S. E. point of the Island shelters from the South Winds which constantly blow here. From the S. E. point there strikes out a small shoal a quarter of a mile into the Sea, where there is commonly a great Riplin, or working of short Waves, during all the Flood. The Tide runs pretty strong, the Flood to the South, and the Ebb to the North. There is good landing on the Sandy Bay against the anchoring place, from whence you may go up into the Island, and at no place besides. There are 2 or 3 high, steep, small Rocks at the S. E. point, not a Cables length from the Island; and another much bigger at the N. E. end: it is deep Water all round, but at the anchoring place, and at the shoal at the S. E. point. This Island lieth in lat. 01 d. 10 m. South. It is distant from Cape *St. Lorenzo* 4 or 5 leagues, bearing from it W. S. W. and half a point westerly. At this Island are plenty of those small *Sea Turtle* spoken of in my last Chapter.

The 21st day Captain *Eaton* came to an anchor by us: he was very willing to have conformed with us again; but Captain *Davis's* Men were so unreasonable, that they would not allow Captain *Eaton's* Men an equal share with them in what they got: therefore Captain *Eaton* staid here but one night, and the next day sailed from hence, steering away to the Southward. We staid no longer than the day ensuing, and then we sailed toward Point *St. Hellena*, intending there to land some Men purposely to get Prisoners for intelligence.

Point *Santa Hellena* bears South from the Island *Plata*. It lies in lat. 2 d. 15 m. South. The Point is pretty high, flat, and even at top; overgrown with many great Thistles, but no sort of Tree; at a distance it appears like an Island, because the Land within it is very low.

This Point strikes out West into the Sea, making a pretty large Bay on the North side. A mile within the

An. 1684 Point, on the Sandy Bay, close by the Sea, there is a poor small *Indian* Village, called *Santa Hellena*; the Land about it is low, sandy and barren, there are no Trees nor Grass growing near it; neither do the *Indians* produce any Fruit, Grain, or Plant, but Water-Melons only, which are large and very sweet. There is no fresh Water at this place, nor near it; therefore the Inhabitants are obliged to fetch all their Water from the River *Colanche*, which is in the bottom of the Bay, about 4 leagues from it. Not far from this Town on the Bay, close by the Sea, about 5 paces from high-water mark, there is a sort of *bitumenous* matter boils out of a little hole in the earth. It is like thin *Tar*; the *Spaniards* call it *Alcatrane*. By much boiling it becomes hard like Pitch. It is frequently used by the *Spaniards* instead of Pitch; and the *Indians* that inhabit here save it in Jars. It boils up most at high water; and then the *Indians* are ready to receive it. These *Indians* are Fishermen, and go out to Sea on Bark-logs. Their chief subsistence is Maiz, most of which they get from Ships that come hither for *Alcatrane*. There is good anchoring to leeward of the Point, right against the Village: but on the West side of the Point it is deep Water, and no anchoring. The *Spaniards* do report, that there was once a very rich Ship driven ashore here in calm, for want of Wind to work her. As soon as ever she struck she heel'd off to Sea, and fill'd with Water presently, and then slid off to 7 or 8 fathom Water, where she lies to this day; none having attempted to fish for her, because she lies deep, and there falls in here a great high Sea. When we were abreast of this Point, we sent away our Canoas in the night to take the *Indian* Village. They landed in the morning betimes close by the Town, and took some Prisoners. They took likewise a small Bark which the *Indians* had set on fire, but our Men quenched it, and took the *Indian* that did it;

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who being asked wherefore he set the Bark on fire, *An. 1684* said, That there was an Order from the Vice-Roy lately set out, commanding all Sea-men to burn their Vessels if attacked by us, and betake themselves to their Boats. There was another Bark in a small Cove, a mile from the Village, thither our men went, thinking to take her, but the Sea-men that were aboard set her in flames and fled: In the evening our men came aboard, and brought the small Bark with them, the fire of which they had quenched; and then we returned again towards *Plata*; where we arriv'd the 26th day of *September*.

In the evening we sent out some men in our Bark lately taken, and Canoas, to an *Indian* Village called *Manta*, 2 or 3 leagues to the Westward of *Cape St. Lorenzo*; hoping there to get other Prisoners, for we could not learn from those we took at *Point St. Hellena* the reason why the Vice-Roy should give such orders to burn the Ships. They had a fresh Sea-breeze till 12 a clock at night, and then it proved Calm; wherefore they rowed away with their Canoas as near to the Town as they thought convenient, and lay still till day.

Manta is a small *Indian* Village on the Main, distant from the Island *Plata* 7 or 8 leagues. It stands so advantageously to be seen, being built on a small ascent, that it makes a very fair prospect to the Sea; yet but a few poor scattering *Indian* houses. There is a very fine Church, adorned with a great deal of Carved work. It was formerly a habitation of *Spaniards*; but they are all removed from hence now. The Land about it is dry and sandy, bearing only a few shrubby Trees. These *Indians* plant no manner of Grain or Root, but are supplied from other places; and commonly keep a stock of Provision to relieve Ships that want; for this is the first Settlement that Ships can touch at, which come from *Pa-*

An. 1684 *nama*, bound to *Lima*, or any other Port in *Peru*. The Land being dry and sandy, is not fit to produce Crops of Maize; which is the reason they plant none. There is a Spring of good Water between the Village and the Seas.

On the back of the Town, a pretty way up in the Country, there is a very high Mountain, towering up like a Sugar-loaf, called *Monte-Christo*. It is a very good Sea-mark, for there is none like it on all the Coast. The body of this Mountain bears due South from *Manta*. About a mile and half from the Shore, right against the Village, there is a Rock, which is very dangerous, because it never appears above water; neither doth the Sea break on it, because here is seldom any great Sea: yet it is now so well known, that all Ships bound to this place do easily avoid it. A mile within this Rock there is good Anchoring, in 6, 8, or 10 fathom Water, good, hard Sand and clear ground: And a mile from the Road on the West side there is a shoal running out a mile into the Sea. From *Manta* to Cape *St. Lorenzo* the Land is plain and even, of an indifferent height. See a further account of these Coasts in the Appendix.

As soon as ever the day appear'd our men landed, and march'd towards the Village, which was about a mile and a half from their Landing-place: Some of the *Indians* who were stirring, saw them coming, and alarmed their Neighbours; so that all that were able got away. They took only two old Women, who both said, that it was reported that a great many Enemies were come over land thro the Country of *Darien* into the *South Seas*, and that they were at present in Canoes and Periagoes: and that the Vice-Roy upon this news had set out the fore-mentioned order for burning their own Ships. Our men found no sort of provision here; the Vice-Roy having likewise sent orders to all Sea-ports to keep

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keep no provision, but just to supply themselves. *An. 1684*
 These Women also said, that the *Manta Indians* were sent over to the Island *Plata*, to destroy all the Goats there; which they performed about a month ago: With this news our men returned again, and arriv'd at *Plata* the next day.

We lay still at the Island *Plata*, being not resolv'd what to do; till the 2d day of *October*: and then Captain *Swan* in the *Cygnets of London* arriv'd there. He was fitted out by very eminent Merchants of that City, on a design only to trade with the *Spaniards* or *Indians*, having a very considerable Cargo well sorted for these parts of the World; but meeting with divers disappointments, and being out of hopes to obtain a trade in these Seas, his men forc'd him to entertain a company of Privateers which he met with near *Nicoya*, a Town whither he was going to seek a Trade, and these Privateers were bound thither in Boats to get a Ship. These were the men that we had heard of at *Manta*; they came over land under the command of Captain *Peter Harris*, Nephew to that Captain *Harris* who was kill'd before *Panama*. Captain *Swan* was still Commander of his own Ship, and Captain *Harris* commanded a small Bark under Captain *Swan*. There was much joy on all sides when they arriv'd; and immediately hereupon Captain *Davis* and Captain *Swan* consorted, wishing for Captain *Eaton* again. Our little Bark, which was taken at *Santa Hellena*, was immediately sent out to cruize, while the Ships were fitting; for Captain *Swan's* Ship being full of goods, was not fit to entertain his new guest, till the goods were dispos'd of; therefore he by the consent of the Super-cargo's, got up all his goods on Deck, and sold to any one that would buy upon trust: the rest was thrown over-board into the Sea, except fine goods, as Silks, Mullins, Stockings, &c. and except the Iron, whereof he had a good quantity, both wrought and

Ann. 1684

and in Bars : This was saved for Ballast.

The third day after our Bark was sent to cruize, she brought in a Prize of 400 Tuns, laden with Timber : They took her in the Bay of *Guiaquil*; she came from a Town of that name, and was bound to *Lima*. The Commander of this Prize said that it was generally reported and believed at *Guiaquil*, that the Vice-Roy was fitting out 10 sail of Frigots to drive us out of the Seas. This news made our unfettled Crew wish, that they had been perswaded to accept of Captain *Eaton's* company on reasonable terms. Captain *Davis* and Captain *Swan* had some discourse concerning Captain *Eaton*; they at last concluded to send our small Bark towards the Coast of *Lima*, as far as the Island *Lobos*, to seek Captain *Eaton*. This being approved by all hands, she was cleaned the next day, and sent away, mann'd with 20 men, 10 of Captain *Davis*, and 10 of *Swan's* men : and Captain *Swan* writ a Letter directed to Captain *Eaton*, desiring his company, and the Isle of *Plata* was appointed for the general Rendezvous. When this Bark was gone, we turn'd another Bark which we had into a Fire-ship; having 6 or 7 Carpenters, who soon fixt her : and while the Carpenters were at work about the Fire-ship, we scrubb'd and clean'd our Men of War, as well as time and place would permit.

The 19th day of *October* we finish'd our business, and the 20th day we sail'd toward the Island *Lobos*, where our Bark was order'd to stay for us, or meet us again at *Plata*. We had but little Wind; therefore it was the 23d day before we pass'd by Point *St. Hellena*. The 25th day we cross'd over the Bay of *Guiaquil*. The 30th day we doubled *Cape Blanco*. This Cape is in lat. 3 d. 45 m. It is counted the worst Cape in all the *South Seas* to double, passing to the Southward; for in all other places Ships may stand off to Sea 20 or 30 leagues off, if they find they

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cannot get any thing under the shore ; but here they dare not do it : for, by relation of the *Spaniards*, they find a current setting N. W. which will carry a Ship off more in 2 hours, than they can run in again in 5. Besides, setting to the Northward they lose ground : therefore they always beat it up under the shore, which oft-times they find very difficult, because the wind commonly blows very strong at S. S. W. or S. by W. without altering ; for here are never any Land-winds. This Cape is of an indifferent height : It is fenced with white Rocks to the Sea ; for which reason, I believe, it hath this name : The Land in the Country seems to be full of high, steep, rugged and barren Rocks.

The 2d day of *November* we got as high as *Payta* : We lay about 6 leagues off shore all the day, that the *Spaniards* might not see us ; and in the evening sent our Canoes ashore to take it, mann'd with 110 men.

Payta is a small *Spanish* Sea-port Town in the lat. of 5 d. 15 m. It is built on the Sand, close by the Sea, in a nook, elbow, or small bay, under a pretty high hill. There are not above 75 or 80 Houses, and 2 Churches. The Houses are but low and ill built. The building in this Country of *Peru* is much alike, on all the Sea-coast. The Walls are built of Brick, made with Earth and Straw kneaded together : They are about 3 foot long, 2 foot broad, and a foot and half thick : They never burn them, but lay them a long time in the Sun to dry before they are used in building. In some places they have no roofs, only poles laid across from the side walls, and cover'd with mats ; and then those walls are carry'd up to a considerable height. But where they build roofs upon their Houses, the walls are not made so high, as I said before. The Houses in general all over this Kingdom are but meanly built : one chief reason, with the common people especially,

An. 1684 ally, is the want of materials to build withal; for however it be more within Land, yet here is neither Stone nor Timber, to build with, nor any materials but such Brick as I have described: and even the Stone which they have in some places is so brittle, that you may rub it into Sand with your fingers. Another reason why they build so meanly is, because it never rains; therefore they only endeavour to fence themselves from the Sun. Yet their walls, which are built but with an ordinary sort of Brick, in comparison with what is made in other parts of the world, continue a long time as firm as when first made, having never any winds nor rains, to rot, moulder, or shake them. However, the richer sort have Timber, which they make use of in building; but it is brought from other places.


This dry Country commences to the Northward from about Cape *Blanco* to *Coquimbo* in about 30 d. S. having no Rain that I could ever observe or hear of; nor any green thing growing in the Mountains: neither yet in the Valleys, except where here and there water'd with a few small Rivers dispers'd up and down. So that the Northernmost parts of this Tract of Land are supplied with Timber from *Guiaquil*, *Galleo*, *Tornato*, and other places that are watered with Rains; where there are plenty of all sort of Timber. In the South parts, as about *Guasco* and *Coquimbo*, they fetch their Timber from the Island *Chiloe*, or other places thereabouts. The walls of Churches and rich mens Houses are whitened with Lime, both within and without; and the doors and posts are very large, and adorned with carved work, and the beams also in the Churches: The inside of the Houses are hung round with rich embroydered, or painted Cloaths. They have likewise abundance of fine Pictures, which adds no small ornament to their House: these, I suppose, they have from *Old Spain*. But the Houses of *Payta* are none of them
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so richly furnished. The Churches were large and fairly carved : At one end of the Town there was a small Fort close by the Sea, but no great Guns in it. This Fort, only with Musquets, will command all the Bay, so as to hinder any Boats from landing. There is another Fort on the top of the Hill, just over the Town, which commands both it and the lower Fort. There is neither Wood nor Water to be had here : They fetch their Water from an *Indian* Town called *Colan*, about 2 leagues N. N.E. from *Payta* : for at *Colan* there is a small River of fresh Water, which runs out into the Sea ; from whence Ships that touch at *Payta* are supplied with Water and other refreshments, as Fowls, Hogs, Plantains, Yames, and Maize : *Payta* being destitute of all these things, only as they fetch them from *Colan*, as they have occasion.

The *Indians* of *Colan* are all Fisher-men : They go out to Sea and fish on Bark-logs. Bark-logs are made of many round logs of Wood in manner of a Raft, and very different according to the use that they are design'd for, or the humour of the people that make them, or the matter that they are made of. If they are made for Fishing, then they are only 3 or 4 logs of Light-wood, of 7 or 8 foot long, plac'd by the side of each other, pinn'd fast together with wooden pins, and bound hard with withes. The Logs are so plac'd, that the middlemost are longer than those by the sides, especially at the head or fore-part, which grows narrower gradually into an angle or point, the better to cut through the Water. Others are made to carry Goods: The bottom of these is made of 20 or 30 great Trees of about 20, 30, or 40 foot long, fasten'd as the other, side to side, and so shaped: On the top of these they place another shorter row of Trees across them, pinn'd fast to each other, and then pinn'd to the undermost row : this double row of Planks makes the bottom

An. 1684  bottom of the Float, and of a considerable breadth. From this bottom the Raft is raised to about 10 foot higher, with rows of Posts sometimes set upright and supporting a floor or two: but those I observ'd were rais'd by thick Trees laid across each other, as in Wood Piles; only not close together as in the bottom of the Float, but at the ends and sides only, so as to leave the middle all hollow like a Chamber; except that here and there a beam goes across it, to keep the Float more compact. In this hollow, at about 4 foot heighth from the beams at the bottom, they lay small poles along, and close together, to make a floor for another Room, on the top of which also they lay another such floor made of Poles: and the entrances into both these Rooms is only by creeping between the great traverse Trees which make the Walls of this Sea-house. The lowest of these stories serves as a Cellar: there they lay great Stones for Ballast, and their Jars of fresh-water closed up, and whatever may bear being wet: for by the weight of the Ballast and Cargo, the bottom of this Room and of the whole Vessel is sunk so deep, as to lye 2 or 3 feet within the surface of the Water. The second story is for the Sea-men, and their necessaries. Above this second story the Goods are stowed, to what heighth they please, usually about 8 or 10 feet, and kept together by poles set upright quite round: only there is a little space abaft for the Steers-man (for they have a large Rudder) and afore for the Fire-hearth, to dress their Victuals, especially when they make long Voyages, as from *Lima* to *Truxillo*, or *Guiaquil*, or *Panama*; which last Voyage is 5 or 600 leagues. In the midst of all, among the Goods, rises a Mast, to which is fasten'd a large Sail, as in our West-Country Barges in the *Thames*. They always go before the Wind, being unable to ply against it: and therefore are fit only for these Seas, where the Wind is always in a manner the

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same, not varying above a point or two all the way from *Lima*, till such time as they come into the Bay of *Panama*: and even there they meet with no great Sea; but sometimes Northerly winds: and then they lower their Sails, and drive before it, waiting a change. All their care then is only to keep off from Shore; for they are so made that they cannot sink at Sea. These Rafts carry 60 or 70 Tuns of Goods and upwards; their Cargo is chiefly Wine, Oyl, Flower, Sugar, *Quito-cloath*, Soap, Goat-skins drest, &c. The Float is manag'd usually by 3 or 4 Men, who being unable to return with it against the Trade-wind, when they come to *Panama* dispose of the goods and bottom together; getting a passage back again for themselves in some Ship or Boat bound to the Port they came from; and there they make a new Bark-log for their next Cargo.

The smaller sort of Bark-logs, described before, which lye flat on the Water, and are used for Fishing, or carrying Water to Ships, or the like (half a Tun or a Tun at a time) are more governable than the other, tho they have Masts and Sails too. With these they go out at night by the help of the Land-wind (which is seldom wanting on this Coast) and return back in the day time with the Sea-wind.

This sort of Floats are used in many places both in the *East* and *West Indies*. On the Coast of *Coromandel* in the *East Indies* they call them *Catamarans*. These are but one Log, or two sometimes, of a sort of light Wood, and are made without Sail or Rudder, and so small, that they carry but one Man, whose legs and breech are always in the Water, and he manages his Log with a Paddle, appearing at a distance like a Man sitting on a Fish's back.

The Country about *Payta* is mountainous and barren, like all the rest of the Kingdom of *Peru*. There is no Towns of consequence nearer it than *Piura*, which is a large Town in the Country 40 miles distant.

An. 1684

stant. It lieth, by report of our *Spanish* Prisoners, in a Valley, which is watered with a small River, that disembogues it self into the Bay of *Chirapee*, in about 7d. of North latitude. This Bay is nearer to *Piura* than *Payta*: yet all Goods imported by Sea for *Piura* are landed at *Payta*; for the Bay of *Chirapee* is full of dangerous shoals, and therefore not frequented by shipping. The Road of *Payta* is one of the best on the Coast of *Peru*. It is sheltered from the South-west by a point of Land, which makes a large Bay and smooth Water for Ships to ride in. There is room enough for a good Fleet of Ships, and good anchoring in any depth, from 6 fathom water to 20 fathom. Right against the Town, the nearer the Town the shallower the water, and the smoother the riding: it is clean Sand all over the Bay. Most Ships passing either to the North or the South touch at this place for water; for tho here is none at the Town, yet those *Indian* Fishermen of *Colan* will, and do supply all Ships very reasonably; and good water is much prized on all this Coast through the scarcity of it.

November the 3d, at 6 a clock in the morning, our Men landed, about 4 miles to the South of the Town, and took some Prisoners that were sent thither to watch for fear of us; and these Prisoners said, that the Governor of *Piura* came with 100 armed Men to *Payta* the night before, purposely to oppose our landing there if we should attempt it.

Our Men marched directly to the Fort on the Hill, and took it without the loss of one Man. Hereupon the Governor of *Piura* with all his Men, and the Inhabitants of the Town, ran away as fast as they could. Then our Men entered the Town, and found it emptied both of Money and Goods; there was not so much as a Meal of Victuals left for them.

The Prisoners told us a Ship had been here a little before and burnt a great Ship in the Road, but did

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did not land their Men; and that here they put ashore all their Prisoners and Pilots. We knew this must be Captain *Eaton's* Ship which had done this; and by these circumstances we supposed he was gone to the *East Indies*, it being always designed by him. The Prisoners told us also, that since Captain *Eaton* was here, a small Bark had been off the Harbor; and taken a pair of Bark-logs a fishing, and made the Fishermen bring aboard 20 or 30 Jars of fresh water. This we supposed was our Bark that was sent to the *Lobos* to seek Captain *Eaton*.

In the evening we came in with our Ships, and anchored before the Town in 10 fathom water; near a mile from the shore. Here we staid till the sixth day, in hopes to get a Ransom for the Town. Our Captains demanded 300 Packs of Flower, 3000 pound of Singat, 25 Jars of Wine, and 1000 Jars of Water to be brought off to us; but we got nothing of it. Therefore Captain *Swan* ordered the Town to be fired, which was presently done. Then all our Men came aboard, and Captain *Swan* ordered the Bark which Captain *Harris* commanded to be burnt, because she did not sail well.

At night, when the Land Wind came off, we sailed from hence towards *Lobos*. The 10th day in the evening we saw a Sail bearing N. W. by N. as far as we could well discern her on our Deck. We immediately chased, separating our selves, the better to meet her in the night; but we mist her. Therefore the next morning we again trim'd sharp, and made the best of our way to the *Lobos de la Mar*.

The 14th day we had sight of the Island *Lobos de Terra*: it bore East from us; we stood in towards it, and betwixt 7 and 8 a clock in the night came to an anchor at the N. E. end of the Island in 14 fathom water. This Island at Sea is of an indifferent height, and appears like *Lobos de la Mar*. About a quarter of a mile from the North end there is a great hollow

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An. 1684 Rock and a good Channel between, where there is 7 fathom water. The 15th day we went ashore, and found abundance of Penguins and Boobies, and Seal in great quantities. We sent aboard of all these to be drest, for we had not tasted any flesh in a great while before; therefore some of us did eat very heartily. Captain *Swan*, to encourage his Men to eat this course flesh, would commend it for extraordinary good food, comparing the Seal to roasting Pig, the Boobies to Hens, and the Penguins to Ducks: this he did to train them to live contentedly on course Meat, not knowing but we might be forced to make use of such food before we departed out of these Seas; for it is generally seen among Privateers, that nothing imboldens them sooner to mutiny than want, which we could not well suffer in a place where there are such quantities of these Animals to be had, if Men could be perswaded to be contented with them.

In the afternoon we sailed from *Lobos de Terra* with the Wind at S. by E. and arrived at *Lobos de la Mar* on the 19th day. Here we found a Letter, left by our Bark that was sent to seek Captain *Eaton*, by which we understood, that Captain *Eaton* had been there, but was gone before they arriv'd, and had left no Letter to advise us which way he was gone; and that our Bark was again returned to *Plata*, in hopes to find us there, or meet us by the way, else resolving to stay for us there. We were sorry to hear that Captain *Eaton* was gone, for now we did not expect to meet with him any more in these Seas.

The 21st day we sent out our *Moskito* Strikers for Turtle, who brought aboard enough to serve both Ships Companies; and this they did all the time that we abode here. While we lay at this Island, Captain *Swan* made new yards, squarer than those he had before, and made his Sails larger, and our Ships Company in the mean time split plank for
Fire-

Bay of Guiaquil. Isle of St. Clara.

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An. 168.

Fire-wood, and put aboard as many plank as we could conveniently stow, for other uses: Here being plank enough of all sorts, which we had brought hither in the first Prize that we took, and left here.

The 26th day in the evening, we saw a small Bark about 3 leagues N. N. W. from the Island, but we supposing her to be our own Bark, did not go after her. The next morning she was 2 leagues South of the Island, standing off to Sea; but we did not now chase her, neither, although we knew she was not our Bark; for being to Windward of us, she could have made her escape, if we had chased her. This Bark, as we were afterward informed, was sent out purposely to see if we were at this Island. Her orders were, not to come too near, only to appear in sight; they supposing that if we were here we should soon be after her; as indeed it was a wonder we had not chased her: but our not doing so, and lying close under the Island undiscern'd by them, was a great occasion of our coming upon *Puma* afterwards unexpectedly, they being now without fear of any Enemy so near them.

The 28th day we scrub'd our Ships bottoms, intending to sail the next day towards *Guiaquil*; it being concluded upon to attempt that Town before we returned again to *Plata*. Accordingly, on the 29th day in the morning, we loosed from hence, steering directly for the Bay of *Guiaquil*. This Bay runs in between *Cape Blanco* on the south side, and *Point Chandy* on the North. About 25 leagues from *Cape Blanco*, near the bottom of the Bay, there is a small Island called *Santa Clara*, which lies East and West: It is of an indifferent length, and it appears like a dead Man stretched out in a Shroud. The East end represents the Head, and the West end the Feet. Ships that are bound into the River of *Guiaquil* pass on the South side, to avoid the shoals which lie on the North side of it; whereon formerly Ships

An. 1584 have been lost. It is reported by the *Spaniards*, that there is a very rich Wreck lies on the North side of that Island, not far from it; and that some of the Plate hath been taken up by one who came from *Old Spain*, with a Patent from the King to fish in those Seas for Wrecks; but he dying, the Project ceas'd, and the Wreck still remains as he left it; only the *Indians* by stealth do sometimes take up some of it: and they might have taken up much more, if it were not for the *Catfish* which swarm hereabouts

The *Catfish* is much like a *Whiting*, but the Head is flatter and bigger. It hath a great wide Mouth, and certain small Strings pointing out from each side of it, like Cats Whiskers: and for that reason it is called a *Catfish*. It hath three Fins; one growing on the top of his back, and one on either side. Each of these Fins hath a stiff sharp bone, which is very venomous if it strikes into a mans flesh: therefore it is dangerous diving where many of these Fish are. The *Indians* that adventured to search this wreck, have to their sorrow experienc'd it; some having lost their lives, others the use of their limbs by it: this we were informed by an *Indian*, who himself had been fishing on it by stealth. I my self have known some white men that have lost the use of their hands, only by a small prick with the fin of these Fish: therefore when we catch them with a Hook, we tread on them to take the Hook out of their mouths, for otherwise, in flurting about (as all Fish will when first taken) they might accidentally strike their sharp Fins into the hands of those that caught them. Some of these Fish are 7 or 8 pound weight; some again, in some particular places, are none of them bigger than a Man's Thumb, but their Fins are all alike venomous. They use to be at the mouths of Rivers, or where there is much Mud and Oaze, and they are found all over the *American Coast*, both in the *North* and *South Seas*, at least

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least in the hot Countreys, as also in the *East Indies*: An. 1684
 where sailing with Captain *Minchin* among certain
 Islands near the *Streights of Malacca*, he pointed to an
 Island, at which he told me he lost the use of his
 hand by one of these, only in going to take the Hook
 out of its mouth. The wound was scarce visible,
 yet his Hand was much swoln, and the pain lasted
 about 9 weeks; during most part of which the raging
 heat of it was almost ready to distract him. However,
 though the bony Fins of these Fish are so venomous,
 yet the Bones in their bodies are not so; at least we
 never perceived any such effect in eating the Fish;
 and their Flesh is very sweet, delicious and whole-
 some Meat.

From the Island *Santa Clara* to *Punta Arena* is 7
 leagues E. N. E. This *Punta Arena*, or *Sandy Point*, is
 the westernmost point of the Island *Puna*. Here all
 Ships bound into the River of *Guiaquil* anchor, and
 must wait for a Pilot, the entrance being very dan-
 gerous for Strangers.

The Island *Puna* is a pretty large flat low Island,
 stretching East and West about 12 or 14 leagues
 long, and about 4 or 5 leagues wide. The Tide
 runs very strong all about this Island, but so many
 different ways, by reason of the Branches, Creeks,
 and Rivers that run into the Sea near it, that it casts
 up many dangerous shoals on all sides of it. There
 is in the Island only one *Indian Town* on the South
 side of it, close by the Sea, and 7 leagues from *Point*
Arena, which Town is also called *Puna*. The *Indians*
 of this Town are all Seamen, and are the only Pi-
 lots in these Seas, especially for this River. Their
 chiefest employment, when they are not at Sea, is
 fishing. These men are oblig'd by the *Spaniards* to
 keep good watch for Ships that Anchor at *Point Are-*
na, which, as I said before, is 7 leagues from the
 Town *Puna*. The place where they keep this watch
 is at a Point of Land on the Island *Puna*, that fronts

An. 1684 out into the Sea; from whence they can see all Ships that anchor at Point *Arena*. The *Indians* come thither in the morning, and return at night on Horse-back. From this watching point to Point *Arena* it is 4 leagues, all drowned Mangrove-land: and in the midway between these two Points is another small Point, where these *Indians* are oblig'd to keep another Watch, when they fear an Enemy. The Centinel goes thither in a Canoa in the morning, and returns at night; for there is no coming thither by Land, through that Mangrove muddy ground. The middle of the Island *Puna* is Savannah or pasture. There are some ridges of good Woodland, which is of a light yellow or sandy mould, producing large tall Trees, most unknown even to Travellers: But there are plenty of *Palmeto* Trees, which, because I am acquainted with, I shall describe. The *Palmeto* Tree is about the bigness of an ordinary Ash: It is about 30 foot high; the body straight, without any limb, or branch, or leaf, except at the head only, where it spreads forth into many small branches, not half so big as a mans arm, some no bigger than ones finger: These branches, are about 3 or 4 foot long, clear from any knot: At the end of the branch there groweth one broad leaf, about the bigness of a large Fan. This, when it first shoots forth, grows in folds, like a Fan when it is closed; and still as it grows bigger so it opens, till it becomes like a Fan spread abroad. It is strengthened towards the stalk with many small ribs springing from thence, and growing into the leaf; which as they grow near the end of the leaf, grow thinner and smaller. The Leaves that make the brush-part of the Flag-brooms which are brought into *England*, grow just in this manner; and are indeed a small kind of *Palmeto*; for there are of them of several dimensions. In *Bermudas*, and elsewhere, they make Mats, Baskets, Brooms, Fans to blow the

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the fire inſtead of Bellows, with many other Houſe-*An. 1684*
 Implements, of *Palmeto-Leaves*. On the ridges
 where theſe Trees grow, the *Indians* have here and
 there Plantations of Maiz, Yams and Potatoes.

There are in the Town of *Puna* about 20 Houſes,
 and a ſmall Church. The Houſes ſtand all on Poſts,
 10 or 12 foot high, with Ladders on the outside to
 go up into them. I did never ſee the like buildings;
 any where but among the *Malayans* in the *East Indies*.
 They are thatched with *Palmeto-leaves*, and their
 Chambers well boarded, in which laſt they exceed
 the *Malayans*. The beſt place for Ships to lye at an
 anchor is againſt the middle of the Town. There
 is 5 fathom water within a Cables length of the
 ſhore, and good ſoft deep Oaze where ſhips may ca-
 reen, or hale aſhore: it flows 15 or 16 foot water
 up and down.

From *Puna* to *Guiaquil* is reckoned 7 leagues. It is
 one league before you come to the River of *Guiaquil*'s
 mouth, where it is above two mile wide; from
 thence upwards the River lies pretty ſtreight, with-
 out any conſiderable turnings. Both ſides of the Ri-
 ver are low ſwampy Land, overgrown with Red
 Mangroves, ſo that there is no landing. Four mile
 before you come to the Town of *Guiaquil* there is a
 low Iſland ſtanding in the River. This Iſland di-
 vides the River into two parts, making two very fair
 Channels for Ships to paſs up and down. The S. W.
 Channel is the wideſt; the other is as deep, but nar-
 rower and narrower yet, by reaſon of many Trees
 and Buſhes, which ſpread over the River, both from
 the Main and from the Iſland; and there are alſo
 ſeveral great ſtumps of Trees ſtanding upright in the
 Water, on either ſide. The Iſland is above a mile
 long. From the upper part of the Iſland to the
 Town of *Guiaquil* is almoſt a league, and near as
 much from one ſide of the River to the other. In
 that ſpacious place Ships of the greateſt burthen may

An. 1684 tide afloat; but the best place for Ships is nearest to that part of the Land where the Town stands; and this place is seldom without Ships. *Guiaquil* stands facing the Island, close by the River, partly on the side, and partly at the foot of a gentle Hill declining towards the River, by which the lower part of it is often overflown. There are two Forts, one standing in the low ground, the other on the hill. This Town makes a very fine prospect, it being beautified with several Churches and other good Buildings. Here lives a Governor, who, as I have been informed, hath his Patent from the King of *Spain*. *Guiaquil* may be reckoned one of the chiefest Sea-Ports in the *South Seas*: The Commodities which are exported from hence are Cacao, Hides, Tallow, Sarsaparilla and other Drugs, and Woollen Cloath, commonly called Cloath of *Quito*.

The Cacao grows on both sides of the River above the Town. It is a small Nut, like the *Campachy* Nut, I think the smallest of the two; they produce as much Cacao here as serves all the Kingdom of *Peru*; and much of it is sent to *Acapulco*, and from thence to the *Phillipine Islands*.

Sarsaparilla grows in the Water by the sides of the River, as I have been informed.

The *Quito*-cloath comes from a rich Town in the Country within land called *Quito*. There is a great deal made, both Serges and Broad-cloath. This Cloath is not very fine, but is worn by the common sort of people throughout the whole Kingdom of *Peru*. This, and all other commodities which come from *Quito*, are shipt off at *Guiaquil* for other parts; and all imported goods for the City of *Quito* pass by *Guiaquil*: by which it may appear that *Guiaquil* is a place of no mean trade.

Quito, as I have been informed, is a very populous City, seated in the heart of the Country. It is inhabited partly by *Spaniards*; but the major part of

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its Inhabitants are *Indians*, under the Spanish Government.

It is environ'd with Mountains of a vast height, from whose bowels many great Rivers have their rise. These Mountains abound in Gold, which by violent rains is wash'd with the Sand into the adjacent Brooks; where the *Indians* resort in Troops, washing away the Sand, and putting up the Gold-dust in their Calabashes or Gourd Shells: But for the manner of gathering the Gold I refer you to Mr. *Waffer's* Book: Only I shall remark here, that *Quito* is the place in all the Kingdom of *Peru* that abounds most with this rich Metal, as I have been often informed.

The Country is subject to great Rains, and very thick Fogs, especially the Valleys. For that reason it is very unwholsome and sickly. The chiefest Distempers are Fevers, violent Head-ach, Pains in the Bowels, and Fluxes. I know no place where Gold is found but what is very unhealthy: as I shall more particularly relate when I come to speak of *Achin* in the Isle of *Sumatra* in the *East Indies*. *Guiaquil* is not so sickly as *Quito* and other Towns farther within Land; yet in comparison with the Towns that are on the Coast of *Mare Pacifico*, South of Cape *Blanco*, it is very sickly.

It was to this Town of *Guiaquil* that we were bound, therefore we left our Ships off Cape *Blanco*, and ran into the Bay of *Guiaquil* with our Bark and Canoas, steering in for the Island *Santa Clara*, where we arrived the next day after we left our Ships: and from thence we sent away two Canoas the next evening to Point *Arena*. At this Point there are abundance of Oysters, and other Shell-fish, as Cockles and Muscles; therefore the *Indians* of *Puna* often come hither to get these Fish. Our Canoas got over before day, and absconded in a Creek, to wait for the coming of the *Puna Indians*. The next morning some

An. 1684

some of them, according to their custom, came thither on Bark-logs, at the latter part of the Ebb, and were all taken by our Men. The next day, by their advice, the two Watchmen of the *Indian Town* *Puna* were taken by our Men, and all its Inhabitants, not one escaping. The next Ebb they took a small Bark laden with *Quito-cloath*. She came from *Guiaquil* that Tide, and was bound to *Lima*; they having advice that we were gone off the Coast, by-the Bark which I said we saw while we lay at the *Island Lobos*. The Master of this Cloath-bark informed our Men, that there were three Barks coming from *Guiaquil*, laden with Negroes: He said they would come from thence the next Tide. The same Tide of Ebb that they took the Cloath-bark they sent a Canoa to our Bark, where the biggest part of the Men were, to hasten them away with speed to the *Indian Town*. The Bark was now riding at *Point Arena*; and the next Flood she came with all the Men and the rest of the Canoas to *Puna*. The Tide of Flood being now far spent, we lay at this Town till the last of the Ebb, and then rowed away, leaving 5 Men aboard our Bark, who were ordered to lye still till 8 a clock the next morning, and not to fire at any Boat or Bark; but after that time they might fire at any object: for it was supposed that before that time we should be Masters of *Guiaquil*. We had not rowed above two mile before we met, and took one of the three Barks laden with Negroes; the Master of her said, that the other two would come from *Guiaquil* the next Tide of Ebb. We cut her Main-Mast down and left her at an Anchor. It was now strong Flood, and therefore we rowed with all speed towards the Town, in hopes to get thither before the Flood was down, but we found it farther than we did expect it to be; or else our Canoas, being very full of Men, did not row so fast as we would have them. The day broke when we were two leagues from

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from the Town, and then we had not above an hours Flood more; therefore our Captains desired the *Indian* Pilot to direct us to some Creek where we might abscond all day, which was immediately done, and one Canoa was sent towards *Puna* to our Bark, to order them not to move nor fire till the next day. But she came too late to countermand the first orders: for the two Barks before mentioned, laden with Negroes, came from the Town the last quarter of the evening Tide, and lay in the River, close by the shore on one side, and we rowed up on the other side and mist them; neither did they see nor hear us. As soon as the Flood was spent, the two Barks weighed and went down with the Ebb, towards *Puna*. Our Bark, seeing them coming directly towards them, and both full of Men, supposed that we by some accident had been destroyed, and that the two Barks were mann'd with *Spanish* Soldiers, and sent to take our Ships, and therefore they fired three Guns at them a league before they came near. The two *Spanish* Barks immediately came to an anchor, and the Masters got into their Boats, and rowed for the shore; but our Canoa that was sent from us took them both. The firing of these 3 Guns made a great disorder among our advanced Men, for most of them did believe they were heard at *Guiaquil*, and that therefore it could be no profit to lye still in the Creek; but either row away to the Town, or back again to our Ships. It was now quarter Ebb: therefore we could not move upwards, if we had been dispos'd so to do. At length Captain *Davis* said, he would immediately land in the Creek where they lay, and march directly to the Town, if but 40 Men would accompany him: and without saying more words, he landed among the Mangroves in the Marshes. Those that were so minded followed him, to the number of 40 or 50. Captain *Swan* lay still with the rest of the Party in the Creek,

for

An. 1684 for they thought it impossible to do any good that way. Captain *Davis* and his Men were absent about 4 hours, and then returned all wet, and quite tired, and could not find any passage out into the firm Land. He had been so far, that he almost despair'd of getting back again: for a Man cannot pass thro' those Red Mangroves but with very much labour. When *C. Davis* was return'd, we concluded to be going towards the Town the beginning of the next Flood, and if we found that the Town was alarm'd, we purpos'd to return again without attempting any thing there. As soon as it was Flood we rowed away, and pass'd by the Island through the N. E. Channel, which is the narrowest. There are so many Stumps in the River, that it is very dangerous passing in the night (and that is the time we always take for such attempts) for the River runs very swift, and one of our Canoas stuck on a Stump, and had certainly overfet, if she had not been immediately rescued by others. When we were come almost to the end of the Island, there was a Musquet fired at us out of the Bushes, on the Main. We then had the Town open before us, and presently saw lighted Torches, or Candles, all the Town over; whereas before the Gun was fired there was but one Light; therefore we now concluded we were discovered: Yet many of our Men said, that it was a Holiday the next day, as it was indeed, and that therefore the *Spaniards* were making Fireworks, which they often do in the night against such times. We rowed therefore a little farther, and found firm Land, and Captain *Davis* pitched his Canoa ashore and landed with his Men. Captain *Swan*, and most of his Men, did not think it convenient to attempt any thing, seeing the Town was alarm'd; but at last, being upbraided with Cowardize, Captain *Swan* and his Men landed also. The place where we landed was about 2 mile from the Town: it was all overgrown with Woods

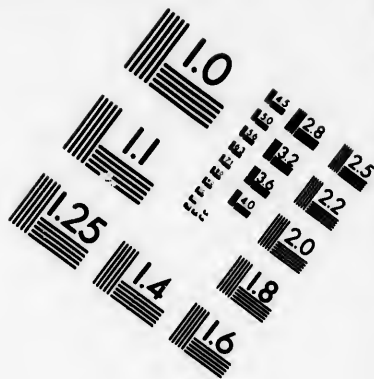
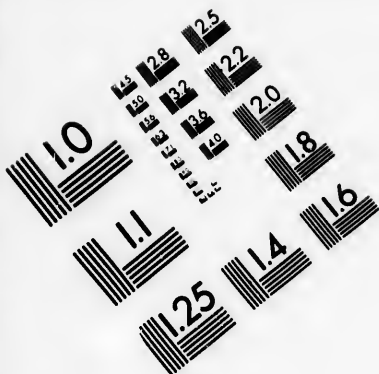
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so thick, that we could not march through in the night; and therefore we sat down, waiting for the light of the day. We had two *Indian* Pilots with us; one that had been with us a month, who having received some abuses from a Gentleman of *Guiaquil*, to be revenged offered his service to us, and we found him very faithful: the other was taken by us not above 2 or 3 days before, and he seemed to be as willing as the other to assist us. This latter was led by one of Captain *Davis's* men, who shewed himself very forward to go to the Town, and upbraided others with faint-heartedness: Yet this man (as he afterwards confessed) notwithstanding his Courage, privately cut the string that the Guide was made fast with, and let him go to the Town by himself, not caring to follow him; but when he thought the Guide was got far enough from us, he cried out that the Pilot was gone, and that some body had cut the Cord that tied him. This put every Man into a moving posture to seek the *Indian*, but all in vain; and our consternation was great, being in the dark and among Woods: so the design was wholly dashed, for not a Man after that had the heart to speak of going farther. Here we staid till day, and then rowed out into the middle of the River, where we had a fair view of the Town; which, as I said before, makes a very pleasant prospect. We lay still about half an hour, being a mile, or something better, from the Town. They did not fire one Gun at us, nor we at them. Thus our design on *Guiaquil* fail'd: yet Captain *Townley*, and Captain *Francois Gronet* took it a little while after this. When we had taken a full view of the Town we rowed over the River, where we went ashore to a small Estation or Farm, and kill'd a Cow, which we dress'd and eat. We staid there till the evening tide of Ebb, and then rowed down the River, and the next day in the morning arrived at *Puna*. In our way

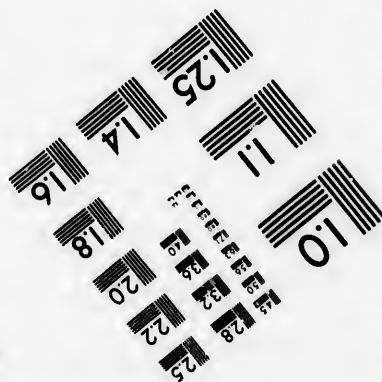
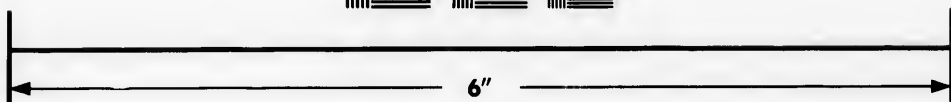
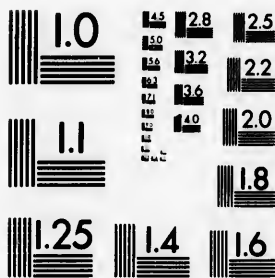
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**IMAGE EVALUATION
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An. 1684 way thither we went aboard the 3 Barks laden with Negroes, that lay at their Anchor in the River and carry'd the Barks away with us. There were 1000 Negroes in the 3 Barks, all lusty young men and women. When we came to *Puna*, we sent a Canoa to Point *Arena*, to see if the Ships were come thither. The 12th day she return'd again, with tydings that they were both there at Anchor. Therefore in the afternoon we all went aboard our Ships, and carry'd the Cloath-bark with us and about 40 of the stoutest Negro men, leaving their 3 Barks with the rest; and out of these all Captain *Davis* and Captain *Swan* chose about 14 or 15 apiece, and turn'd the rest ashore.

There was never a greater opportunity put into the hands of men to enrich themselves than we had; to have gone with these *Negroes*, and settle our selves at *Santa Maria*, on the *Isthmus* of *Darwin* and employed them in getting Gold out of the Mines there. Which might have been done with ease: For about 6 months before this, Captain *Harris* (who was now with us) coming over Land from the *North Seas* with his body of Privateers had routed the *Spaniards* away from the Town and Gold-Mines of *Santa Maria*, so that they had never attempted to settle there again since: Add to this that the *Indian* neighbourhood, who were more Enemies to the *Spaniards*, and had been flusht by their successes against them, through the assistance of the Privateers, for several years, were our friends, and ready to receive and assist us. We had as I have said, 1000 *Negroes* to work for us, we had 200 Tun of Flower that lay at the *Gallapagos*, the River of *Santa Maria*, where we could be green and fit our Ships; and might fortifie the mouth so, that if all the strength the *Spaniards* have in *Puna* had come against us, we could have kept them off. If they lay with Guard-ships of strength to keep

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An. 1684

in, yet we had a great Country to live in; and a great Nation of *Indians* that were our friends: Beside, which was the principal thing, we had the *North Seas* to befriend us; from whence we could export our selves, or effects, or import goods or men to our assistance; for in a short time we should have had assistance from all parts of the *West Indies*; many thousands of Privateers from *Jamaica* and the *French Islands* especially would have flockt over to us; and long before this time we might have been masters not only of those Mines, (the richest Gold-mines ever yet found in *America*) but of all the Coast as high as *Quito*: and much more than I say might there probably have been done.

But these may seem to the Reader but Golden Dreams: To leave them therefore; The 13th day we sail'd from Point *Arena* towards *Plata*, to seek our Bark that was sent to the Island *Lobos*, in search of Captain *Eaton*. We were 2 Ships in company, and two Barks: and the 16th day we arriv'd at *Plata*, but found no Bark there, nor any Letter. The next day we went over to the Main to fill Water, and in our passage met our Bark: she had been a second time at the Island *Lobos*, and not finding us was coming to *Plata* again. They had been in some want of Provision since they left us, and therefore they had been at *Santa Hellena*, and taken it; where they got as much Maize as served them 3 or 4 days; and that, with some Fish and Turtle which they struck, lasted them till they came to the Island *Lobos de Terra*. They got Boobies and Penguins Eggs, of which they laid in a store; and went from thence to *Lobos de la Mar*, where they replenished their stock of Eggs, and salted up a few young Seal, for fear they should want: and being thus victualled, they returned again towards *Plata*. When our Water was fill'd we went over again to the Island *Plata*. There we parted the Cloths that were taken in the Cloth-

An. 1684. Cloath-bark into two Lots or Shares; Captain *Davis* and his Men had one part, and Captain *Swan* and his Men had the other part. The Bark which the Cloath was in Captain *Swan* kept for a Tender. At this time here were at *Plata* a great many large Turtle, which I judge came from the *Gallapagos*, for I had never seen any here before, tho I had been here several times: this was their coupling-time, which is much sooner in the year here than in the *West Indies*, properly so called. Our Strikers brought aboard every day more than we could eat. Captain *Swan* had no Striker, and therefore had no Turtle, but what was sent him from Captain *Davis*; and all his Flower too he had from Captain *Davis*: but since our disappoinment at *Guiaquil* Captain *Davis* his Men murmured against Captain *Swan*, and did not willingly give him any Provision, because he was not so forward to go thither as Captain *Davis*. However, at last, these differences were made up, and we concluded to go into the Bay of *Panama*, to a Town called *La Velia*; but because we had not Canoes enough to land our Men, we were resolved to search some Rivers where the *Spaniards* have no commerce, there to get *Indian* Canoes:

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C H A P. VII.

They leave the Isle of Plata. Cape Passao. The Coast between that and Cape St. Francisco; and from thence on to Panama. The River of St. Jago. The Red and the White Cotton-tree. The Cabbage-tree. The Indians of St. Jago River, and its Neighbourhood. The Isle of Gallo. The River and Village of Tomaco. Isle of Gorgona. The Pearl-Oysters there and in other parts. The Land on the Main. Cape Corrientes. Point Garachina. Island Gal-lera. The Kings, or Pearl-Islands. Pacheque. St. Paul's Island. Lavelia. Nata. The Clam-fish. Oysters. The pleasant Prospects in the Bay of Panama. Old Panama. The New City. The great Concourse there from Lima and Portobel, &c. upon the Arrival of the Spanish Armada in the West Indies. The Course the Armada take. . with an incidental Account of the first Inducements that made the Privateers undertake the passage over the Isthmus of Darien into the South Seas, and of the particular beginning of their Correspondence with the Indians that inhabit that Isthmus. Of the Air and Weather at Panama. The Isles of Perico. Tabago a pleasant Island. The Mammec-tree. The Village Tabago. A Spanish Stratagem or two, of Capt. Bond their Engineer. The Ignorance of the Spaniards of these parts in Sea Affairs. A Party of French Privateers arrive from over Land. Of the Commissions that are given

out by the French Governour of Petit-Guavres. Of the Gulf of St. Michael, and the Rivers of Congos, Sambo, and Sta Maria; and an Error of the common Maps, in the placing Point Garachina and Cape St. Lorenzo, corrected. Of the Town and Gold Mines of Sta Maria; and the Town of Scuchadero. Capt. Townley's Arrival with some more English Privateers over Land. Fars of Pisco-wine. A Bark of Capt. Knight's joins them. Point Garachina again. Porto de Pinas. Isle of Otoque. The Pacquet from Lima taken. Other English and French Privateers arrive. Chepelio, one of the sweetest Islands in the World. The Sapadillo, Avogato pear, Mammee Sappota, Wild Mammee. and Star-apple. Cheapo River and Town. Some Traversings in the Bay of Panama; and an account of the Strength of the Spanish Fleet, and of the Privateers, and the Engagement between them.

THE 23d day of December 1684, we sailed from the Island Plata towards the Bay of Panama. The Wind at S. S. E. a fine brisk gale, and fair weather. The next morning we pass by Cape Passao. This Cape is in lat 00 d. 08 m. South of the Equator. It runs out into the Sea with a high round point, which seems to be divided in the midst. It is bald against the Sea, but within land, and on both sides, it is full of short Trees. The Land in the Country is very high and mountainous, and it appears to be very woody. Between Cape Passao and Cape Saint Francisco, the Land by the Sea is full of small Points, making as many little Sandy Bays between them; and is of an indifferent height, cover'd

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cover'd with Trees of divers sorts: So that sailing by this Coast you see nothing but a vast Grove or Wood; which is so much the more pleasant, because the Trees are of several forms, both in respect to their growth and colour.

Our design was, as I said in my last Chapter, to search for Canoas in some River where the *Spaniards* have neither Settlement nor Trade with the native *Indians*. We had *Spanish* Pilots, and *Indians* bred under the *Spaniards*, who were able to carry us into any Harbour or River belonging to the *Spaniards*, but were wholly unacquainted with those Rivers which are not frequented by the *Spaniards*. There are many such unfrequented Rivers between *Plata* and *Panama*: indeed all the way from the Line to the Gulf of *St. Michaels*, or even to *Panama* it self, the Coast is not inhabited by any *Spaniards*, nor are the *Indians* that inhabit there any way under their subjection: except only near the *Ile Gallo*, where on the banks of a Gold River or two there are some *Spaniards* who work there to find Gold.

Now our Pilots being at a loss on these less frequented Coasts, we supply'd that defect out of the *Spanish* Pilot books, which we took in their Ships: These we found by experience to be very good Guides. Yet nevertheless the Country in many places by the Sea being low, and full of openings, Creeks and Rivers, it is somewhat difficult to find any particular River that a man designs to go to, where he is not well acquainted.

This however could be no discouragement to us; for one River might probably be as well furnished with *Indian* Canoas as another; and if we found them, it was to us indifferent where; yet we pitch'd on the River *Saint Jago*, not because there were not other Rivers as large and as likely to be inhabited with *Indians* as it; but because that River was not far from *Gallo*; an Island where our Ships could anchor

An. 1684 chor safely and ride securely. We past by Cape *St. Francisco* meeting with great and continued Rains. The Land by the Sea, to the North of the Cape, is low and extraordinary woody; the Trees are very thick, and seem to be of a prodigious height and bigness. From Cape *Saint Francisco* the Land runs more Easterly into the Bay of *Panama*. I take this Cape to be its bounds on the South side, and the Isles of *Cobaya* or *Quiboto* bound it on the North side. Between this Cape and the Isle *Gallo* there are many large and navigable Rivers. We passed by them all till we came to the River *St. Jago*.

This River is near 2 d. North of the Equator. It is large and navigable some leagues up; and 7 leagues from the Sea it divides itself into two parts, making an Island that is 4 leagues wide against the Sea. The widest branch is that on the S. W. side of the Island. Both branches are very deep; but the mouth of the narrower is so choakt with sholes that at low water, even Canoas cannot enter. Above the Island it is a league wide, and the Stream runs pretty streight, and very swift. The Tide flows about 3 leagues up the River, but to what height I know not. Probably the River hath its original from some of the rich Mountains near the City of *Quito*, and it runs thro a Country, as rich in soil, as perhaps any in the world, especially when it draws within 10 or 12 leagues of the Sea. The Land there both on the Island, and on both sides of the River, is of a black deep Mold, producing extraordinary great tall Trees of many sorts, such as usually grow in these hot Climates. I shall only give an account of the *Cotton* and *Cabbage-trees*, whereof there is great plenty; and they are as large of their kinds as ever I saw.

There are two sorts of *Cotton-trees*, one is called the Red, the other the White *Cotton-tree*. The white *Cotton-tree* grows like an Oak, but generally much

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much bigger and taller than our Oaks: The body is *Am. 1684* streight and clear from knots or boughs to the very head: there it spreads forth many great limbs just like an Oak. The Bark is smooth and of a grey colour: the Leaves are as big as a large Plumb Leaf, jogged at the edge; they are oval, smooth, and of a dark green colour. Some of these Trees have their bodies much bigger 18 or 20 foot high, than nearer the ground, being big-bellied like Nine-pins. They bear a very fine sort of Cotton, called Silk Cotton. When this Cotton is ripe the Trees appear like our Apple-trees in *England*, when full of Blossoms. If I do not mistake, the Cotton falls down in *November*, or *December*: then the ground is covered white with it. This is not substantial and continuous, like that which grows upon the Cotton-shrubs, in Plantations, but like the Down of Thistles; so that I did never know any use made of it in the *West Indies*, because it is not worth the labour of gathering it: but in the *East Indies* the Natives gather and use it for Pillows. It hath a small black Seed among it. The Leaves of this Tree fall off the beginning of *April*; while the old Leaves are falling off the young ones spring out, and in a weeks time the Tree casts off her old Robes, and is cloathed in a new pleasant garb. The red Cotton-tree is like the other, but hardly so big: it bears no Cotton, but its Wood is somewhat harder of the two, yet both sorts are soft spongy Wood, fit for no use that I know, but only for Canoas, which being streight and tall they are very good for; but they will not last long, especially if not drawn ashore often and tarred; otherwise the Worm and the Water-soon rot them. They are the biggest Trees, or perhaps Weeds rather, in the *West Indies*. They are common in the *East* and *West Indies* in good fat Land.

As the Cotton is the biggest Tree in the Woods, so the *Cabbage-tree* is the tallest: The Body is not

An. 1684 very big, but very high and streight. I have measured one in the Bay of *Campeachy* 120 feet long as it lay on the ground, and there are some much higher. It has no Limbs nor Boughs, but at the head there are many Branches bigger than a mans Arm. These Branches are not covered, but flat, with sharp edges; they are 12 or 14 foot long. About 2 foot from the Trunk, the Branches shoot forth small long leaves, about an inch broad, which grow so regularly on both sides of the Branch, that the whole Branch seems to be but one Leaf, made up of many small ones. The Cabbage Fruit shoots out in the midst of these Branches, from the top of the Tree: It is invested with many young Leaves or Branches, which are ready to spread abroad, as the old Branches droop and fall down. The Cabbage it self when it is taken out of the Leaves which it seems to be folded in, is as big as the small of a mans Leg, and a foot long: It is as white as Milk, and as sweet as a Nut if eaten raw; and it is very sweet and wholesom if boiled. Besides, the Cabbage it self, there grow out between the Cabbage and the large Branches, small twigs as of a Shrub, about two foot long from their Stump. At the end of those Twigs (which grow very thick together) there hang Berries, hard and round, and as big as a Cherry. These the Tree sheds every year, and they are very good for Hogs; for this reason the *Spaniards* fine any who shall cut down one of these in their Woods. The body of the Tree is full of rings round it, half a foot asunder from the bottom to the top. The Bark is thin and brittle; the Wood is black and very hard; the heart or middle of the Tree is white pith. They do not climb to get the Cabbage, but cut them down; for should they gather it off the Tree as it stands, yet its head being gone it soon dies. These Trees are much used by Planters in *Jamaica*, to board the sides of the Houses; for

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for it is but splitting the Trunk into 4 parts with *An. 1684*
 an Axe, and there are so many Planks. These Trees
 appear very pleasant, and they beautifie the whole
 Wood, spreading their green Branches above all o-
 ther Trees.

All this Country is subject to very great Rains, so
 that this part of *Peru* pays for the dry weather which
 they have about *Lima* and all that Coast. I believe
 that is one reason why the *Spaniards* have made such
 small discoveries, in this and other Rivers on this
 Coast. Another reason may be, because it lies not so
 directly in their way; for they do not Coast it a-
 long in going from *Panama* to *Lima*, but first go West-
 ward as far as to the Keys or Isles of *Cobuya*, for a
 Westerly wind, and from thence stand over towards
 Cape *St. Francisco*, not touching any where usually,
 till they come to *Manta* near Cape *St. Lorenzo*. In
 their return indeed from *Lima* to *Panama*, they may
 keep along the Coast hereabouts; but then their
 Ships are always laden, whereas the light Ships that
 go from *Panama*, are most at leisure to make disco-
 veries. A third reason may be, the wildness and
 enmity of all the Natives on this Coast, who are
 naturally fortified by their Rivers and vast Woods,
 from whence with their Arrows they can easily an-
 noy any that shall land there to assault them. At
 this River particularly there are no *Indians* live with-
 in 6 leagues of the Sea, and all the Country so far
 is full of impassible Woods; so that to get at the
Indians, or the Mines and Mountains, there is no
 way but by rowing up the River; and if any who
 are Enemies to the Natives attempt this, (as the
Spaniards are always hated by them) they must all
 the way be expoied to the Arrows of those who
 would lye purposely in Ambush in the Woods for
 them. These wild *Indians* have small Plantations
 of Maiz, and good Plaintain-gardens; for Plaintains
 are their chiefest food. They have also a few
 Fowls and Hogs.

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It was to this River that we were bound, to seek for Canoas, therefore the 26th supposing our selves to be abreast of it, we went from our Ships with 4 Canoas. The 27th day in the morning we entered at half Flood into the smaller Branch of that River, and rowed up 6 leagues before we met any inhabitants. There we found two small Huts thatched with *Palmeto* Leaves. The *Indians* seeing us rowing towards their Houses, got their Wives and little ones, with their Household-stuff, into their Canoas, and paddled away faster than we could row; for we were forced to keep in the middle of the River because of our Oars, but they with their Paddles kept close under the Banks, and so had not the strength of the stream against them, as we had. These Huts were close by the River on the East side of it, just against the end of the Island. We saw a great many other Houses a league from us on the other side of the River; but the main stream into which we were now come, seemed to be so swift, that we were afraid to put over, for fear we should not be able to get back again. We found only a Hog, some Fowls and Plantains in the Huts: We killed the Hog and the Fowls, which were drest presently. Their Hogs they got (as I suppose) from the *Spaniards* by some accident, or from some Neighbouring *Indians* who converse with the *Spaniards*; for this that we took was of their *European* kind, which the *Spaniards* have introduced them into *America* very plentifully, especially into the Islands *Jamaica*, *Hispaniola*, and *Cuba* above all, being very largely stored with them; where they feed in the Woods in the day time, and at night come in at the sounding of a *Conch-shell*, and are put up in their Crauls or Pens, and yet some turn wild, which nevertheless are often decoyed in by the other, which being all marked, whenever they see an unmarked Hog in the Pen they know it is a wild one, and shoot him presently.

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These *Crawls* I have not seen on the Continent; *An. 1684* where the *Spaniards* keep them tame at home. Among the *Wild Indians*, or in their Woods, are no Hogs, but Pecary and Warree, a fort I have mentioned before.

After we had refreshed our selves, we returned toward the mouth of the River. It was the evening when we came from thence, and we got to the Rivers mouth the next morning before day: Our Ships when we left them were order'd to go to *Gallo*, where they were to stay for us. *Gallo* is a small uninhabited Island, lying in between 2 and 3 Degrees North Lat. It lyeth in a wide Bay about 3 leagues from the mouth of the River *Tomaco*; and 4 leagues and half from a small *Indian* Village called *Tomaco*: The Island *Gallo* is of an indifferent height; it is cloathed with very good Timber Trees, and is therefore often visited with Barks from *Guiaquil* and other places: for most of the Timber carry'd from *Guiaquil* to *Lima*, is first fetcht from *Gallo*. There is a Spring of good Water at the N. E. end: at that place there is a fine small Sandy Bay, where there is good landing. The road for Ships is against this Bay, where there is good secure riding in 6 or 7 fathom water; and here Ships may careen. It is but shole water all about this Island; yet there is a Channel to come in at, where there is not less than 4 fathom water: You must go in with the Tyde of Flood, and come out with Ebb, sounding all the way.

Tomaco is a large River that takes its Name from an *Indian* Village so called: It is reported to spring from the rich Mountains about *Quito*. It is thick inhabited with *Indians*; and there are some *Spaniards* that live there, who traffick with the *Indians* for Gold. It is shoal at the mouth of the River, yet Barks may enter.

An. 1684

The Village *Tomaco* is but small, and is seated not far from the mouth of the River. It is a place to entertain the *Spanish* Merchants that come to *Gallo* to load Timber, or to traffick with the *Indians* for Gold. At this place one *Doleman*, with 7 or 8 Men more, once of *Capt. Sharp's* Crew, were kill'd in the year 1680. From the branch of the River *St. Jago*, where we now lay, to *Tomaco*, is about 5 leagues; the Land low, and full of Creeks, so that Canoas may pass within Land through those Creeks, and from thence into *Tomaco* River.

The 28th day we left the River of *St. Jago*, crossing some Creeks in our way with our Canoas; and came to an *Indian* House, where we took the Man and all his Family. We staid here till the afternoon, and then rowed toward *Tomaco*, with the Man of this House for our Guide. We arrived at *Tomaco* about 12 a clock at night. Here we took all the Inhabitants of the Village, and a *Spanish* Knight, called *Don Diego de Pinas*. This Knight came in a Ship from *Lima* to lade Timber. The Ship was riding in a Creek about a mile off, and there were only one *Spaniard* and 8 *Indians* aboard. We went in a Canoa with 7 Men and took her; she had no Goods, but 12 or 13 Jars of good Wine, which we took out, and the next day let the Ship go. Here an *Indian* Canoa came aboard with three Men in her. These Men could not speak *Spanish*, neither could they distinguish us from *Spaniards*; the wild *Indians* usually thinking all white Men to be *Spaniards*. We gave them 3 or 4 Callabashes of Wine, which they freely drank. They were streight-bodied, and well limb'd Men, of a mean height; their Hair black, long visag'd, small Noses and Eyes; and were thin fac'd, ill look'd Men, of a very dark copper color. A little before night *Captain Swan* and all of us returned to *Tomaco*, and left the Vessel to the Seamen. The 31st day two of our Canoas, who had been

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up the River of *Tomaco*, returned back again to the Village. They had rowed 7 or 8 leagues up, and found but one *Spanish House*, which they were told did belong to a Lady who lived at *Lima*; she had Servants here that traded with the *Indians* for Gold; but they seeing our Men coming ran away: yet our Men found there several Ounces of Gold in *Callabashes*.

The first day of *January* 1685. we went from *Tomaco* towards *Gallo*. We carried the Knight with us and two small Canoes which we took there, and while we were rowing over, one of our Canoes took a Pacquet Boat that was sent from *Panama* to *Lima*. The *Spaniards* threw the Pacquet of Letters over board with a Line and a Buoy to it, but our Men seeing it took it up, and brought the Letters, and all the Prisoners aboard our Ships that were then at an anchor at *Gallo*. Here we staid till the 6th day reading the Letters, by which we understood that the Armada from *Old Spain* was come to *Portabel*; and that the President of *Panama* had sent this Pacquet on purpose to hasten the Plate Fleet thither from *Lima*.

We were very joyful of this News, and therefore sent away the Pacquet Boat with all her Letters; and we altered our former resolutions of going to *Lavelia*. We now concluded to careen our Ships as speedily as we could, that we might be ready to intercept this Fleet. The properest place that we could think on for doing it was among the *Kings Islands* or *Pearl Keys*, because they are near *Panama*, and all Ships bound to *Panama* from the Coast of *Lima* pass by them; so that being there we could not possibly miss the Fleet. According to these resolutions we sailed the next morning, in order to execute what we designed. We were 2 Ships and 3 Barks in Company, *viz.* Captain *Davis*, Captain *Swan*, a Fireship, and 2 small Barks, as Tenders; one

An. 1685 one on Captain *Davis* his Ship, the other on Captain *Swan*'s. We weighed before day, and got out all but Captain *Swan*'s Tender which never budged; for the men were all asleep when we went out, and the Tide of flood coming on before they waked, we were forced to stay for them till the next day.

The 8th day in the morning we descried a sail to the West of us; the Wind was at South, and we chased her, and before noon took her. She was a Ship of about 90 Tun laden with Flower; she came from *Truxillio*, and was bound to *Panama*. This Ship came very opportunely to us, for Flower began to grow scarce, and Captain *Davis* his men grudg'd at what was given to Captain *Swan*, who, as I said before, had none but what he had from Captain *Davis*.

We jogged on after this with a gentle gale towards *Gorgonia*, an Island lying about 25 leagues from the Island *Gallo*. The 9th day we anchored at *Gorgonia*, on the West side of the Island, in 38 fathom, clean ground, not 2 Cables length from the shore. *Gorgonia* is an uninhabited Island, in lat. about 3 degrees North: It is a pretty high Island, and very remarkable, by reason of 2 saddles, or risings and fallings on the top. It is about 2 leagues long, and a league broad; and it is 4 leagues from the Main: At the West-end is another small Island. The Land against the Anchoring place is low; there is a small sandy Bay and good landing. The Soil or Mold of it is black and deep, in the low ground, but on the side of the high Land it is a kind of a red clay. This Island is very well clothed with large Trees of several sorts, that are flourishing and green all the year. It's very well watered with small Brooks that issue from the high Land. Here are a great many little black Monkeys, some *Indian* Conies, and a few Snakes, which are all the Land Animals that I know there. It is reported of this Island

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Island that it rains on every day in the year more or less; but that I can disprove: however it is a very wet Coast, and it rains abundantly here all the year long: There are but few fair days; for there is little difference in the seasons of the year between the wet and dry; only in that season which should be the dry time, the rains are less frequent and more moderate than in the wet season, for then it pours as out of a Sieve. It is deep water, and no anchoring any where about this Island, only at that West side: The Tyde riseth and falleth 7 or 8 foot up and down. Here are a great many Perewincles and Muscles to be had at low water. Then the Monkeys come down by the Sea side and catch them; digging them out of their Shells with their Claws.

Here are Pearl-Oysters in great plenty: They grow to the loose Rocks, in 4, 5, or 6 fathom water, by beards, or little small roots, as a Muscle: These Oysters are commonly flatter and thinner than other Oysters; otherwise much alike in shape. The fish is not sweet nor very wholesome; it is as slimy as a Shell-Snail: they taste very copperish, if eaten raw, and are best boy'd. The *Indians* who gather them for the *Spaniards*, hang the meat of them on strings like Jews-ears, and dry them before they eat them. The Pearl is found at the head of the Oyster, lying between the meat and the shell. Some will have 20 or 30 small Seed-Pearl, some none at all, and some will have 1 or 2 pretty large ones. The inside of the shell is more glorious than the Pearl itself. I did never see any in the *South Seas* but here. It is reported there are some at the South end of *Callifornia*. In the *West Indies*, the *Rancho Rejs*, or *Rancheria*, spoken of in Chap. 3. is the place where they are found most plentifully. 'Tis said there are some at the Island *Margarita*, near *S. Augustin*, a Town in the Gulf of *Florida*, &c. In the

An. 1685 the *East Indies*. The Island *Ainam*, near the South end of *China*, is said to have plenty of these Oysters more productive of large round Pearl than those in other other places. They are found also in other parts of the *East Indies*, on the *Persian Coast*.

At this Island *Gorgona* we rummaged our Prize, and found a few Boxes of Marmalade, and 3 or 4 Jars of Brandy, which were equally shared between Captain *Davis*, Captain *Swan*, and their Men. Here we fill'd all our Water, and Captain *Swan* furnished himself with Flower; afterward we turned ashore a great many Prisoners, but kept the chiefest to put them ashore in a better place.

The 13th day we sailed from hence toward the *Kings Islands*. We were now 6 Sail, 2 Men of War, 2 Tenders, a Fireship, and the Prize. We had but little Wind, but what we had was the common Trade at South. The Land we sailed by on the Main is very low towards the Sea side, but in the Country there are very high Mountains.

The 16th day we passed by *Cape Corrientes*. This Cape is in lat. 5 d. 10 m. it is high bluff Land, with 3 or 4 small Hillocks on the top. It appears at a distance like an Island. Here we found a strong current running to the North, but whether it be always so I know not. The day after we passed by the Cape we saw a small white Island which we chased, supposing it had been a Sail, till coming near we found our error.

The 21st day we saw *Point Garrachina*. This Point is in lat 7 d. 20 m. North; it is pretty high Land, rocky, and destitute of Trees; yet within Land it is Woody. It is fenced with Rocks against the Sea. Within the Point, by the Sea, at low Water, you may find store of Oysters and Muscles.

The *Kings Islands*, or *Pearl Keys*, are about 12 leagues distant from this Point. Between *Point Garrachina* and them there is a small low flat barren Island,

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called *Gallera*, at which Captain *Harris* was sharing *An. 1685* with his Men the Gold he took in his pillaging *Sancta Maria*, which I spake of a little before, when on a sudden 5 Spanish Barks, fitted out on purpose at *Panama*, came upon him; but he fought them so stoutly with one small Bark he had, and some few *Canoes*, boarding their Admiral particularly, that they were all glad to leave him. By this Island we anchored, and sent our Boats to the *Kings Islands* for a good careening place.

The *Kings Islands* are a great many low woody Islands, lying N. W. by N. and S. E. by S. They are about 7 leagues from the Main, and 14 leagues in length; and from *Panama* about 12 leagues. Why they are called the *Kings Islands* I know not; they are sometimes, and mostly in Maps, called the *Pearl Islands*. I cannot imagin wherefore they are called so, for I did never see one Pearl Oyster about them, nor any Pearl Oyster Shells; but on the other Oysters I have made many a Meal there: The northernmost Island of all this range is called *Pacheca*, or *Pachegue*. This is but a small Island, distant from *Panama* 11 or 12 leagues. The Southernmost of them is called *St. Pauls*. Besides these two I know no more that are called by any particular name, though there are many that far exceed either of the two in bigness. Some of these Islands are planted with Plantains and Bonanas; and there are Fields of Rice on others of them. The Gentlemen of *Panama*, to whom they belong, keep Negroes there, to plant, weed, and husband the Plantations. Many of them, especially the largest, are wholly untill'd; yet very good fat Land, full of large Trees. These unplanted Islands shelter many Runaway Negroes, who abscond in the Woods all day, and in the night boldly pillage the Plantain Walks. Betwixt these Islands and the Main is a Channel of 7 or 8 leagues wide; there is good depth of Water, and good anchoring all the way.

An. 1685 way. The Islands border thick on each other, yet they make many small narrow deep Channels, fit only for Boats to pass between most of them. At the S. E. end, about a league from *St. Pauls* Island, there is a good place for Ships to careen, or hale ashore. It is surrounded with the Land, and hath a good deep Channel on the North side to go in at. The tide riseth here about 10 foot perpendicular.

We brought our Ships into this place the 25th day, but were forced to tarry for a Spring Tide before we could have Water enough to clean them; therefore we first cleaned our Barks, that they might cruise before *Panama*, while we lay here. The 27th day our Barks being clean we sent them out with 20 Men in each. The fourth day after they returned with a Prize laden with Maiz, or *Indian* Corn, Salt Beef, and Fowls. She came from *Lavelia* and was bound to *Panama*. *Lavelia* is a Town we once designed to attempt. It is pretty large and stands on the Banks of a River on the North side of the Bay of *Panama*, 6 or 7 leagues from the Sea.

Nava is another such Town, standing in a Plain near another branch of the same River. In these Towns, and some others on the same Coast, they breed Hogs, Fowls, Bulls and Cows, and plant Maize purposely for the support of *Panama*, which is supplied with Provision mostly from other Towns and the neighbouring Islands.

The Beef and Fowl our Men took came to us in a good time, for we had eaten but little Flesh since we left the Island *Plata*. The Harbor where we careen'd was encompassed by three Islands, and our Ships rode in the middle. That on which we haled our Ships ashore was a little Island on the North side of the Harbor. The was a fine small sandy Bay, but all the rest of the Island was invironed with Rocks, on which at low Water we did use to gather Oysters, Clams, Mufcles, and Limpits. The Clam is

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a sort of Oyster which grows so fast to the Rock, that there is no separating it from thence, therefore we did open it where it grows, and take out the Meat, which is very large, fat, and sweet. Here are a few common Oysters, such as we have in *England*; of which sort I have met with none in these Seas, but here, at Point *Garachina*, at *Puma*, and on the *Mexican Coast*, in the lat. of 23 d. North. I have a Manuscript of Mr. *Teat*, Captain *Swan's* chief Mate, which gives an account of Oysters plentifully found in Port *St. Julian*, on the East side and somewhat to the North of the Streights of *Magellan*: but there is no mention made of what Oysters they are. Here are some Guanoes, but we found no other sort of Land Animal. Here are also some Pigeons and Turtle-Doves. The rest of the Islands that encompass this Harbor had of all these sorts of Creatures. Our Men therefore did every day go over in Canoas to them to fish, fowl, or hunt for Guanoes; but having one Man surprized once by some *Spaniards* lying there in Ambush, and carried off by them to *Panama*, we were after that more cautious of straggling.

The 14th day of *February* 1685. we made an end of cleaning our Ship, fill'd all our Water, and stock'd our selves with Fire-wood. The 15th day we went out from among the Islands, and anchored in the Channel between them and the Main; in 25 fathom Water; fast oazy ground. The Plate Fleet was not yet arrived; therefore we intended to cruise before the City of *Panama*, which is from this place about 25 leagues. The next day we sailed towards *Panama*, passing in the Channel between the *Kings Islands* and the Main. It is very pleasant sailing here, having the Main on one side, which appears in divers forms. It is beautified with many small Hills clothed with Woods of divers sorts of Trees, which are always green and flourishing. There are some few

An. 1685 small high Islands within a league of the Main, scattering here and there one: These are partly woody, partly bare; and they, as well as the Main, appear very pleasant. The *Kings Islands* are on the other side of this Channel, and make also a very lovely prospect as you sail by them. These, as I have already noted, are low and flat, appearing in several shapes, according as they are naturally formed by many small Creeks and Branches of the Sea. The 16th day we anchored at *Pacheque*, in 17 fathom Water, about a league from the Island, and sailed from thence the next day with the Wind at N. N. E. directing our course towards *Panama*.

When we came abreast of *Old Panama* we anchored, and sent our Canoa ashore with our Prisoner *Don Diego de Pinas*, with a Letter to the Governor, to treat about an Exchange for our Man they had spirited away, as I said; and another Captain *Harris* left in the River of *St. Maria* the year before, coming over Land. *Don Diego* was desirous to go on this Errand in the name, and with the consent of the rest of our *Spanish* Prisoners; but by some accident he was killed before he got ashore, as we heard afterwards.

Old Panama was formerly a famous place, but it was taken by Sir *Henry Morgan* about the year 1672, and at that time great part of it was burned to ashes, and it was never re-edified since.

New Panama is a very fair City, standing close by the Sea, about 4 mile from the Ruines of the Old Town. It gives name to a large Bay which is famous for a great many navigable Rivers, some whereof are very rich in Gold; it is also very pleasantly sprinkled with Islands, that are not only profitable to their Owners, but very delightful to the Passengers and Seamen that sail by them; some of which I have already described. It is encompassed on the backside with a pleasant Country, which is full of small Hills and Valleys, beautified with many

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Groves and Spots of Trees, that appear in the Savannahs like so many little Islands. This City is incircumfissed with a high Stone Wall; the Houses are said to be of Brick. Their Roofs appear higher than the top of the City Wall. It is beautified with a great many fair Churches and Religious Houses, besides the President's House, and other eminent Buildings; which altogether make one of the finest objects that I did ever see, in *America* especially. There are a great many Guns on her Walls, most of which look toward the Land. They had none at all against the Sea, when I first entered those Seas with Captain *Saukins*, Captain *Coxon*, Captain *Sharp*, and others; for till then they did not fear any Enemy by Sea: but since then they have planted Guns clear round. This is a flourishing City by reason it is a thorough-fair for all imported or exported Goods and Treasure, to and from all parts of *Peru* and *Chili*, whereof their Store-houses are never empty. The Road also is seldom or never without Ships. Besides, once in 3 years, when the *Spanish Armada* comes to *Portobel*; then the Plate Fleet also from *Lima* comes hither with the Kings Treasure and abundance of Merchant Ships full of Goods and Plate; at that time the City is full of Merchants and Gentlemen; the Seamen are busy in landing the Treasure and Goods, and the Carriers, or Caravan Masters, employed in carrying it over land on Mules (in vast droves every day) to *Portobel*, and bringing back *European* Goods from thence: Though the City be then so full, yet during this heat of business there is no hiring of an ordinary Slave under a piece of Eight a day; Houses, also Chambers, Beds, and Victuals, are then extraordinary dear.

Now I am on this subject, I think it will not be amiss to give the Reader an account of the progress of the Armada from *Old Spain*, which comes thus every three years into the *Indies*. Its first arrival is

an. 1685 at *Cartagena*, from whence, as I have been told, an Express is immediately sent over land to *Lima*, thro the Southern Continent, and another by Sea to *Portobel*, with two Pacquets of Letters, one for the Viceroy of *Lima*, the other for the Viceroy of *Mexico*. I know not which of that of *Mexico* goes after its arrival at *Portobel*, whether by Land or Sea: but I believe by Sea to *La Vera Cruz*. That for *Lima* is sent by Land to *Panama*, and from thence by Sea to *Lima*.

Upon mention of these Pacquets I shall digress yet a little further, and acquaint my Reader, that before my first going over into the *South Seas* with Captain *Sharp* (and indeed before any Privateers (at least since *Drake* and *Oxengham*) had gone that way which we afterwards went, except *La Sound*, a *French* Captain, who by Captain *Wright's* Instructions had ventured as far as *Cheapo Town* with a body of Men, but was driven back again) I being then on board Captain *Coxon*, in company with 3 or 4 more Privateers, about 4 leagues to the East of *Portobel*, we took the Pacquets bound thither from *Cartagena*. We open'd a great quantity of the Merchants Letters, and found the Contents of many of them to be very surprizing, the Merchants of several parts of *Old Spain* thereby informing their Correspondents of *Panama*, and elsewhere, of a certain Prophecy that went about *Spain* that year, the tenour of which was, That there would be *English* Privateers that year in the *West Indies*, who would make such great Discoveries, as to open a door into the *South Seas*, which they supposed was fastest shut; and the Letters were accordingly full of cautions to their Friends to be very watchful and careful of their Coasts.

This Door they spake of we all concluded must be the passage over Land through the Country of the *Indians* of *Darien*, who were a little before this become our Friends, and had lately fallen out with the *Spaniards*, breaking off the Intercourse which for some

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time they had with them: and upon calling also to mind the frequent Invitations we had from those *Indians* a little before this time, to pass through their Country, and fall upon the *Spaniards* in the *South Seas*, we from henceforward began to entertain such thoughts in earnest, and soon came to a Resolution to make those Attempts which we afterwards did, with Capt. *Sharp*, *Coxon*, &c. So that the taking these Letters gave the first life to those bold Undertakings: and we took the advantage of the fears the *Spaniards* were in from that Prophecy, or probable Conjecture, or whatever it were; for we sealed up most of the Letters again, and sent them ashore to *Portobel*.

The occasion of this our late Friendship with those *Indians* was thus. About 15 years before this time Capt. *Wright* being cruising near that Coast, and going in among the *Sambaloes* Isles to strike Fish and Turtle, took there a young *Indian* Lad as he was paddling about in a Canoa. He brought him aboard his Ship, and gave him the Name of *John Gret*, cloathing him, and intending to breed him among the *English*. But his *Moskito* Strikers, taking a fancy to the Boy, begg'd him of Captain *Wright*, and took him with them at their return into their own Country, where they taught him their Art, and he married a Wife among them, and learnt their Language, as he had done some broken *English* while he was with Captain *Wright*, which he improved among the *Moskitoes*, who corresponding so much with us, do all of them smatter *English* after a sort; but his own Language he had almost forgot. Thus he lived among them for many years; till about 6 or 8 months before our taking these Letters, Captain *Wright* being again among the *Sambaloes*, took thence another *Indian* Boy about 10 or 12 years old, the Son of a Man of some account among those *Indians*; and wanting a Striker, he went away to the *Moskito*'s Country, where he

An. 1685 took in *John Gret*, who was now very expert at it. *John Gret* was much pleased to see a Lad there of his own Country, and it came into his mind to persuade *Capt. Wright* upon this occasion to endeavour a Friendship with those *Indians*; a thing our Privateers had long coveted, but never durst attempt, having such dreadful apprehensions of their Numbers and Fierceness: But *John Gret* offered the Captain that he would go ashore and negotiate the matter; who accordingly sent him in his Canoa till he was near the shore, which of a sudden was covered with *Indians*, standing ready with their Bows and Arrows. *John Gret*, who had only a Clout about his middle, as the fashion of the *Indians* is, leapt then out of the Boat, and swam, the Boat retiring a little way back; and the *Indians* ashore seeing him in that habit, and hearing him call to them in their own Tongue (which he had recovered by conversing with the Boy lately taken) suffered him quietly to land, and gathered all about to hear how it was with him. He told them particularly, that he was one of their Countrymen, and how he had been taken many years ago by the *English*, who had used him very kindly; that they were mistaken in being so much afraid of that Nation, who were not Enemies to them, but to the *Spaniards*: to confirm this he told them how well the *English* treated another young Lad of theirs, they had lately taken, such an ones Son; for this he had learnt of the Youth, and his Father was one of the company that was got together on the shore. He persuaded them therefore to make a League with these friendly people, by whose help they might be able to quell the *Spaniards*, assuring also the Father of the Boy, that if he would but go with him to the Ship, which they saw at anchor at an Island there (it was *Golden Island*, the Eastermost of the *Sambaloes*, a place where there is good striking for Turtle) he should have his Son restored to him, and

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Agreement of the English with the Darien Indians. 183

and they might all expect a very kind Reception. *An. 1685*
Upon these assurances 20 or 30 of them went off presently, in 2 or 3 Canoes laden with Plantains, Bonanoes, Fowls, &c. and Captain *Wright* having treated them on board, went ashore with them, and was entertained by them, and Presents were made on each side. Captain *Wright* gave the Boy to his Father in a very handsom *English* Dress, which he had caused to be made purposely for him; and an Agreement was immediately struck up between the *English* and these *Indians*, who invited the *English* through their Country into the *South Seas*.

Pursuant to this Agreement, the *English*, when they came upon any such design, or for Traffick with them, were to give a certain signal which they pitcht upon, whereby they might be known. But it happen'd that Mr. *La Sound*, the *French* Captain spoken of a little before, being then one of Captain *Wright's* Men, learnt this Signal, and staying ashore at *Petit-Guayres*, upon Captain *Wright's* going thither soon after, who had his Commission from thence; he gave the other *French* there, such an account of the Agreement before mentioned, and the easiness of entering the *South Seas* thereupon, that he got at the head of about 120 of them, who made that unsuccessful attempt upon *Cheapo*, as I said; making use of the signal they had learnt for passing the *Indians* Country, who at that time could not distinguish so well between the several Nations of the *Europeans*, as they can since.

From such small beginnings arose those great stirrs that have been since made all over the *South Seas*, viz. from the Letters we took, and from the Friendship contracted with these *Indians* by means of *John Gret*. Yet this Friendship had like to have been stiled in its Infancy; for within a few months after an *English* trading Sloop came on this Coast from *Jamaica*, and *John Gret*, who by this time had advanced himself to

An. 1685 *bc* a Grandee among these *Indians*, together with 5 or 6 more of that quality, went off to the Sloop in their long Gowns, as the Custom is for such to wear among them. Being received aboard they expected to find every thing friendly, and *John Gret* talkt to them in *English*; but these *English* Men, having no knowledge at all of what had happened, endeavoured to make them Slaves (as is commonly done); for upon carrying them to *Jamaica* they could have sold them for 10 or 12 pound a piece. But *John Gret*, and the rest, perceiving this, leapt all over board, and were by the others killed every one of them in the Water. The *Indians* on shore never came to the knowledge of it; if they had, it would have endangered our Correspondence. Several times after, upon our conversing with them, they enquired of us what was become of their Countrymen: but we told them we knew not, as indeed it was a great while after that we heard this story; so they concluded the *Spaniards* had met with them, and killed, or taken them.

But to return to the account of the progress of the Armada which we left at *Cartagena*: After an appointed stay there of about 60 days, as I take it, it goes thence to *Portobel*, where it lies 30 days, and no longer. Therefore the Viceroy of *Lima* on notice of the Armada's arrival at *Cartagena*, immediately sends away the Kings Treasure to *Panama*, where it is landed, and lies ready to be sent to *Portobel* upon the first News of the Armada's arrival there. This is the reason partly of their sending Expresses so early to *Lima*, that upon the Armada's first coming to *Portobel*, the Treasure and Goods may lye ready at *Panama*, to be sent away upon the Mules: and it requires some time for the *Lima* Fleet to unlade, because the Ships ride not at *Panama*, but at *Perica*, which are 3 small Islands 2 leagues from thence. The Kings Treasure is said to amount commonly to about 24000000 of Pieces of Eight; besides abundance of Merchants Money.

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Money. All this Treasure is carried on Mules, and there are large Stables at both places to lodge them. Sometimes the Merchants to steal the Custom pack up Money among Goods, and send it to *Venta de Cruces* on the River *Chagre*; from thence down the River and afterwards by Sea to *Portobel*: in which passage I have known a whole Fleet of Periago's and Canoas taken. The Merchants who are not ready to sail by the thirtieth day after the Armada's arrival are in danger to be left behind, for the Ships all weigh the 30th day precisely, and go to the Harbors Mouth: yet sometimes, on great importunity, the Admiral may stay a week longer; for it is impossible that all the Merchants should get ready, for want of Men. When the Armada departs from *Portobel* it returns again to *Cartagena*, by which time all the Kings Revenue which comes out of the Country is got ready there. Here also meets them again a great Ship called the *Pattache*, one of the Spanish Galeons, which before their first arrival at *Cartagena* goes from the rest of the Armada on purpose to gather the Tribute of the Coast, touching at the *Margarita's*, and other places in her way thence to *Cartagena*, as *Punta de Guaira*, *Maracaybo*, *Rio de la Hacha*, and *Sancta Martha*; and at all these places takes in Treasure for the King. After the set stay at *Cartagena* the Armada goes away to the *Havana* in the Isle of *Cuba*, to meet there the Flota, which is a small number of Ships that go to *La Vera Cruz*, and there takes in the effects of the City and Country of *Mexico*, and what is brought thither in the Ship which comes thither every year from the *Philippine Islands*; and having joined the rest at the *Havana*, the whole Armada sets sail for *Spain* through the Gulf of *Florida*. The Ships in the *South Seas* lye a great deal longer at *Panama* before they return to *Lima*. The Merchants and Gentlemen which come from *Lima*, stay as little time as they can at *Portobel*, which is at the best but a sickly place, and at this time is very full

of

An. 1685 of men from all parts. But *Panama*, as it is not overcharg'd with men so unreasonably as the other, tho' very full, so it enjoys a good air, lying open to the Sea wind; which riseth commonly about 10 or 11 a clock in the morning, and continues till 8 or 9 a clock at night: then the Land wind comes, and blows till 8 or 9 in the morning.

There are no Woods nor Marshes near *Panama*, but a brave dry Champain land; not subject to fogs nor mists. The wet season begins in the latter end of *May*, and continues till *November*. At that time the Sea breezes are at S. S. W. and the Land winds at N. At the dry season the winds are most betwixt the E. N. E. and the North: Yet off in the Bay they are commonly at South; but of this I shall be more particular in my Chapter of *Winds* in the *Appendix*. The rains are not so excessive about *Panama* it self, as on either side of the Bay: yet in the months of *June*, *July* and *August*, they are severe enough. Gentlemen that come from *Peru* to *Panama*, especially in these months, cut their hair close, to preserve them from Fevers; for the place is sickly to them, because they come out of a Country which never hath any Rains or Fogs, but enjoys a constant serenity; but I am apt to believe this City is healthy enough to any other people. Thus much for *Panama*.

The 20th day we went and anchored within a league of the Islands *Perico* (which are only 3 little barren rocky Islands) in expectation of the President of *Panama*'s Answer to the Letter, I said, we sent him by Don *Diego*, treating about exchange of Prisoners; this being the day on which he had given us his Parole to return with an Answer. The 21st day we took another Bark laden with Hogs, Fowl, Salt Beef, and Molossoes: she came from *Lavelia* and was going to *Panama*. In the afternoon we sent another Letter ashore by a young *Mosiso* (a mixt brood of *Indians* and *Europeans*) directed to the President, and 3 or 4 Copies

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I. *Tabago*: *The Mammet-tree.*

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pies of it to be dispersed abroad among the common People. This Letter, which was full of Threats, together with the young Man's managing the business, wrought so powerfully among the common People, that the City was in an uproar. The President immediately sent a Gentleman aboard, who demanded the Flower Prize that we took off of *Gallo*, and all the Prisoners, for the Ransom of our two Men: but our Captains told him they would exchange Man for Man. The Gentleman said he had not orders for that, but if we would stay till the next day he would bring the Governours answer. The next day he brought aboard our two Men, and had about 40 Prisoners in exchange.

The 24th day we run over to the Island *Tabago*. *Tabago* is in the Bay, and about 6 leagues South of *Panama*. It is about 3 mile long, and 2 broad, a high mountainous Island. On the North side it declines with a gentle descent to the Sea. The Land by the Sea is of a black Mold and deep; but toward the top of the Mountain it is strong and dry. The North side of this Island makes a very pleasant shew: it seems to be a Garden of Fruit inclosed with many high Trees; the chiefest Fruits are Plantains and Bonan's. They thrive very well from the foot to the middle of it; but those near the top are but small, as wanting moisture. Close by the Sea there are many Coco Nut Trees which make a very pleasant sight. Within the Coco Nut Trees there grow many *Mammet* Trees. The *Mammet* is a large, tall, and straight-bodied Tree, clean, without Knots or Limbs, for 60 or 70 foot, or more. The Head spreads abroad into many small Limbs, which grow pretty thick, and close together. The Bark is of a dark grey colour, thick and rough, full of large chops. The Fruit is bigger than Quince, it is round, and covered with a thick Rind, of a grey colour. When the Fruit is ripe the Rind is yellow and tough; and it will then peel off

An. 1685 off like Leather ; but before it is ripe it is brittle : the Juice is then white and clammy ; but when ripe not so. The ripe Fruit under the Rind is yellow as a Carret ; and in the middle are two large rough Stones flat, and each of them much bigger than an Almond. The Fruit smells very well, and the taste is answerable to the smell. The S. W. end of the Island hath never been cleared, but is full of Fire-wood, and Trees of divers sorts. There is a very fine small Brook of fresh Water, that springs out of the side of the Mountain, and gliding through the Grove of Fruit-trees, falls into the Sea on the North side. There was a small Town standing by the Sea, with a Church at one end, but now the biggest part of it is destroyed by the Privateers. There is good anchoring right against the Town, about a mile from the shore, where you may have 16 or 18 fathom Water, soft oozy ground. There is a small Island close by the N. W. end of this called *Tabogilla*, which is a small Channel to pass between. There is another woody Island about a mile on the N. E. side of *Tabago*, and a good Channel between them : this Island hath no Name that ever I heard.

While we lay at *Tabago* we had like to have had a scurvy trick plaid us by a pretended Merchant from *Panama*, who came, as by stealth, to traffick with us privately ; a thing common enough with the Spanish Merchants, both in the *North* and *South Seas*, notwithstanding the severe Prohibitions of the Governours ; who yet sometimes connive at it, and will even trade with the Privateers themselves. Our Merchant was by agreement to bring out his Bark laden with Goods in the night, and we to go and anchor at the South of *Perico*. Out he came, with a Fireship instead of a Bark, and approached very near, haling us with the Watch-word we had agreed upon. We suspecting the worst, call'd to them to come to an anchor, and upon their not doing so fired at them : when immediately
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their Men going out into the Canoas set fire to their Ship, which blew up, and burnt close by us; so that we were forced to cut our Cables in all haste, and scamper away as well as we could. in. 1685

The *Spaniard* was not altogether so politick in appointing to meet us at *Perico*, for there we had Sea-room; whereas had he come thus upon us at *Tabago*, the Land-wind bearing hard upon us as it did, we must either have been burnt by the Fireship, or upon loosning our Cables have been driven ashore: But I suppose they chose *Perico* rather for the Scene of their Enterprize, partly because they might there best sculk among the Islands, and partly because if their Exploit fail'd, they could thence escape best from our Canoas to *Panama*, but 2 leagues off.

During this Exploit, Captain *Swan* (whose Ship was less than ours, and so not so much aim'd at by the *Spaniards*) lay about a mile off, with a Canoa at the Buoy of his Anchor, as fearing some Treachery from our pretended Merchant: and a little before the Bark blew up he saw a small Float on the Water, and as it appeared, a Man on it, making towards his Ship; but the Man dived, and disappeared of a sudden, as thinking probably that he was discovered.

This was supposed to be one coming with some combustible matter to have stuck about the Rudder. For such a trick Captain *Sharp* was served at *Coquimbo*, and his Ship had like to have been burnt by it, if by meer accident it had not been discovered: I was then aboard Captain *Sharp's* Ship. Captain *Swan* seeing the Blaze by us, cut his Cables as we did, his Bark did the like; so we kept under sail all the night, being more scared than hurt. The Bark that was on fire drove burning towards *Tobago*; but after the first blast she did not burn clear, only made a smother, for she was not well made, though Captain *Bond* had the framing and management of it.

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This Captain *Bond* was he of whom I made mention in my 4th Chapter. He, after his being at the Isles of *Cape Verd*, stood away for the *South Seas*, at the instigation of one *Richard Morton*, who had been with Captain *Sharp* in the *South Seas*. In his way he met with Captain *Eaton*, and they two consorted a day or two: at last *Morton* went aboard of Captain *Eaton*, and perswaded him to lose Captain *Bond* in the night, which Captain *Eaton* did, *Morton* continuing aboard of Captain *Eaton*, as finding his the better Ship. Captain *Bond* thus losing both his Consort *Eaton*, and *Morton* his Pilot, and his Ship being but an ordinary Sailer, he despaired of getting into the *South Seas*; and he had plaid such tricks among the *Caribbee Isles*, as I have been informed, that he did not dare to appear at any of the *English* Islands. Therefore he perswaded his Men to go to the *Spaniards*, and they consented to do any thing that he should propose: so he presently steered away into the *West Indies*, and the first place where he came to an anchor was at *Portobel*. He presently declared to the Governour, that there were *English* Ships coming into the *South Seas*, and that if they questioned it, he offered to be kept a Prisoner till time should discover the truth of what he said; but they believed him, and sent him away to *Panama*, where he was in great esteem. This several Prisoners told us.

The *Spaniards* of *Panama* could not have fitted out their *Fireship* without this Captain *Bond*'s assistance: for it is strange to say, how grossly ignorant the *Spaniards* in the *West Indies*, but especially in the *South Seas*, are of Sea-affairs. They build indeed good Ships; but this is a small matter: for any Ship of a good bottom will serve for these Seas on the South Coast. They rig their Ships but untowardly, have no Guns, but in 3 or 4 of the Kings Ships; and are as meanly furnished with Warlike Provisions, and as much at a loss for the making any *Fireships*, or other
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less usual Machines. Nay they have not the fence to have their Guns run within the sides upon their discharge, but have Platforms without for the Men to stand or to charge them; so that when we come near we can fetch them down with small shot out of our Boats. A main reason of this is, that the Native *Spaniards* are too proud to be Seamen, but use the *Indians* for all those Offices: one *Spaniard*, it may be, going in the Ship to command it, and himself of little more knowledge than those poor ignorant creatures: nor can they gain much Experience, seldom going far off to Sea, but coasting along the shores.

But to proceed: In the morning when it was light we came again to an anchor close by our Buoys, and strove to get our Anchors again; but our Buoy-Ropes being rotten, broke. While we were puzzling about our Anchors, we saw a great many Canoas full of Men pass between *Tabago* and the other Island. This put us into a new consternation: we lay still some time, till we saw that they came directly towards us, then we weighed and stood toward them: and when we came within hale, we found that they were *English* and *French* Privateers come out of the *North Seas* through the Isthmus of *Darien*. They were 280 Men, in 28 Canoas; 200 of them *French*, the rest *English*. They were commanded by Captain *Gronet*, and Captain *Lequie*. We presently came to an Anchor again, and all the Canoas came aboard. These Men told us, that there were 180 *English* Men more, under the Command of Captain *Townley*, in the Country of *Darien*, making Canoas (as these Men had been) to bring them into these Seas. All the *English* Men that came over in this Party were immediately entertain'd by Captain *Davis* and Captain *Swan* in their own Ships; and the *French* Men were ordered to have our Flower Prize to carry them, and Captain *Gronet* being the eldest Commander was to command them there; and thus they were all disposed of to their hearts

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An. 1685 hearts content. Captain *Gronet*, to retaliate this kindness, offered Captain *Davis* and Captain *Swan*, each of them a new Commission from the Governor of *Petit Guayres*. It has been usual for many years past, for the Governor of *Petit Guayres* to send blank Commissions to Sea by many of his Captains, with orders to dispose of them to whom they saw convenient. Those of *Petit-Guayres* by this means making themselves the Sanctuary and Asylum of all People of desperate Fortunes; and increasing their own Wealth, and the Strength and Reputation of their Party thereby. Captain *Davis* accepted of one, having before only an old Commission, which fell to him by Inheritance at the decease of Captain *Cook*; who took it from Captain *Thristian*, together with his Bark, as is before mentioned. But Captain *Swan* refused it, saying he had an order from the Duke of *York*, neither to give offence to the *Spaniards*, nor to receive any affront from them; and that he had been injured by them at *Baldivia*, where they had kill'd some of his Men, and wounded several more; so that he thought he had a lawful Commission of his own to right himself. I never read any of these *French* Commissions while I was in these Seas, nor did I then know the import of them: but I have learnt since, that the Tenour of them is, to give a Liberty to fish, fowl, and hunt. The occasion of this is, that the Island of *Hispaniola*, where the Garrison of *Petit-Guayres* is, belongs partly to the *French*, and partly to the *Spaniards*; and in time of Peace these Commissions are given as a Warrant to those of each side to protect them from the adverse Party: but in effect the *French* do not restrain them to *Hispaniola*, but make them a pretext for a general ravage in any part of *America*, by Sea or Land.

Having thus disposed of our Associates, we intend ed to sail towards the Gulf of *St. Michael*, to seek Captain *Townley*; who by this time we thought might

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might be entring into these Seas. Accordingly the second day of *March*, 1685. we sail'd from hence towards the Gulf of *St. Michael*. This Gulf lyes near 30 leagues from *Panama*, towards the S.E. The way thither from *Panama* is, to pass between the *Kings Islands* and the Main. It is a place where many great Rivers having finished their courses are swallowed up in the Sea. It is bounded on the S. with Point *Garachina*, which lyeth in North lat. 6d. 40 m. and on the North side with Cape *St. Lorenzo*. Where, by the way, I must correct a gross error in our common Maps; which giving no name at all to the South Cape, which yet is the most considerable, and is the true Point *Garachina*; do give that name to the North Cape, which is of small remark, only for those whose business is into the Gulf: and the name *St. Lorenzo*, which is the true name of this Northern Point, is by them wholly omitted; the name of the other Point being substituted into its place. The chief Rivers which run into this Gulf of *St. Michael*, are *Santa Maria*, *Sambo*, and *Congos*. The River *Congos* (which is the River I would have perswaded our men to have gone up, as their nearest way in our Journey over Land, mentioned Chap. 1.) comes directly out of the Country, and swallows up many small Streams that fall into it from both sides; and at last loseth itself on the North side of the Gulf, a league within Cape *St. Lorenzo*. It is not very wide, but deep, and navigable some leagues within land. There are Sands without it; but a Channel for Ships. 'Tis not made use of by the *Spaniards*, because of the neighbourhood of *Santa Maria* River; where they have most business on account of the Mines.

The River of *Sambo* seems to be a great River, for there is a great tyde at its mouth; but I can say nothing more of it, having never been in it. This River falls into the Sea on the South side of the Gulf,



near

An. 1685 near Point Garachina. Beyond the mouth of these 2 Rivers on either side, the Gulf runs in towards the Land somewhat narrower, and makes 5 or 6 small Islands, which are cloathed with great Trees, green and flourishing all the year, and good Channels between the Islands. Beyond which further in still, the shore on each side closes so near, with 2 Points of low Mangrove Land, as to make a narrow or strait, scarce half a mile wide. This serves as a mouth or entrance to the inner part of the Gulf, which is a deep Bay 2 or 3 leagues over every way, and about the East end thereof are the mouths of several Rivers, the chief of which is that of *Santa Maria*. There are many outlets or Creeks besides this narrow place I have described, but none navigable beside that. For this reason, the *Spanish* Guard-Ship, mention'd in Chap. 1. chose to lye between these two Points, as the only passage they could imagine we should attempt; since this is the way that the Privateers have generally taken, as the nearest, between the *North* and *South Seas*. The River of *Santa Maria* is the largest of all the Rivers of this Gulf: It is navigable 8 or 9 leagues up; for so high the tyde flows. Beyond that place the River is divided into many Branches, which are only fit for Canoas. The tyde rises and falls in this River about 18 foot.

About 6 leagues from the Rivers mouth, on the South side of it, the *Spaniards* about 20 years ago upon their first discovery of the Gold Mines here built the Town *Santa Maria*, of the same name with the River. This Town was taken by Captain *Coxon*, Captain *Harris*, and Captain *Sharp*, at their entrance into these Seas; it being then but newly built. Since that time it is grown considerable; for when Captain *Harris*, the Nephew of the former, took it (as is said in Chap. 6.) he found in it all sorts of Trade men, with a great deal of Flower, and Wine, and

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The Gold Mines of Santa Maria

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An. 1685

abundance of Iron Crows and Pickaxes. These were Instruments for the Slaves to work in the Gold Mines; for besides what Gold and Sand they take up together, they often find great lumps, wedged between the Rocks, as if it naturally grew there. I have seen a lump as big as a Hens Egg, brought by Captain *Harris* from thence, (who took 120 pound there) and he told me that there were lumps a great deal bigger: but these they were forc'd to beat in pieces that they might divide them. These lumps are not so solid, but that they have crevices and pores full of Earth and Dust. This Town is not far from the Mines, where the *Spaniards* keep a great many Slaves to work in the dry time of the year: but in the rainy season when the Rivers do overflow, they cannot work so well. Yet the Mines are so nigh the mountains, that as the Rivers soon rise, so they are soon down again; and presently after the rain is the best searching for Gold in the Sands: for the violent rains do wash down the Gold into the Rivers, where much of it settles to the bottom and remains. Then the Native *Indians* who live hereabouts get most; and of them the *Spaniards* buy more Gold than their Slaves get by working. I have been told that they get the value of 5 Shillings a day, one with another. The *Spaniards* withdraw most of them with their Slaves, during the wet season, to *Panama*. At this Town of *St. Maria*, Captain *Townley* was lying with his Party, making Canoas, when Captain *Gronet* came into the Seas; for it was then abandoned by the *Spaniards*.

There is another small new Town at the mouth of the River called the *Scuchaderoës*: It stands on the North side of the open place, at the mouth of the River of *St. Maria* where there is more air than at the Mines, or at *Santa Maria* Town, where they are in a manner stifled with heat for want of air.

An. 1688

All about these Rivers, especially near the Sea, the Land is low, it is deep black Earth, and the Trees it produceth are extraordinary large and high. Thus much concerning the Gulf of *St. Michael*, whether we were bound.

The second day of *March*, as is said before, we weighed from *Perico*, and the same night we anchored again at *Pacheque*. The third day we sailed from thence, steering towards the Gulf. Captain *Swan* undertook to fetch off Captain *Townly* and his Men: therefore he kept near the Main; but the rest of the Ships stood nearer the *Kings Islands*. Captain *Swan* desired this office, because he intended to send Letters over-land by the *Indians* to *Jamaica*; which he did; ordering the *Indians* to deliver his Letters to any *English* Vessel in the other Seas. At 2 a clock we were again near the place where we clean'd our Ships. There we saw two Ships coming out, who proved to be Captain *Townly* and his Men. They were coming out of the River in the night, and took 2 Barks bound for *Panama*: the one was laden with Flower, the other with Wine, Brandy, Sugar, and Oyl. The Prisoners that he took declared, that that the *Lima* Fleet was ready to sail. We went and anchored among the *Kings Islands*, and the next day Captain *Swan* returned out of the River of *Santa Maria*, being informed by the *Indians*, that Captain *Townley* was come over to the *Kings Islands*. At this place Captain *Townley* put out a great deal of his Goods to make room for his Men. He distributed his Wine and Brandy, fore to every Ship, that it might be drunk out; because he wanted the Jars to carry Water in. The *Spaniards* in these Seas carry all their Wine, Brandy, and Oyl in Jars that hold 7 or 8 Gallons. When they lade at *Pisco* (a place about 40 leagues to the Southward of *Lima*, and famous for Wine) they bring nothing else but Jars of Wine, and they stow one tier on the top of another

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so artificially, that we could hardly do the like *An. 1685* without breaking them: yet they often carry in this manner 1500 or 2000, or more in a Ship, and seldom break one. The 10th day we took a small Bark that came from *Guiaquil*: she had nothing in her but Ballast. The 12th day there came an *Indian* Canoa out of the River of *Santa Maria*, and told us, that there were 200 *English* and *French* men more coming over Land from the *North Seas*. The 15th day we met a Bark, with 5 or 6 *English* men in her, that belonged to Captain *Knight*, who had been in the *South Seas* 5 or 6 months, and was now on the *Mexican* Coast. There he had spied this Bark; but not being able to come up with her in his Ship, he detach'd these 5 or 6 Men in a Canoa, who took her, but when they had done could not recover their own Ship again, losing company with her in the night; and therefore they came into the Bay of *Panama*, intending to go over land back into the *North Seas*, but that they luckily met with us: for the Isthmus of *Darien* was now become a common Road for Privateers to pass between the *North* and *South Seas* at their pleasure. This Bark of Captain *Knight's* had in her 40 or 50 Jars of Brandy: she was now commanded by Mr. *Henry More*; but Captain *Swan*, intending to promote Captain *Harris*, caused Mr. *More* to be turned out, alledging that it was very likely these Men were run away from their Commander. Mr. *More* willingly resigned her, and went aboard of Captain *Swan*, and became one of his Men.

It was now the latter end of the dry season here; and the Water at the *Kings*, or *Pearl Islands*, (of which there was plenty when we first came hither) was now dried away. Therefore we were forced to go to Point *Garachina*, thinking to water our Ships there. Captain *Harris*, being now Commander of the new Bark, was sent into the River

An. 1685 of *Santa Maria*, to see for those Men that the *Indians* told us of, whilst the rest of the Ships sailed towards Point *Garachina*; where we arriv'd the 21st day, and anchored 2 mile from the Point, and found a strong Tide running out of the River *Sambo*. The next day we run within the Point, and anchored in 4 fathom at low water. The Tide riseth here 8 or 9 foot: the Flood sets N. N. E. the Ebb S. S. W. The *Indians* that inhabit in the River *Sambo* came to us in Canoas, and brought Plantains and Bonanoes. They could not speak, nor understand *Spanish*; therefore I believe they have no Commerce with the *Spaniards*. We found no fresh Water here neither; so we went from hence to *Porto Pinas*, which is 7 leagues S. by W. from hence.

Porto Pinas lieth in lat. 7 d. North. It is so called because there are many Pine-trees growing there. The Land is pretty high, rising gently as it runs into the Country. This Country near the Sea is all covered with pretty high Woods: the Land that bounds the Harbor is low in the middle, but high and rocky at both sides. At the mouth of the Harbor there are 2 small high Islands, or rather barren Rocks. The *Spaniards* in their Pilot Books commend this for a good Harbour; but it lieth all open to the S. W. Winds, which frequently blow here in the wet season: besides, the Harbor within the Islands is a place of but small extent, and hath a very narrow going in; what depth of Water there is in the Harbor I know not.

The 25th day we arrived at this Harbor of Pines, but did not go in with our Ships, finding it but an ordinary place to lye at. We sent in our Boats to search it, and they found a stream of good Water running into the Sea: but there were such great swelling surges came into the Harbor, that we could not conveniently fill our Water there.

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The 26th day we returned to Point *Garachina* again. *An. 1685*
 In our way we took a small Vessel laden with Cacao: she came from *Guiaquil*. The 29th day we arrived at Point *Garachina*. There we found Captain *Harris*, who had been in the River of *Santa Maria*; but he did not meet the Men that he went for. Yet he was informed again by the *Indians*, that they were making Canoas in one of the branches of the River of *Santa Maria*. Here we shared our Cacao lately taken.

Because we could not fill our Water here, we designed to go to *Tabago* again, where we were sure to be supplied. Accordingly, on the 30th day we set sail, being now 9 Ships in company; and had a small Wind at S.S.E. The first day of *April*, being in the Channel between the *Kings Islands* and the Main, we had much Thunder, Lightning, and some Rain: This evening we anchored at the Island *Facheque*, and immediately sent 4 Canoas before us to the Island *Tabago*, to take some Prisoners for information, and we followed the next day. The 3d day in the evening we anchored by *Perica*, and the next morning went to *Tabago*: where we found our 4 Canoas. They arrived there in the night, and took a Canoa that came (as is usual) from *Panama* for Plantains. There were in the Canoa 4 *Indians* and a *Mulata*. The *Mulata*, because he said he was in the Fireship that came to burn us in the night, was immediately hang'd. These Prisoners confirmed, that one Captain *Bond*, an *English* man, did command her.

Here we fill'd our Water, and cut Fire-wood; and from hence we sent 4 Canoas over to the Main, with one of the *Indians* lately taken to guide them to a Sugar-work; for now we had Cacao we wanted Sugar to make Chocolate. But the chiefest of their business was to get Coppers; for each Ship having now so many Men, our Pots would

An. 1685

not boil Victuals fast enough, though we kept them boiling all the day. About 2 or 3 days after they returned aboard with 3 Coppers.

While we lay here Captain *Davis* his Bark went to the Island *Otoque*. This is another inhabited Island in the Bay of *Panama*, not so big as *Tabago*, yet there are good Plantain Walks on it, and some Negroes to look after them. These Negroes rear Fowls and Hogs for their Masters, who live at *Panama*; as at the *Kings Islands*. It was for some Fowls or Hogs that our Men went thither; but by accident they met also with an Express, that was sent to *Panama* with an account, that the *Lima* Fleet was at Sea. Most of the Letters were thrown overboard and lost; yet we found some that said positively, that the Fleet was coming with all the strength that they could make in the Kingdom of *Peru*; yet were ordered not to fight us, except they were forced to it: (though afterwards they chose to fight us, having first landed their Treasure at *Lavelia*) and that the Pilots of *Lima* had been in consultation what course to steer to miss us.

For the satisfaction of those who may be curious to know, I have here inserted the Resolutions taken by the Committee of Pilots, as one of our company translated them, out of the *Spanish* of two of the Letters we took. The first Letter as follows.

S I R,

HAVING been with his Excellency, and heard the Letter of Captain Michael Sanches de Tena read; wherein he says, there should be a meeting of the Pilots of *Panama* in the said City, they say tis not time, putting for objection the *Gallapagoes*; to which I answered, that it was fear of the Enemy, and that they might well go that way. I told this to his Excellency, who was pleased to command me to write the Course, which is as follows.

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The day for sailing being come, go forth to the West South West; from that to West till you are forty leagues off at Sea; then keep at the same distance to the N. W. till you come under the Line: from whence the Pilot must shape his Course for Morode Porco, and for the Coast of Lavelia and Natta: where you may speak with the people, and according to the information they give you may keep the same Course for Otoque, from thence to Tabago, and so to Panama: this is what offers as to the Course.

The Letter is obscure: but the Reader must make what he can of it. The Directions in the other Letter were to this Effect.

THE surest Course to be observed going forth from Malabrigo, is thus: you must sail W. by S. that you may avoid the sight of the Islands of Lobos; and if you should chance to see them, by reason of the Breezes, and should fall to Leeward of the Lat. of Malabrigo, keep on a Wind as near as you can, and if necessary, go about, and stand in for the shore: then tack and stand off, and be sure keep your Latitude; and when you are 40 leagues to the Westward of the Islands Lobos, keep that distance, till you come under the Line; and then, if the general Wind follows you farther, you must sail N. N. E. till you come into 3 degrees North. And if in this Lat. you should find the breezes, make it your business to keep the Coast, and so sail for Panama. If in your course you should come in sight of the Land before you are abreast of Cape St. Francisco, be sure to stretch off again out of sight of Land, that you may not be discovered by the Enemy.

The last Letter supposes the Fleet's setting out from Malabrigo, in about 8 deg. South Lat. (as the other doth its going immediately from Lima, 4 deg. further South) and from hence is that caution given of avoiding Lobos, as near Malabrigo in their

usual

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An. 1685 usual way to *Panama*, and hardly to be kept out of sight, as the Winds are thereabouts: yet to be avoided by the *Spanish Fleet* at this time, because as they had twice before heard of the Privateers lying at *Lobos de la Mar*, they knew not but at that time we might be there in expectation of them.

The 10th day we sailed from *Tabago* towards the *Kings Islands* again, because our Pilots told us, that the *Kings Ships* did always come this way. The 11th day we anchored at the place where we ca-reen'd. Here we found Captain *Harris*, who had gone a second time into the River of *Santa Maria*, and fetched the body of Men that last came over land, as the *Indians* had informed us: but they fell short of the number they told us of. The 19th day we sent 250 Men in 15 Canoas to the River *Cheapo*, to take the Town of *Cheapo*. The 21st day all our Ships, but Captain *Harris*, who staid to clean his Ship, followed after. The 22d day we arrived at the Island *Chepelio*.

Chepelio is the pleasantest Island in the Bay of *Panama*: It is but 7 leagues from the City of *Panama*, and a league from the Main. This Island is about 2 mile long, and almost so broad; it is low on the North side, and riseth by a small ascent towards the South side. The Soil is yellow, a kind of clay. The high side is stony; the low Land is planted with all sorts of delicate Fruits, viz. *Sapadilloes*, *Avogato-pears*, *Mamnees*, *Mammee-Sappota's*, *Star-apples*, &c. The middle of the Island is planted with *Plantain Trees*, which are not very large, but the Fruit extraordinary sweet.

The *Sapadillo Tree* is as big as a large *Pear-tree*. The Fruit much like a *Bergamo-pear*, both in colour, shape and size; but on some Trees the Fruit is a little longer. When it is green or first gathered, the juice is white and clammy, and it will stick like glew; then the Fruit is hard, but after it hath been gathered

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gathered 2 or 3 days, it grows soft and juicy, and then the juice is clear as Spring-water, and very sweet: In the midst of the Fruit are 2 or 3 black stones or seeds, about the bigness of the Pumpkin seed. This is an excellent Fruit. An. 1685

The *Avogato* Pear-tree is as big as most Pear-trees, and is commonly pretty high; the skin or bark black and pretty smooth; the leaves large, of an oval shape, and the Fruit as big as a large Lemon. It is of a green colour, till it is ripe, and then it is a little yellowish. They are seldom fit to eat till they have been gathered 2 or 3 day; then they become soft, and the skin or rind will peel off. The substance in the inside is green, or a little yellowish, and as soft as Butter. Within the substance there is a stone as big as a Horse-plumb. This Fruit hath no taste of its self, and therefore 'tis usually mixt with Sugar and Lime-juice, and beaten together in a Plate, and this is an excellent dish. The ordinary way is to eat it with a little Salt and a roasted Plantain, and thus a man that's hungry, may make a good meal of it. It is very wholesome eaten any way. It is reported that this Fruit provokes to lust, and therefore is said to be much esteemed by the *Spaniards*; and I do believe they are much esteemed by them, for I have met with plenty of them in many places in the North Seas, where the *Spaniards* are settled, as in the Bay of *Campechy*, on the Coast of *Cartagena*, and the Coast of *Carraccos*; and there are some in *Jamaica*, which were planted by the *Spaniards*, when they possessed that Island.

The Mammee-Sappota Tree is different from the Mammee described at the Isle of *Tabago* in this Chapter. It is not so big or so tall, neither is the Fruit so big or so round. The rind of the Fruit is thin and brittle; the inside is a deep red, and it has a rough flat long stone. This is accounted the principal

An. 1685 cipal Fruit of the *West Indies*. It is very pleasant and wholesome. I have not seen any of these on *Jamaica*; but in many places in the *West Indies* among the *Spaniards*. There is another sort of Mammee-tree, which is called the wild Mammee: This bears a Fruit which is of no value, but the Tree is freight, tall, and very tough, and therefore principally used for making Masts.

The Star Apple Tree grows much like the Quince Tree, but much bigger. It is full of leaves, and the leaf is broad, of an oval shape, and of a very dark green colour. The Fruit is as big as a large Apple, which is commonly so covered with leaves, that a man can hardly see it. They say this is a good Fruit; I did never taste any, but have seen both of the Trees and Fruit in many places on the Main, on the North side of the Continent, and in *Jamaica*. When the *Spaniards* possess that Island they planted this and other sorts of Fruit, as the Sapadillo, Avogadro Pear, and the like; and of these Fruits there is still in *Jamaica* in those Plantations that were first settled by the *Spaniards*, as at the *Angels*, at 7 mile Walk, and 16 mile Walk. There I have seen these Trees which were planted by the *Spaniards*, but I did never see any improvement made by the *English*, who seem in that little curious. The Road for Ships is on the North side, where there is good anchoring half a mile from the shore. There is a Well close by the Sea on the North side, and formerly there were 3 or 4 Houses close by it, but now they are destroyed. This Island stands right against the mouth of the River *Cheapo*.

The River *Cheapo* springs out of the Mountains near the North side of the Country, and it being penn'd up on the South side by other Mountains, bends its course to the Westward between both, till finding a passage on the S. W. it makes a kind of a half circle: and being swell'd to a considerable

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ble bigness, it runs with a slow motion into the
 Sea, 7 leagues from *Panama*. This River is very deep
 and about a quarter of a mile broad: but the mouth
 of it is choaked up with Sands, so that no Ships can
 enter, but Barks may. There is a small *Spanish*
 Town of the same name within 6 leagues of the
 Sea: it stands on the left hand going from the Sea.
 This is it which I said Captain *La Sound* attempted.
 The Land about it is champion, with many small
 Hills cloathed with Weeds; but the biggest part of
 the Country is Savannah. On the South side of the
 River it is all wood-land for many leagues together.
 It was to this Town that our 250 Men were sent.
 The 24th day they returned out of the River, ha-
 ving taken the Town without any opposition: but
 they found nothing in it. By the way going thi-
 ther they took a Canoa, but most of the Men
 escaped ashore upon one of the *Kings Islands*: She
 was sent out well appointed with armed Men to
 watch our motion. The 25th day Captain *Harris*
 came to us, having cleaned his Ship. The 26th
 day we went again toward *Tabago*; our Fleet now,
 upon Captain *Harris* joining us again, consisted of
 10 Sail. We arrived at *Tabago* the 28th day: there
 our Prisoners were examined concerning the
 strength of *Panama*; for now we thought our selves
 strong enough for such an Enterprize, being near
 1000 Men. Out of these, on occasion, we could
 have landed 900: but our Prisoners gave us small
 Encouragement to it, for they assured us, that all
 the strength of the Country was there, and that
 many Men were come from *Portobel*, besides its
 own Inhabitants, who of themselves were more in
 number than we. These reasons, together with
 the strength of the place (which hath a high Wall)
 deterr'd us from attempting it. While we lay here
 at *Tabago* some of our men burnt the Town on the
 Island.

The

An. 1685 The 4th of *May* we sailed hence again bound for the *Kings Islands*; and there we continu'd cruising from one end of these Islands to the other: till on the 22d day Captain *Davis* and Captain *Gronet* went to *Pacheque*, leaving the rest of the Fleet at anchor at *St. Pauls Island*. From *Pacheque* we sent 2 Canoas to the Island *Chepelio*, in hopes to get a Prisoner there. The 25th day our Canoas return'd from *Chepelio*, with three Prisoners which they took there: They were Sea-men belonging to *Panama*, who said that provision was so scarce and dear there, that the poor were almost starved; being hindred by us from those common and daily supplies of Plantains, which they did formerly enjoy from the Islands; especially from those two of *Chepelio* and *Tabago*. That the President of *Panama* had strictly ordered, that none should adventure to any of the Islands for Plantains: but necessity had obliged them to trespass against the President's Order. They farther reported, that the Fleet from *Lima* was expected every day; for it was generally talked that they were come from *Lima*: and that the report at *Panama* was, that King *Charles 2d* of *England* was dead, and that the Duke of *York* was crowned King. The 27th day Captain *Swan* and Captain *Townly* also came to *Pacheque*, where we lay: but Captain *Swan*'s Bark was gone in among the *Kings Islands* for Plantains. The Island *Pacheque*, as I have before related, is the northermost of the *Kings Islands*. It is a small low Island about a league round. On the South side of it there are 2 or 3 small Islands, neither of them half a mile round. Between *Pacheque* and these Islands is a small channel not above 6 or 7 paces wide, and about a mile long. Through this Captain *Townly* made a bold run, being prest hard by the *Spaniards* in the fight I am going to speak of, though he was ignorant whether there was a sufficient depth of Water or not. On the East side

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Lima Fleet, which we were in hopes would come
 this way.

The 28th day we had a very wet morning, for the Rains were come in, as they do usually in *May*, or *June*, sooner or later; so that *May* is here a very uncertain month. Hitherto, till within a few days, we had had good fair weather, and the Wind at N. N. E. but now the weather was altered, and the Wind at S. S. W.

However about eleven a clock it cleared up, and we saw the *Spanish* Fleet about 3 leagues W. N. W. from the Island *Pacheque*, standing close on a Wind to the Eastward; but they could not fetch the Island by a league. We were riding a league S. E. from the Island, between it and the Main; only Captain *Gronet* was about a mile to the Northward of us near the Island: he weighed so soon as they came in sight, and stood over for the Main; and we lay still, expecting when he would tack and come to us: but he took care to keep himself out of harms way.

Captain *Swan* and *Townly* came aboard of Captain *Davis* to order how to engage the Enemy, who we saw came purposely to fight us, they being in all 14 Sail, besides *Periagoes*, rowing with 12 and 14 Oars apiece. Six Sail of them were Ships of good force: first the Admiral 48 Guns, 450 Men; the Vice-Admiral 40 Guns, 400 Men; the Rear-Admiral 36 Guns, 360 Men; a Ship of 24 Guns, 300 Men; one of 18 Guns, 250 Men; and one of eight Guns, 200 Men; 2 great Firehips, 6 Ships only with small Arms, having 800 Men on board them all; besides 2 or 3 hundred Men in *Periagoes*. This account of their strength we had afterwards from Captain *Knight*, who being to the Windward on the Coast of *Peru*, took Prisoners, of whom he had this information, being what they brought from

An. 1685 from *Lima*. Besides these Men, they had also some hundreds of *Old Spain* Men that came from *Portobel*, and met them at *Lavelia*, from whence they now came: and their strength of Men from *Lima* was 3000 Men, being all the strength they could make in that Kingdom; and for greater security they had first landed their Treasure at *Lavelia*.

Our Fleet consisted of 10 Sail: first Captain *Davis* 36 Guns, 156 Men, most *English*; Captain *Swain* 16 Guns, 140 Men, all *English*: These were the only Ships of force that we had; the rest having none but small Arms. Captain *Townly* had 110 men, all *English*. Captain *Gronet* 308 men, all *French*. Captain *Harris* 100 men, most *English*. Captain *Branly* 36 men; some *English* some *French*. *Davis*'s his Tender 8 men; *Swans* Tender 8 men; *Townlys* Bark 80 men; and a small Bark of thirty Tuns made a Fireship, with a Canoa's crew in her. We had in all 960 men. But Captain *Gronet* came not to us till all was over, yet we were not discouraged at it, but resolved to fight them; for being to Windward of the Enemy, we had it at our choice, whether we would fight or not. It was 3 a clock in the afternoon when we weighed, and being all under sail, we bore down right afore the wind on our Enemies, who kept close on a wind to come to us; but night came on without any thing, beside the exchanging of a few shot on each side. When it grew dark the *Spanish* Admiral put out a light, as a signal for his Fleet to come to an Anchor. We saw the light in the Admirals top, which continued about half an hour, and then it was taken down: In a short time after we saw the light again, and being to Windward we kept under sail, supposing the light had been in the Admirals top; but as it proved, this was only a stratagem of theirs; for this light was put out the second time at one of their Barks Topmast-head, and then

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then she was sent to Leeward ; which deceived us: *An. 1685*
 for we thought still the Light was in the Admirals
 top, and by that means thought our selves to wind-
 ward of them.

In the morning therefore, contrary to our ex-
 pectation, we found they had got the Weather-gage
 of us, and were coming upon us with full Sail : so
 we ran for it, and after a running Fight all day,
 and having taken a turn almost round the Bay of
Panama, we came to an anchor again at the Isle of
Pacbeque, in the very same place from whence we
 set out in the morning.

Thus ended this days work, and with it all that
 we had been projecting for 5 or 6 months : when
 instead of making our selves Masters of the *Spanish*
 Fleet and Treasure, we were glad to escape them ;
 and owed that too, in a great measure, to their
 want of courage to pursue their advantage.

The 20th day in the morning when we looked
 out we saw the *Spanish* Fleet all together 3 leagues
 to Leeward of us at an anchor. It was but little
 wind till 10 a clock, and then sprung up a small
 breeze at South, and the *Spanish* Fleet went away to
Panama. What loss they had I know not ; we lost
 but one Man: and having held a consult, we re-
 solved to go to the Keys of *Quibo* or *Cobaya*, to seek
 Captain *Harris*, who was forced away from us in
 the Fight : that being the place appointed for our
 Rendezvous upon any such accident. As for *Gronet*,
 he said his Men would not suffer him to join us in
 the Fight: but we were not satisfied with that ex-
 cuse ; so we suffered him to go with us to the Isles of
Quiboa, and there cashier'd our cowardly Campani-
 on. Some were for taking from him the Ship which
 we had given him : but at length he was suffered
 to keep it with his Men, and we sent them away
 in it to some other place.

C H A P. VIII.

They set out from Tabago. Isle of Chuche. The Mountain called Moro de Porcos. The Coast to the Westward of the Bay of Panama. Isles of Quibo, Quicaro, Rancheria. The Palma-Maria-tree. The Isles Canales and Cantarras. They build Canoas for a New Expedition; and take Puebla Nova. Captain Knight joins them. Canoas how made. The Coast and Winds between Quibo and Nicoya. Volcan Vejo again. Tornados. and the Sea rough. Ria Lexa Harbour. The City of Leon taken and burnt. Ria Lexa Creek; the Town and Commodities: the Guava-fruit, and Prickle-Pear: A Ransom paid honourably upon Parole: The Town burnt. Captain Davis and others go off for the South Coast. A contagious Sickness at Ria Lexa. Terrible Tornados. The Volcan of Guatimala: the rich Commodities of that Country, Indico, Otta or Anatta, Cochineel, Silvester. Drift Wood, and Pumice Stones. The Coast further on to the Northwest. Captain Townley's fruitless Expedition towards Tecoantepeque. The Island Tangola, and neighbouring Continent. Guatulco Port. The Buffadore, or Water-spout. Ruins of Guatulco Village. The Coast adjoining. Captain Townly marches to the River Capalita. Turtle at Guatulco. An Indian Settlement. The Vinello Plant and Fruit.

According to the Resolutions we had taken, we set out June the 1st, 1685. passing between

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tween Point *Garachina* and the *Kings Iſlands*. The Wind was at S. S. W. rainy weather, with Tornadoes of Thunder and Lightning. The 3d day we paſſed by the Iſland *Chuche*, the laſt remainder of the Iſles in the Bay of *Panama*. This is a ſmall, low, round, woody Iſland, uninhabited; lying 4 leagues S. S. W. from *Pacheca*.

In our paſſage to *Quibo* Captain *Branly* loſt his Main-Maſt; therefore he and all his Men left his Bark, and came aboard Captain *Davis* his Ship, Captain *Swan* alſo ſprung his Maintop Maſt, and got up another; but while he was doing it, and we were making the beſt of our way, we loſt ſight of him, and were now on the North ſide of the Bay; for this way all Ships muſt paſs from *Panama*, whether bound towards the Coaſt of *Mexico* or *Peru*. The 10th day we paſſed by *Moro de Porcos*, or the *Mountain of Hogs*. Why ſo called I know not: it is a high round Hill on the Coaſt of *Lavelia*.

This ſide of the Bay of *Panama* runs out weſterly to the Iſlands of *Quibo*; there are on this Coaſt many Rivers and Creeks, but none ſo large as thoſe on the South ſide of the Bay. It is a Coaſt that is partly mountainous, partly low land, and very thick of Woods bordering on the Sea; but a few leagues within land it conſiſts moſtly of Savannahs, which are ſtock'd with Bulls and Cows. The Rivers on this ſide are not wholly deſtitute of Gold; though not ſo rich as the Rivers on the other ſide of the Bay. The Coaſt is but thinly inhabited, for except the Rivers that lead up to the Towns of *Nata* and *Lavelia*, I know of no other Settlement between *Panama* and *Puebla Nova*. The Spaniards may travel by land from *Panama* through all the Kingdom of *Mexico*, as being full of Savannahs; but towards the Coaſt of *Peru* they cannot paſs further than the River *Cheapo*; the Land there being ſo full of thick Woods, and watered with ſo many

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An. 1685 great Rivers, besides less Rivers and Creeks, that the *Indians* themselves who inhabit there cannot travel far without much trouble.

We met with very wet weather in our Voyage to *Quibo*; and with S. S. W. and sometimes S. W. Winds, which retarded our course. It was the 15th day of *June* when we arrived at *Quibo*, and found there Captain *Harris* whom we fought. The Island *Quibo* or *Cabaya* is in lat. 7 d. 14 m. North of the Equator. It is about 6 or 7 leagues long, and 3 or 4 broad. The Land is low, except only near the N. E. end. It is all over plentifully stored with great tall flourishing Trees of many sorts; and there is good water on the East and North East sides of the Island. Here are some Deer, and plenty of pretty large black Monkeys, whose Flesh is sweet and wholesome: besides a few Guanoes, and some Snakes. I know no other sort of Land Animal on the Island. There is a shole runs out from the S. E. point of the Island, half a mile into the Sea; and a league to the North of this shole point, on the East side, there is a Rock about a mile from the shore, which at the last quarter ebb appears above Water. Besides these two places there is no danger on this side, but Ships may run within a quarter of a mile of the shore, and anchor in 6, 8, 10, or 12 fathom, good clean Sand and Ooze.

There are many other Islands lying some on the S. W. side, others on the N. and N. E. sides of this Island; as the Island *Quicaro*, which is a pretty large Island S. W. of *Quibo*, and on the North of it is a small Island called the *Rancheria*; on which Island are plenty of *Palma-Maria* Trees. The *Palma-Maria* is a tall straight-bodied Tree, with a small Head, but very unlike the Palm-tree, notwithstanding the Name. It is greatly esteemed for making Masts, being very tough, as well as of a good length; for the grain of the Wood runs not straight along

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along it, but twisting gradually about it. These Trees *An. 1685* grow in many places of the *West Indies*, and are frequently used both by the *English* and *Spaniards* there for that use. The Islands *Canales* and *Cantarras*, are small Islands lying on the N. E. of *Rancheria*. These have all Channels to pass between, and good anchoring about them; and they are as well stored with Trees and Water as *Quibo*. Sailing without them all, they appear to be part of the Main. The Island *Quibo* is the largest and most noted; for although the rest have Names, yet they are seldom used only for distinction sake: these, and the rest of this knot, passing all under the common name of the *Keys of Quibo*. Captain *Swan* gave to several of these Islands the Names of those *English* Merchants and Gentlemen who were Owners of his Snip.

June 16th Captain *Swan* came to an anchor by us: and then our Captains consulted about new methods to advance their fortunes: and because they were now out of hopes to get any thing at Sea, they resolved to try what the Land would afford. They demanded of our Pilots what Towns on the Coast of *Mexico* they could carry us to. The City of *Leon* being the chiefest in the Country (any thing near us) though a pretty way within Land, was pitcht on. But now we wanted Canoas to land our Men, and we had no other way but to cut down Trees, and make as many as we had occasion for: these Islands affording plenty of large Trees fit for our purpose. While this was doing we sent 150 Men to take *Puebla Nova* (a Town upon the Main near the innermost of these Islands) to get Provision: It was in going to take this Town that Captain *Sawkins* was killed, in the year 1680, who was succeeded by *Sharp*. Our Men took the Town with much ease; although there was more strength of Men than when Captain *Sawkins* was kill'd. They returned again the 24th day, but got

An. 1685 no Provision there. They took an empty Bark in their way, and brought her to us.

The 5th day of *July* Captain *Knight*, mentioned in my last Chapter, came to us. He had been cruising a great way to the Westward, but got nothing beside a good Ship. At last, he went to the Southward, as high as the Bay of *Guiaquil*, where he took a Bark-log, or pair of Bark-logs as we call it, laden chiefly with Flower. She had other Goods, as Wine, Oyl, Brandy, Sugar, Soap, and Leather of Goats-skins; and he took out as much of each as he had occasion for, and then turned her away again. The Master of the Float told him, that the Kings Ships were gone from *Lima* towards *Panama*: that they carried but half the Kings Treasure with them, for fear of us, although they had all the strength that the Kingdom could afford: that all the Merchant Ships which should have gone with them were laden and lying at *Payta*, where they were to wait for further orders. Captain *Knight* having but few Men did not dare to go to *Payta*, where, if he had been better provided he might have taken them all; but he made the best of his way into the Bay of *Panama*, in hopes to find us there enriched with the Spoils of the *Lima* Fleet; but coming to the *Kings Islands* he had advice by a Prisoner, that we had engaged with their Fleet, but were worsted, and since that made our way to the Westward; and therefore he came hither to seek us. He presently conformed with us, and set his Men to work to make Canoas. Every Ships company made for themselves, but we all helped each other to launch them; for some were made a mile from the Sea.

The manner of making a Canoa is, after cutting down a large long Tree, and squaring the uppermost side, and then turning it upon the flat side, to shape the opposite side for the bottom. Then again they

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they turn her, and dig the inside; boring also *Am. 1685* three holes in the bottom, one before, one in the middle, and one aloft, thereby to gage the thickest of the bottom; for otherwise we might cut the bottom thinner than is convenient. We left the bottoms commonly about 3 inches thick, and the sides 2 inches thick below, and one and an half at the top. One or both of the ends we sharpen to a point.

Captain *Davis* made two very large Canoas: one was 36 foot long, and 5 or 6 feet wide; the other 32 foot long, and near as wide as the other. In a months time we finished our business and were ready to sail. Here Captain *Harris* went to lay his Ship aground to clean her, but she being old and rotten fell in pieces: and therefore he and all his Men went aboard of Captain *Davis* and Captain *Swan*. While we lay here we struck Turtle every day, for they were now very plentiful: but from *August* to *March* here are not many. The 18th day of *July*, *John Rose*, a *Frenchman*, and 14 Men more, belonging to Captain *Gronet*, having made a new Canoa, came in her to Captain *Davis*, and desired to serve under him; and Captain *Davis* accepted of them, because they had a Canoa of their own.

The 20th day of *July* we sailed from *Quibo*, bending our course for *Ria Lexa*, which is the Port for *Leon*, the City that we now designed to attempt. We were now 640 men in 8 sail of Ships, Comanded by Captain *Davis*, Captain *Swan*, Captain *Townly*, and Captain *Knight*, with a Fireship and 3 Tenders, which last had not a constant crew. We past out between the River *Quibo* and the *Rancheria*, leaving *Quibo* and *Quicaro* on our Larboard side, and the *Rancheria*, with the rest of the Islands, and the Main, on our Starboard side. The Wind at first was at South South West, We coasted along shore passing by the Gulf of *Nicoya*, the Gulf of *Dulce*, and by the Island *Cameo*. All this Coast is low Land,

An. 1685 overgrown with thick Woods, and there are but few inhabitants near the shore. As we sailed to the Westward we had variable winds, sometimes S. W. and at W. S. W. and sometimes at E. N. E. but we had them most commonly at S. W.; we had a Tornado or two every day, and in the evening or in the night, we had land winds at N. N. E.

The 8th day of *August*, being in the lat. of 11 d. 20 m. by observation, we saw a high Hill in the Country, towering up like a Sugar-loaf, which bore N. E. by N. We supposed it to be *Volcan Vejo*, by the smoak which ascended from its top; therefore we steered in North, and made it plainer, and then knew it to be that *Volcan*, which is the Sea-mark for the harbour for *Ria Lexo*; for, as I said before, in Chapter the 5th, it is a very remarkable Mountain. When we had brought this Mountain to bear N. E. we got out all our Canoas, and provided to embark into them the next day.

The 9th day in the morning, being about 8 leagues from the shore, we left our Ships under the charge of a few men, and 520 of us went away in 31 Canoas, rowing towards the Harbour of *Ria Lexa*. We had fair Weather and little Wind till 2 a clock in the afternoon, then we had a Tornado from the shore, with much Thunder, Lightning and Rain, and such a gust of Wind, that we were all like to be founderd. In this extremity we put right afore the Wind, every Canoas crew making what shift they could to avoid the threatning danger. The small Canoas being most light and buoyant, mounted nimbly over the Surges, but the great heavy Canoas lay like logs in the Sea, ready to be swallowed by every foaming billow. Some of our Canoas were half full of water, yet kept two men constantly heaving it out. The fierceness of the Wind continued about half an hour, and abated by degrees; and as the Wind died away, so

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the fury of the Sea abated : For in all hot Countries *An. 1685*
 as I have observed, the Sea is soon raised by the
 Wind, and as soon down again when the Wind is
 gone, and therefore it is a proverb among the Sea-
 men, *Up Wind, up Sea : Down Wind, down Sea.* At
 7 a clock in the evening it was quite calm, and the
 Sea as smooth as a Mill-pond. Then we tugg'd to
 get into the shore, but finding we could not do it
 before day, we rowed off again to keep our selves
 out of sight. By that time it was day, we were 5
 leagues from the Land, which we thought was far
 enough off shore. Here we intended to lye till the
 evening, but at 3 a clock in the afternoon we had
 another Tornado, more fierce than that which we
 had the day before. This put us in greater peril of
 our lives, but did not last so long. As soon as the
 violence of the Tornado was over, we rowed in
 for the shore, and entered the Harbour in the
 night: The Creek which leads towards *Leon*, lieth
 on the S. E. side of the Harbour. Our Pilot being
 very well acquainted here, carried us into the
 mouth of it, but could carry us no farther till day,
 because it is but a small Creek, and there are other
 Creeks like it. The next morning as soon as it was
 light, we rowed into the Creek, which is very
 narrow ; the Land on both sides lying so low, that
 every tide it is overflown with the Sea. This sort of
 Land produceth red Mangrove-trees, which are here
 so plentiful and thick, that there is no passing thro
 them. Beyond these Mangroves on the firm Land
 close by the side of the River, the *Spaniards* have
 built a Brestwork, purposely to hinder an Enemy
 from landing. When we came in sight of the
 Brestwork, we rowed as fast as we could to get
 ashore : The noise of our Oars allarmed the *Indians*
 who were set to watch, and presently they ran a-
 way towards the City of *Leon*, to give notice of our
 approach. We landed as soon as we could, and
 marched

An. 1685 marched after them: 470 men were drawn out to march to the Town, and I was left with 59 men more to stay and guard the Canoas till their return.

The City of *Leon* is 20 mile up in the Country: The way to it plain and even, through a champion Country, of long grassy Savannahs, and spots of high Woods. About 5 mile from the landing place there is a Sugar work, 3 mile farther there is another, and 2 mile beyond that, there is a fine River to ford, which is not very deep, besides which, there is no water in all the way, till you come to an *Indian Town*, which is 2 mile before you come to the City, and from thence it is a pleasant straight sandy way to *Leon*. This City stands in a plain not far from a high peaked Mountain, which oftentimes casts forth fire and smoak from its top. It may be seen at Sea, and it is called the *Volcan of Leon*. The Houses of *Leon* are not high built, but strong and large, with Gardens about them. The Walls are Stone, and the covering of Pan-tile: There are 3 Churches and a Cathedral, which is the head Church in these parts. Our Countryman Mr *Gage*, who travelled in these parts, recommends it to the World as the pleasantest place in all *America*, and calls it the Paradise of the *Indies*. Indeed if we consider the advantage of its situation, we may find it surpassing most places, for health and pleasure, in *America*, for the Country about it is of a sandy Soil, which soon drinks up all the Rain that falls, to which these parts are much subject. It is incompass'd with Savannahs; so that they have the benefit of the breezes coming from any quarter, all which makes it a very healthy place. It is a place of no great Trade, and therefore not rich in money. Their wealth lies in their Pastures, and Cattle, and Plantations of Sugar. It is said that they make Cordage here of Hemp, but if they have any such Manufactory, it is at some distance from

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Thither our men were now marching; they went from the Canoas about 8 a clock. Captain *Townly* with 80 of the briskest men marched before, Captain *Swan* with 100 men marched next, and Captain *Davis* with 170 men marched next, and Captain *Knight* brought up the Rear. Captain *Townly*, who was near 2 mile a head of the rest, met about 70 Horsemen 4 mile before he came to the City, but they never stood him. About 3 a clock Captain *Townly* only with his 80 men entered the Town, and was briskly charged in a broad street, with 170 or 200 *Spanish* Horsemen, but 2 or 3 of their Leaders being knock d down, the rest fled. Their foot consisted of about 500 men, which were drawn up in the Parade; for the *Spaniards* in these parts make a large square in every Town, tho the Town it self be small. This Square is called the Parade: commonly the Church makes one side of it, and the Gentlemens Houses with their Galleries about them the other. But the Foot also seeing their Horse retire, left an empty City to Captain *Townly*; beginning to save themselves by flight. Captain *Swan* came in about 4 a clock, Captain *Davis* with his men about 5, and Captain *Knight* with as many men as he could encourage to march, came in about 6, but he left many men tired on the road; these, as is usual, came dropping in one or two at a time, as they were able. The next morning the *Spaniards* kill'd one of our tired men; he was a stout old Grey-headed man, aged about 84, who had served under *Oliver* in the time of the *Irish* Rebellion; after which he was at *Jamaica*, and had followed Privateering ever since. He would not accept of the offer our men made him to tarry ashore, but said he would venture as far as the best of them: and when surrounded

In 1685 rounded by the *Spaniards* he refused to take quarter, but discharged his Gun amongst them, keeping a Pistol still charged, so they shot him dead at a distance. His name was *Swan*; he was a very merry hearty old man, and always used to declare he would never take quarter: But they took Mr. *Smith*, who was tired also; he was a Merchant belonging to Captain *Swan*, and being carried before the Governour of *Leon*, was known by a *Mulatta* woman that waited on him. Mr. *Smith* had lived many years in the *Canaries*, and could speak and write very good *Spanish*, and it was there this *Mulatto* woman remembred him. He being examined how many men we were, said 1000 at the City and 500 at the Canoas, which made well for us at the Canoas, who straggling about every day might easily have been destroyed. But this so daunted the Governour, that he did never offer to molest our men, although he had with him above 1000 men as Mr. *Smith* guessed. He sent in a Flag of Truce about noon, pretending to ransom the Town rather than let it be burnt, but our Captains demanded 300000 pieces of eight for its ransom, and as much provision as would victual 1000 men 4 months, and Mr. *Smith* to be ransomed for some of their Prisoners; but the *Spaniards* did not intend to ransom the Town, but only capitulated day after day to prolong time till they had got more men. Our Captains therefore, considering the distance that they were from the Canoas, resolved to be marching down. The 14th day in the morning they ordered the City to be set on fire, which was presently done, and then they came away: but they took more time in coming down than in going up. The 15th day in the morning the *Spaniards* sent in Mr. *Smith*, and had a Gentlewoman in exchange. Then our Captains sent a Letter to the Governor, to acquaint him, that they intended

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next to visit *Ria Lexa*, and desired to meet him there: *An. 1685*
 they also released a Gentleman on his promise of
 paying 150 Beefs for his Ransom, and to deliver
 them to us at *Ria Lexa*; and the same day our Men
 came to their Canoas: where having staid all night,
 the next morning we all entered our Canoas, and
 came to the Harbour of *Ria Lexa*, and in the after-
 noon our Ships came thither to an anchor.

The Creek that leads to *Ria Lexa* lyeth from the
 N.W. part of the Harbour, and it runs in Norther-
 ly. It is about 2 leagues from the Island in the
 Harbours mouth to the Town; 2 thirds of the
 way it is broad, then you enter a narrow deep
 Creek, bordered on both sides with Red Mangrove
 Trees, whose limbs reach almost from one side to
 the other. A mile from the mouth of the Creek it
 turns away West. There the *Spaniards* have made a
 very strong Brestwork, fronting towards the mouth
 of the Creek, in which were placed 100 Soldiers to
 hinder us from landing: and 20 yards below that
 Brestwork there was a Chain of great Trees placed
 across the Creek, so that 10 Men could have kept
 off 500 or 1000.

When we came in sight of the Brestwork we fired
 out two Guns, and they all ran away: and we
 were afterwards near half an hour cutting the
 Boom or Chain. Here we landed, and marched
 to the Town of *Rio Lexo*, or *Rea Lejo*, which is a-
 bout a mile from hence. This Town stands on a
 Plain by a small River. It is a pretty large Town
 with 3 Churches, and an Hospital that hath a fine
 Garden belonging to it: besides many large fair
 Houses, they all stand at a good distance one from
 another, with Yards about them. This is a very
 sickly place, and I believe hath need enough of an
 Hospital; for it is seated so nigh the Creeks and
 Swamps, that it is never free from a noisom smell.
 The Land about it is a strong yellow Clay: yet
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An. 1685 where the Town stands it seemstobe Sand. Here are several sorts of Fruits, as Guavo's, Pine-apples, Melons, and Prickle Pears. The Pine-apple and Melon are well known.

The Guava Fruit grows on a hard scrubbed Shrub, whose Bark is smooth and whitish, the branches pretty long and small, the leaf somewhat like the leaf of a Hazel, the fruit much like a Pear, with a thin rind; it is full of small hard seeds, and it may be eaten while it is green, which is a thing very rare in the *Indies*: for most Fruit, both in the *East* or *West Indies*, is full of clammy, white, unfavoury juice, before it is ripe, though pleasant enough afterwards. When this Fruit is ripe it is yellow, soft, and very pleasant. It bakes as well as a Pear, and it may be coddled, and it makes good Pies. There are of divers sorts different in shape, taste, and colour. The inside of some is yellow, of others red. When this Fruit is eaten green it is binding, when ripe it is loosening.

The Prickle-pear, Bush, or Shrub, of about 4 or 5 foot high, grows in many places of the *West Indies*, as at *Jamaica*, and most other Islands there; and on the Main in several places. This prickly Shrub delights most in barren sandy grounds; and they thrive best in places that are near the Sea: especially where the Sand is saltish. The Tree, or Shrub, is 3 or 4 foot high, spreading forth several branches; and on each branch 2 or 3 leaves. These leaves (if I may call them so) are round, as broad every way as the palm of a man's hand, and as thick; their substance like Houseleek: these leaves are fenced round with strong Prickles above an inch long. The Fruit grows at the farther edge of the leaf: it is as big as a large Plumb, growing small near the leaf, and big towards the top, where it opens like a Medlar. This Fruit at first is green like the leaf, from whence it springs with small Prickles

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about it: but when ripe it is of a deep red colour. *An. 1685*
 The inside is full of small black seeds, mixt with a certain red Pulp like thick Syrup: it is very pleasant in taste, cooling, and refreshing; but if a Man eats 15 or 20 of them they will colour his Water, making it look like blood. This I have often experienced, yet found no harm by it.

There are many Sugar-works in the Country, and Estantions or Beef Farms: There is also a great deal of Pitch, Tar, and Cordage, made in the Country, which is the chief of their Trade. This Town we approached without any opposition, and found nothing but empty Houses; besides such things as they could not, or would not, carry away, which were chiefly about 500 Packs of Flower, brought hither in the great Ship that we left at *Amapalla*, and some Pitch, Tar, and Cordage. These things we wanted, and therefore we sent them all aboard. Here we received 150 Beefs, promised by the Gentleman that was released coming from *Leon*; besides, we visited the Beef Farms every day, and the Sugar-works, going in small companies of 20 or 30 Men, and brought away every Man his load: for we found no Horses, which if we had, yet the ways were so wet and dirty, that they would not have been serviceable to us. We stay'd here from the 17th till the 24th day, and then some of our destructive Crew set fire to the Houses: I know not by whose order, but we marched away and left them burning: at the Brest-work we embarked into our Canoas, and returned aboard our Ships.

The 25th day Captain *Davis* and Captain *Swan* broke off Consortships; for Captain *Davis* was minded to return again on the Coast of *Peru*, but Captain *Swan* desired to go farther to the Westward. I had till this time been with Captain *Davis*, but now left him, and went aboard of Captain *Swan*.

An. 1685 Swan. It was not from any dislike to my old Captain, but to get some knowledge of the Northern parts of this Continent of *Mexico*: and I knew that Captain *Swan* determined to coast it as far North as he thought convenient, and then pass over for the *East Indies*; which was a way very agreeable to my inclination. Captain *Townly*, with his two Barks, was resolved to keep us company: but Captain *Knight* and Captain *Harris* followed Captain *Davis*. The 27th day in the morning Captain *Davis* with his Ships went out of the Harbour having a fresh Land Wind. They were in company, Captain *Davis's* Ship with Captain *Harris* in her, Captain *Davis's* Bark and Fireship, and Captain *Knight* in his own Ship; in all 4 Sail. Captain *Swan* took his last farewell of him by firing 15 Guns, and he fired 11 in return of the civility.

We stay'd here some time afterwards to fill our Water, and cut Fire-wood: but our Men, who had been very healthy till now, began to fall down apace in Fevers. Whether it was the badness of the Water, or the unhealthiness of the Town was the cause of it we did not know; but of the two I rather believe it was a Distemper we got at *Rio Lexa*: for it was reported that they had been visited with a Malignant Fever in that Town, which had occasioned many people to abandon it; and although this Visitation was over with them, yet their Houses and Goods might still retain somewhat of the Infection, and communicate the same to us. I rather believe this, because it afterwards raged very much, not only among us, but also among Captain *Davis* and his Men, as he told me himself since, when I met him in *England*: Himself had like to have died, as did several of his and our Men. The 3d day of *September* we turned ashore all our Prisoners and Pilots, they being unacquainted further to the West, which was the Coast that we designed

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signed to visit: for the *Spaniards* have very little Trade by Sea beyond the River *Lempa*, a little to the North West of this place. An. 1685

About 10 a clock in the morning, the same day, we went from hence, steering Westward, being in company 4 Sail, as well as they who left us, viz. Captain *Swan* and his Bark, and Captain *Townly* and his Park, and about 340 Men.

We met with very bad weather as we sailed along this Coast: seldom a day past but we had one or two violent Tornadoes, and with them very frightful Flashes of Lightning and Claps of Thunder; I did never meet with the like before nor since. These Tornadoes commonly came out of the N. E. the Wind did not last long, but blew very fierce for the time. When the Tornadoes were over we had the Wind at W. sometimes at W. S. W. and S. W. and sometimes to the North of the West, as far as the N. W.

We kept at a good distance off shore, and saw no Land till the 14th day; but then, being in lat. 12d. 50m. the Volcan of *Guatimala* appeared in sight. This is a very high Mountain with two peaks or heads, appearing like two Sugar-loaves. It often belches forth Flames of Fire and Smoak from between the two heads, and this, as the *Spaniards* do report, happens chiefly in tempestuous weather. It is called so from the City *Guatimala* which stands near the foot of it, about 8 leagues from the *South Sea*, and by report, 40 or 50 leagues from the Gulf of *Matique* in the Bay of *Honduras*, in the *North Seas*. This City is famous for many rich Commodities that are produced thereabouts (some almost peculiar to this Country) and yearly sent into *Europe*, especially 4 rich Dies, Indico, Otta or Anatta, Silvester, and Cochineel.

Indico is made of an Herb which grows a foot and half or two foot high, full of small branches

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An. 1685 and the branches full of leaves, resembling the leaves which grow on Flax, but more thick and substantial. They cut this Herb or Shrub and cast it into a large Cistern made in the ground for that purpose, which is half full of Water. The Indico Stalk or Herb remains in the Water till all the leaves, and I think, the skin, rind, or bark, rot off, and in a manner dissolve: but if any of the leaves should stick fast, they force them off by much labour, tossing and tumbling the mass in the water, till all the pulpy substance is dissolved. Then the Shrub, or woody part, is taken out, and the Water, which is like Ink, being disturbed no more settles, and the Indico falls to the bottom of the Cistern like Mud. When it is thus settled they draw off the Water, and take the Mud and lay it in the Sun to dry: which there becomes hard as you see it brought home.

Otta, or Anatta, is a red sort of Dye. It is made of a red Flower that grows on Shrubs 7 or 8 foot high. It is thrown into a Cistern of Water as the Indico is, but with this difference, that there is no stalk, nor so much as the head of the Flower, but only the Flower it self pull'd off from the head, as you peel Rose-leaves from the bud. This remains in the Water till it rots, and by much jumbling it dissolves to a liquid substance, like the Indico; and being settled, and the Water drawn off, the red Mud is made up into Rolls or Cakes, and laid in the Sun to dry. I did never see any made but at a place called the *Angels* in *Jamaica*, at *Sir Tho. Muddiford's* Plantations, about 20 years since; but was grubb'd up while I was there, and the ground otherwise employed. I do believe there is none any where else on *Jamaica*: and even this probably was owing to the *Spaniards*, when they had that Island. Indico is common enough in *Jamaica*. I observed they planted it most in sandy ground: they sow
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great Fields of it, and I think they sow it every year; but I did never see the Seeds it bears. Indico is produced all over the *West Indies*, on most of the *Caribbee Islands*, as well as the Main; yet no part of the Main yields such great quantities both of Indico and Otta as this Country about *Guatemala*. I believe that Otta is made now only by the *Spaniards*; for since the destroying that at the *Angels Plantation* in *Jamaica*, I have not heard of any improvement made of this commodity by our Countrymen any where; and as to *Jamaica*, I have since been informed, that 'tis wholly left off there. I know not what quantities either of Indico or Otta are made at *Cuba* or *Hispaniola*: but the place most used by our *Jamaica Sloops* for these things is the Island *Porto-Rico*, where our *Jamaica Traders* did use to buy Indico for 3 Rials, and Otta for 4 Rials the pound; which is but 2 s. 3 d. of our Money: and yet at the same time Otta was worth in *Jamaica* 5 s. the pound, and Indico 3 s. 6 d. the pound; and even this also paid in Goods; by which means alone they got 50 or 60 per Cent. Our Traders had not then found the way of trading with the *Spaniards* in the Bay of *Honduras*; but Captain *Coxon* went thither (as I take it) at the beginning of the year 1679. under pretence to cut Logwood, and went into the Gulf of *Matique*, which is in the bottom of that Bay. There he landed with his Canoes, and took a whole Storehouse full of Indico and Otta in Chests, piled up in several parcels, and marked with different marks, ready to be shipt off aboard two Ships that then lay in the road purposely to take it in; but these Ships could not come at him it being shoal-water. He opened some of the Chests of Indico, and supposing the other Chests to be all of the same species, ordered his Men to carry them away. They immediately set to work, and took the nearest at

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An. 1685 hand; and having carried out one heap of Chests, they seized on another great pile of a different mark from the rest, intending to carry them away next. But a *Spanish Gentleman*, their Prisoner, knowing that there was a great deal more than they could carry away, desired them to take only such as belonged to the Merchants, (whose Marks he undertook to shew them) and to spare such as had the same Mark with those in that great Pile they were then entering upon: because, he said, those Chests belonged to the Ship-Captains, who following the Seas, as themselves did, he hoped they would for that reason rather spare their Goods than the Merchants. They consented to his Request: but upon their opening their Chests (which was not before they came to *Jamaica*, where by connivance they were permitted to sell them) they found that the *Don* had been too sharp for them; the few Chests which they had taken of the same Mark with the great Pile proving to be Otta, of greater value by far than the other; whereas they might as well have loaded the whole Ship with Otta, as with Indico.

The *Cochineel* is an Insect, bred in a sort of Fruit much like the Prickle Pear. The Tree or Shrub that bears it is like the Prickle Pear-tree, about 5 foot high, and so prickly; only the Leaves are not quite so big, but the Fruit is bigger. On the top of the Fruit there grows a red Flower: This Flower, when the Fruit is ripe, falls down on the top of the Fruit, which then begins to open, and covers it so, that no Rain nor Dew can wet the inside. The next day, or 2 days after its falling down, the Flower being then scorched away by the heat of the Sun, the Fruit opens as broad as the mouth of a pint pot, and the inside of the Fruit is by this time full of small red insects, with curious thin wings. As they were bred here, so here they would dye for

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for want of food, and rot in their husks, (having *An. 1685* by this time eaten up their mother Fruit) did not the *Indians*, who plant large fields of these Trees, when once they perceive the Fruit open, take care to drive them out: for they spread under the branches of the Tree a large Linnen cloth, and then with sticks they shake the branches, and so disturb the poor insects, that they take wing to be gone, yet hovering still over the head of their native Tree, but the heat of the Sun so disorders them, that they presently fall down dead on the cloth spread for that purpose, where the *Indians* let them remain 2 or 3 days longer, till they are thoroughly dry. When they fly up they are red, when they fall down they are black; and when first they are quite dry they are white as the sheet wherein they lye, though the colour change a little after. These yield the much esteemed Scarlet. The *Cochineel-trees* are called by the *Spaniards* *Toona's*: They are planted in the Country about *Guatemala*, and about *Cheape* and *Guaxaca*, all 3 in the Kingdom of *Mexico*. The *Silvester* is a red grain growing in a Fruit much resembling the *Cochineel-fruit*; as doth also the Tree that bears it. There first shoots forth a yellow Flower, then comes the Fruit, which is longer than the *Cochineel-fruit*. The Fruit being ripe opens also very wide. The inside being full of these small Seeds or Grains, they fall out with the least touch or shake. The *Indians* that gather them hold a dish under to receive the Seed, and then shake it down. These Trees grow wild; and 8 or 10 of these Fruits will yield an ounce of Seed: but of the *Cochineel-fruits*, 3 or 4 will yield an ounce of insects. The *Silvester* gives a colour almost as fair as the *Cochineel*; and so like it as to be often mistaken for it, but it is not near so valuable. I often made enquiry how the *Silvester* grows, and of the *Cochineel*; but was never fully satisfied, till

An. 1685 I met a Spanish Gentleman that had lived 30 years in the *West Indies*, and some years where these grow; and from him I had these relations. He was a very intelligent person, and pretended to be well acquainted in the Bay of *Campechy*; therefore I examined him in many particulars concerning that Bay, where I was well acquainted my self, living there 3 years. He gave very true and pertinent answers to all my demands, so that I could have no distrust of what he related.

When we first saw the Mountain of *Guatimala*, we were by judgment 25 leagues distance from it. As we came nearer the Land it appeared higher and plainer, yet we saw no fire; but a little smoak proceeding from it. The Land by the Sea was of a good height, yet but low in comparison with that in the Country. The Sea for about 8 or 10 leagues from the shore, was full of floating Trees, or Drift Wood as it is called, (of which I have seen a great deal, but no where so much as here), and Pumice-stones floating, which probably are thrown out of the burning Mountains, and washed down to the shore by the Rains, which are very violent and frequent in this Country; and on the side of *Honduras* it is excessively wet.

The 24th day we were in lat. 14 d. 30 m. North, and the weather more settled. Then Captain *Townly* took with him 106 men in 9 Canoes, and went away to the Westward, where he intended to Land, and romage in the Country for some refreshment for our sick men, we having at this time near half our men sick, and many were dead, since we left *Ria Lexa*. We in the Ships lay still with our Topfails furled, and our Corfes or lower Sails hal'd up this day and the next; that Captain *Townly* might get the start of us.

The 26th day we made sail again, coasting to the Westward, having the Wind at North and fair weather.

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weather. We ran along by a tract of very high Land, *An. 1685* which came from the Eastward, more within Land than we could see, after we fell in with it, it bare us company for about 10 leagues, and ended with a pretty gentle descent towards the West.

There we had a perfect view of a pleasant low Country, which seemed to be rich in Pasturage for Cattle. It was plentifully furnished with groves of green Trees, mixt among the grassy Savannahs: Here the Land was fenced from the Sea with high sandy Hills, for the Waves all along this Coast run high, and beat against the shore very boisterously, making the Land wholly unapproachable in Boats or Canoas: So we Coasted still along by this low Land, 8 or 9 leagues farther, keeping close to the shore for fear of missing Captain *Townly*. We lay by in the night, and in the day made an easie sail.

The 2d day of *October* Captain *Townly* came aboard; he had coasted along shore in his Canoas, seeking for an entrance, but found none. At last, being out of hopes to find any Bay, Creek, or River, into which he might safely enter; he put ashore on a sandy Bay, but overset all his Canoas; he had one man drowned, and several lost their Arms, and some of them that had not waxt up their Cartrage or Catouche Boxes, wet all their Powder. Captain *Townly* with much ado got ashore, and dragged the Canoas up dry on the Bay; then every man searched his Catouche-box, and drew the wet Powder out of his Gun, and provided to march into the Country, but finding it full of great Creeks which they could not ford, they were forced to return again to their Canoas. In the night they made good fires to keep themselves warm; the next morning 200 *Spaniards* and *Indians* fell on them but were immediately repulsed, and made greater speed back than they had done forward.

An. 168; ward. Captain *Townly* followed them, but not far for fear of his Canoas. These men came from *Teguantapeque*, a Town that Captain *Townly* went chiefly to seek, because the *Spanish* Books make mention of a large River there; but whether it was run away at this time, or rather Captain *Townly* and his men were short sighted, I know not; but they could not find it.

Upon his return we presently made sail, coasting still Westward, having the Wind at E. N. E. fair weather and a fresh gale. We kept within 2 mile of the shore, sounding all the way; and found at 6 miles distance from Land 19 fathom; at 8 miles distance 21 fathom, gross Sand. We saw no opening, nor sign of any place to land at, so we sailed about 20 leagues farther, and came to a small high Island called *Tangola*, where there is good anchoring. The Island is indifferently well furnished with Wood and Water, and lieth about a league from the shore. The Main against the Island is pretty high champion Savannah Land by the Sea; but 2 or 3 leagues within land it is higher, and very woody.

We coasted a league farther and came to *Guatulco*. This Port is in lat. 15 d. 30 m. it is one of the best in all this Kingdom of *Mexico*. Near a mile from the mouth of the Harbour, on the East side, there is a little Island close by the shore; and on the West side of the mouth of the Harbour there is a great hollow Rock which by the continual working of the Sea in and out makes a great noise, which may be heard a great way. Every Surge that comes in forceth the Water out of a little hole on its top, as out of a pipe, from whence it flies out just like the blowing of a Whale; to which the *Spaniards* also liken it. They call this Rock and Spout the *Bujadore*: upon what account I know not. Even
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in the calmest seasons the Sea beats in there, making the Water spout out at the hole: so that this is always a good mark to find the Harbour by. The Harbour is about 3 mile deep, and one mile broad; it runs in N. W. But the West side of the Harbour is best to ride in for small Ships; for there you may ride land-locked: whereas any where else you are open to the S. W. Winds, which often blow here. There is good clean ground any where, and good gradual soundings from 16 to 6 fathom; it is bounded with a smooth sandy shore, very good to land at; and at the bottom of the Harbour there is a fine Brook of fresh Water running into the Sea. Here formerly stood a small *Spanish Town*, or Village, which was taken by Sir *Francis Drake*: but now there is nothing remaining of it, beside a little Chappel standing among the Trees, about 200 paces from the Sea. The Land appears in small short ridges parallel to the shore, and to each other; the innermost still gradually higher than that nearer the shore; and they are all cloathed with very high flourishing Trees, that it is extraordinary pleasant and delightful to behold at a distance: I have no where seen any thing like it.

At this place Captain *Swan*, who had been very sick, came ashore, and all the sick Men with him, and the Surgeon to tend them. Captain *Townley* again took a company of Men with him, and went into the Country to seek for Houses or Inhabitants. He marched away to the Eastward, and came to the River *Capalita*: which is a swift River, yet deep near the mouth, and is about a league from *Guatulco*. There 2 of his Men swam over the River, and took 3 *Indians* that were placed there, as Centinels, to watch for our coming. These could none of them speak *Spanish*; yet our Men by signs made them understand, that they desired to know if there was any Town or Village near; who by the signs

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An. 1685 which they made gave our Men to understand, that they could guide them to a Settlement: but there was no understanding by them, whether it was a Spanish or Indian Settlement; nor how far it was thither. They brought these *Indians* aboard with them, and the next day, which was the 6th day of October, Captain Townly with 140 Men (of whom I was one) went ashore again, taking one of these *Indians* with us for a Guide to conduct us to this Settlement. Our Men that stay'd aboard fill'd our Water, and cut Wood, and mended our Sails: and our *Moskito* Men struck 3 or 4 Turtle every day. They were a small sort of Turtle, and not very sweet, yet very well esteemed by us all, because we had eaten no flesh a great while. The 8th day we returned out of the Country, having been about 14 miles directly within land before we came to any Settlement. There we found a small *Indian* Village, and in it a great quantity of *Vinello's* drying in the Sun.

The *Vinello* is a little Cod full of small black seeds; it is 4 or 5 inches long, about the bigness of the stem of a Tobacco leaf, and when dried much resembling it: so that our Privateers at first have often thrown them away when they took any, wondering why the *Spaniards* should lay up Tobacco stems. This Cod grows on a small Vine, which climbs about and supports it self by the neighbouring Trees: it first bears a yellow Flower, from whence the Cod afterwards proceeds. It is first green, but when ripe it turns yellow; then the *Indians* (whose Manufacture it is; and who sell it cheap to the *Spaniards*) gather it, and lay it in the Sun, which makes it soft; then it changes to a Chestnut-colour. Then they frequently press it between their fingers, which makes it flat. If the *Indians* do any thing to them beside, I know not; but I have seen the *Spaniards* sleek them with Oyl.

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These Vines grow plentifully at *Bocca-toro*, where Ann. 1685
 I have gathered and tried to cure them, but could not: which makes me think that the *Indians* have some secret that I know not of to cure them. I have often ask'd the *Spaniards* how they were cured, but I never could meet with any could tell me. One Mr. Cree also, a very curious person, who spake *Spanish* well, and had been a Privateer all his Life, and 7 years a Prisoner among the *Spaniards* at *Portobello* and *Cartagena*, yet upon all his enquiry could not find any of them that understood it. Could we have learnt the Art of it, several of us would have gone to *Bocca-toro* yearly, at the dry season and cured them, and freighted our Vessel. We there might have had Turtle enough for food, and store of *Vinello's*. Mr. Cree first shewed me those at *Bocca-toro*. At, or near a Town also, called *Cai-booca*, in the Bay of *Campeachy*, these Cods are found. They are commoly sold for 3 pence 1 Cod among the *Spaniards* in the *West-Indies*, and are sold by the Druggist, for they are much used among *Chocolate* to perfume it. Some will use them among *Tobacco*, for it gives a delicate scent. I never heard of any *Vinello's* but here in this Country, about *Cai-booca*, and at *Bocca-toro*.

The *Indians* of this Village could speak but little *Spanish*. They seem'd to be a poor innocent people: and by them we understood, that here are very few *Spaniards* in these parts; yet all the *Indians* hereabout are under them. The Land from the Sea to their Houses is black Earth, mixt with some Stones and Rocks; all the way full of very high Trees.

The 10th day we sent 4 Canoas to the Westward, who were ordered to lye for us at Port *Angels*; where we were in hopes that by some means or other they might get Prisoners, that might give us a better account of the Country than
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An. 1685 at present we could have; and we followed them with our Ships: all our Men being now pretty well recovered of the Fever which had raged amongst us ever since we departed from *Ria Lexa.*

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C H A P. IX.

They set out from Guatulco. The Isle Sacrificio. Port Angels. Jaccals. A narrow Escape. The Rock Alcatraz, and the neighbouring Coast. Snooks, a sort of Fish. The Town of Acapulco. Of the Trade it drives with the Philippine Islands. The Haven of Acapulco. A Tornado. Port Marquis. Capt. Townly makes a fruitless Attempt. A long sandy Bay, but very rough Seas. The Palm. tree great and small. The Hill Petaplan. A poor Indian Village. Jew fish. Chequetan, a good Harbour. Estapa; Muscles there. A Caravan of Mules taken. A Hill near Thelupan. The Coast hereabouts. The Volcan, Town, Valley, and Bay of Colima. Sallagua Port. Oarrha. Ragged Hills. Coronada, or the Crown-Land. Cape Corrientes. Isles of Chametly. The City Purification. Valderas, or the Valley of Flags. They miss their design on this Coast. Captain Townly leaves them with the Darien Indians. The Point and Isles of Pontique. Other Isles of Chametly. The Penguin-fruit, the yellow and the red. Seals here. Of the River of Cullacan, and the Trade of a Town there with California. Maslaclan. River and Town of Rosario. Caput Cavalli, and another Hill. The difficulty of Intelligence on this Coast. The River of Oleta. River of St. Jago. Maxentelba Rock, and Zelisco Hill. Sancta Pecaque

The Isle Sacrificio.

Pechaque Town in the River of St. Jago. Of Compostella. Many of them cut off at Sancta Pecaque. Of California; whether an Island or not: and of the North West and North East Passage. A Method proposed for Discovery of the North West and North East Passages. Isle of Santa Maria. A prickly Plant. Captain Swan proposes a Voyage to the East Indies. Valley of Balderas again, and Cap Corrientes. The reason of their ill Success on the Mexican Coast, and Departure thence for the East Indies.

IT was the 12th of October 1685, when we set out of the Harbour of *Guatulco* with our Ships. The Land here lies along West, and a little Southwardly for about 20 or 30 leagues, and the Sea Winds are commonly at W. S. W. sometimes at S. W. the Land Winds at N. We had now fair weather, and but little Wind. We coasted along to the Westward, keeping as near the shore as we could for the benefit of the Land Winds, for the Sea Winds were right against us; and we found a current setting to the Eastward which kept us back, and obliged us to anchor at the *Isle Sacrificio*, which is a small green Island about half a mile long. It lieth about a league to the West of *Guatulco*, and about half a mile from the Main. There seems to be a fine Bay to the West of the Island; but it is full of Rocks. The best riding is between the Island and the Main: there you will have 5 or 6 fathom Water. Here runs a pretty strong tide; the Sea riseth and falleth 5 or 6 foot up and down.

The 18th day we sailed from hence, coasting to the Westward after our Canoes. We kept near the shore, which was all sandy Bays; the Country

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pretty high and woody, and a great Sea tumbling
in upon the shore The 22d day 2 of our Canoas
came aboard, and told us they had been a great
way to the Westward, but could not find Port An-
gels. They had attempted to land the day before,
at a place where they saw a great many Bulls and
Cows feeding, in hopes to get some of them; but
the Sea run so high, that they over-set both Ca-
noas, and wet all their Arms, and lost 4 Guns, and
had one Man drown'd, and with much ado got off
again. They could give no account of the other
2 Canoas, for they lost company the first night that
they went from *Guatulco*, and had not seen them
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We were now abreast of *Port Angels*, though our
men in the Canoas did not know it; therefore we
went in and anchored there. This is a broad open
Bay, with 2 or 3 Rocks at the West side. Here is
good anchoring all over the Bay, in 30 or 20 or 12
fathom Water; but you must ride open to all
Winds, except the Land Winds, till you come into
12 or 13 fathom Water; then you are sheltered
from the W. S. W. which are the common Trade
Winds. The Tide riseth here about 5 foot; the
Flood sets to the N. E. and the Ebb to the S. W.
The landing in this Bay is bad; the place of land-
ing is close by the West side, behind a few Rocks;
here always goes a great swell. The *Spaniards* com-
pare this Harbour for goodness to *Guatulco*, but
there is a great difference between them. For
Guatulco is almost Landlocked, and this is an open
road, and no one would easily know it by their Cha-
racter of it, but by its marks, and its latitude, which
is 15 d. North. For this reason our Canoas, which
were sent from *Guatulco* and ordered to tarry here
for us did not know it; (not thinking this to be
that fine Harbour) and therefore went farther; 2
of them as I said before returned again, but the
other

An. 1685 other 2 were not yet come to us. The Land that bounds this Harbour is pretty high, the Earth sandy and yellow, in some places red; it is partly Wood-land, partly Savannahs. The Trees in the Woods are large and tall, and the Savannahs are plentifully stored with very kindly Grass. Two leagues to the East of this place is a Beef Farm, belonging to *Don Diego de la Rosa*.

The 23 day we landed about 100 men and marched thither, where we found plenty of fat Bulls and Cows, feeding in the Savannahs, and in the House good store of Salt and Maiz, and some Hogs, and Cocks and Hens: but the owners or overseers were gone. We lay here 2 or 3 days feasting on fresh provision, but could not contrive to carry any quantity aboard, because the way was so long, and our men but weak, and a great wide River to ford. Therefore we return'd again from thence the 26th day, and brought every one a little Beef or Pork for the men that stay'd aboard. The two nights that we stay'd ashore at this place we heard great droves of Jaccals, as we suppos'd them to be, barking all night long, not far from us. None of us saw these; but I do verily believe they were Jaccals; tho I did never see those Creatures in *America*, nor hear any but at this time. We could not think that there were less than 30 or 40 in a company. We got aboard in the evening; but did not yet hear any news of our two Canoas.

The 27th day in the morning we sailed from hence, with the Land Wind at N. by W.: The Sea Wind came about noon at W. S. W. and in the evening we anchored in 16 fathom water, by a small rocky Island, which lieth about half a mile from the Main, and 6 leagues Westward from *Port Angels*. The *Spaniards* give no account of this Island in their Pilot-book. The 28th day we sailed again with the Land Wind; in the afternoon the Sea
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breez blew hard, and we sprung our Main Topmast. This Coast is full of small Hills and Valleys, and a great Sea falls in upon the shore. In the night we met with the other 2 of our Canoes that went from us at *Guatulco*. They had been as far as *Acapulco* to seek *Port Angells*. Coming back from thence they went into a River to get Water, and were encounterd by 150 *Spaniards*, yet they fill'd their Water in spite of them, but had one man shot through the Thigh. Afterward they went into a Lagune, or Lake of Salt-water, where they found much dried Fish, and brought some aboard. We being now abreast of that place, sent in a Canoa mann'd with 12 men for more Fish: The mouth of this Lagune is not Pistol-shot wide, and on both sides are pretty high Rocks, so conveniently placed by nature, that many men may abscond behind; and within the Rock the Lagune opens wide on both sides. The *Spaniards* being allarm'd by our 2 Canoes that had been there 2 or 3 days before, came armed to this place to secure their Fish; and seeing our Canoa coming, they lay snug behind the Rocks, and suffered the Canoa to pass in; then they fired their Volley, and wounded 5 of our men. Our people were a little surprized at this sudden adventure, yet fired their Guns, and rowed farther into the Lagune, for they durst not adventure to come out again through the narrow entrance, which was near a quarter of a mile in length. Therefore they rowed into the middle of the Lagune, where they lay out of Gun-shot, and looked about to see if there was not another passage to get out at, broader than that by which they entered, but could see none. So they lay still 2 days and 3 nights, in hopes that we should come to seek them; but we lay off at Sea, about 3 leagues distant, waiting for their return, supposing by their long absence that they had made some greater discovery, and were

An. 1685 gone farther than the Fish-range; because it is usual with Privateers when they enter upon such designs, to search farther than they proposed, if they meet any encouragement. But Captain *Townly* and his Bark being nearer the shore, heard some Guns fired in the Lagune. So he mann'd his Canoa, and went towards the shore, and beating the *Spaniards* away from the Rocks, made a free passage for our men to come out of their pound, where else they must have been starved or knocked on the head by the *Spaniards*. They came aboard their Ships again the 31st of *October*. This Lagune is about the lat. of 16 d. 40 m. North.

From hence we made sail again, coasting to the Westward, having fair weather and a Current setting to the West. The second day of *November* we pass by a Rock, called by the *Spaniards* the *Algatross*. The Land hereabout is of an indifferent height, and woody, and more within the Country Mountainous. Here are 7 or 8 white cliffs by the Sea, which are very remarkable, because there are none so white and so thick together on all the Coast. They are 5 or 6 mile to the West of the *Algatross* Rock. There is a dangerous shoal lieth S. by W. from these Cliffs, 4 or 5 mile off at Sea. Two leagues to the West of these Cliffs there is a pretty large River, which forms a small Island at its mouth. The Channel on the East side is but shoal and sandy, but the West Channel is deep enough for Canoas to enter. On the Banks of this Channel the *Spaniards* have made a Brestwork, to hinder an Enemy from landing, or filling Water.

The 3^d day we anchored abreast of this River, in 14 fathom Water, about a mile and a half off shore. The next morning we mann'd our Canoas, and went ashore to the Brestwork with little resistance, although there were about 200 men to keep us off. They fired about 20 or 30 Guns at us, but seeing

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we were resolv'd to land, they quitted the place; one chief reason why the *Spaniards* are so frequently routed by us, although many times much our superiors in numbers, and in many places fortified with Brestworks is, their want of small Fire-arms, for they have but few on all the Sea Coasts, unless near their larger Garrisons. Here we found a great deal of Salt, brought hither as I judge for to salt Fish, which they take in the Lagunes. The Fish I observed here mostly, were what we call Snooks, neither a Sea-fish nor fresh Water-fish, but very numerous in these salt Lakes. This Fish is about a foot long, and round, and as thick as the small of a mans Leg, with a pretty long head: It hath Scales of a whitish colour, and is good meat. How the *Spaniards* take them I know not: for we never found any Nets, Hooks, or Lines, neither yet any Bark, Boat, or Canoa, among them on all this Coast; except the Ship I shall mention at *Acapulco*.

We marched 2 or 3 leagues into the Country, and met with but one House, where we took a *Mulatto* Prisoner, who inform'd us of a Ship that was lately arriv'd at *Acapulco*; she came from *Lima*. Captain *Townly* wanting a good Ship thought now he had an opportunity of getting one, if he could persuade his men to venture with him, into the Harbour of *Acapulco*, and fetch this *Lima* Ship out. Therefore he immediately propos'd it, and found not only all his own men willing to assist him, but many of Captain *Swan's* men also. Captain *Swan* oppos'd it, because Provision being scarce with us, he thought our time might be much better employ'd in first providing our selves with food, and here was plenty of Maiz in the River where we now were, as we were inform'd by the same Prisoner; who offer'd to conduct us to the place where it was. But neither the present necessity, nor

An. 1685 Captain *Swan's* perswasion availed any thing, nor yet their own interest; for the great design we had then in hand, was to lye and wait for a rich Ship which comes to *Acapulco* every year richly laden from the *Philippine* Islands. But it was necessary we should be well stored with Provisions, to enable us to cruize about, and wait the time of her coming. However *Townley's* Party prevailing, we only fill'd our Water here, and made ready to be gone. So the 5th day in the afternoon we sailed again, coasting to the westward, towards *Acapulco*. The 7th day in the afternoon, being about 12 leagues from the shore, we saw the high Land of *Acapulco*, which is very remarkable: for there is a round Hill standing between other 2 Hills; the westernmost of which is the biggest and highest, and hath two Hillocks like two paps on its top: the easternmost Hill is higher and sharper than the middlemost. From the middle Hill the Land declines toward the Sea, ending in a high round point. There is no Land shaped like this on all the Coast. In the evening Captain *Townly* went away from the Ships with 140 men in 12 Canoes, to try to get the *Lima* Ship out of *Acapulco* Harbour.

Acapulco is a pretty large Town 17 degrees North of the Equator. It is the Sea-port for the City of *Mexico*, on the West side of the Continent; as *La Vera-Cruz*, or *St. John d Ulloa* in the Bay of *Nova Hispania*, is on the North side. This Town is the only place of Trade on all this Coast; for there is little or no Traffick by Sea on all the N. W. part of this vast Kingdom, here being as I have said neither Boats, Barks nor Ships, (that I could ever see) unless only what come hither from other parts, and some Boats near the S. E. end of *California*; as I guess by the intercourse between that and the Main, for Pearl-fishing.

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The Ships that Trade hither are only 3, two *An. 1685* that constantly go once a year between this and *Manila* in *Luconia*; one of the *Phillipine* Islands, and one Ship more every year to and from *Lima*. This from *Lima* commonly arrives a little before *Christmas*; she brings them Quick-silver, Cacao, and pieces of Eight. Here she stays till the *Manila* Ship arrives, and then takes in a Cargo of Spices, Silks, Callicoes, and Muzlins, and other *East India* Commodities for the use of *Peru*, and then returns to *Lima*. This is but a small Vessel of 20 Guns, but the 2 *Manila* Ships are each said to be above 1000 Tun. These make their Voyages alternately, so that one or other of them is always at the *Manillas*. When either of them sets out from *Acapulco*, it is at the latter end of *March*, or the beginning of *April*; she alwas touches to refresh at *Guam*, one of the *Ladron* Islands, in about 60 days space after she sets out. There she stays but 2 or 3 days, and then prosecutes her Voyage to *Manila*, where she commonly arrives some time in *June*. By that time the other is ready to sail from thence, laden with *East India* Commodities. She stretcheth away to the North as far as 36, or sometimes into 40 degrees of North lat. before she gets a wind to stand over to the *American* shore. She falls in first with the Coast of *California*, and then Coasts along the shore to the South again, and never misses of a wind to bring her away from thence quite to *Acapulco*. When she gets the length of *Cape St. Lucas*, which is the Southermost point of *California*, she stretcheth over to *Cape Corrientes*, which is in about the 20th degree of North lat. from thence she Coasts along till she comes to *Salagua*, and there she sets ashore Passengers, that are bound to the City of *Mexico*: From thence she makes her best way, coasting still along shore, till she arrives at *Acapulco*, which is commonly about

An. 1685 *Christmas*, never more than 8 or 10 days before or after. Upon the return of this Ship to the *Manila*, the other which stayeth there till her arrival, takes her turn back to *Acapulco*. Sir *John Narborough* therefore was imposed on by the *Spaniards*, who told him that there were 6 sail or more that used this Trade.

The Port of *Acapulco* is very commodious for the reception of Ships, and so large, that some hundreds may safely ride there without damnifying each other. There is a small low Island crossing the mouth of the Harbour; it is about a mile and a half long, and half a mile broad, stretching East and West. It leaves a good wide deep Channel at each end, where Ships may safely go in or come out, taking the advantage of the Winds; they must enter with the Sea-wind, and go out with the Land-wind, for these Winds seldom or never fail to succeed each other alternately in their proper seasons of the day or night. The Westermost Channel is the narrowest, but so deep there is no anchoring, and the *Manila* Ships pass in that way, but the Ships from *Lima* enters on the S. W. Channel. This Harbour runs in North about 3 miles, then growing very narrow, it turns short about to the West, and runs about a mile farther where it ends. The Town stands on the N. W. side, at the mouth of this narrow passage, close by the Sea, and at the end of the Town there is a Platform with a great many Guns. Opposite to the Town on the East side stands a high strong Castle, said to have 40 Guns of a very great bore. Ships commonly ride near the bottom of the Harbour, under the Command both of the Castle and the Platform.

Captain *Townly*, who, as I said before, with 140 men, left our Ships on a design to fetch the *Lima* Ship out of the Harbour, had not rowed above 3 or 4 leagues before the Voyage was like to end with

with all the countere which had but they got safe in good Harbour. Helves, the and the n co Harbour they had they had close to the and found and the When they the danger ble to acco back again. Ports, and mong a co ards having along the but did the farther from mouth of the of the Tow again, being disappointn The 11th the Westwa monly at N passed by a the way alo shore, that i or Canoa: y choring a n by the Sea

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with all their Lives; for on a sudden they were encountered with a violent Tornado from the shore, which had like to have foundered all the Canoes: but they escaped that danger, and the second night got safe into *Port Marquis*. *Port Marquis* is a very good Harbour, a league to the East of *Acapulco* Harbour. Here they staid all the next day to dry themselves, their Cloaths, their Arms and Ammunition, and the next night they rowed softly into *Acapulco* Harbour: and because they would not be heard, they hal'd in their Oars, and paddled as softly as if they had been seeking Manatee. They paddled close to the Castle; then struck over to the Town, and found the Ship riding between the Breastwork and the Fort, within about 100 yards of each. When they had well viewed her, and considered the danger of the design, they thought it not possible to accomplish it: therefore they paddled softly back again, till they were out of command of the Ports, and then they went to land, and fell in among a company of *Spanish* Soldiers (for the *Spaniards* having seen them the day before had set Guards along the Coast) who immediately fired at them, but did them no damage, only made them retire farther from the shore. They lay afterwards at the mouth of the Harbour till it was day to take a view of the Town and Castle, and then returned aboard again, being tired, hungry, and sorry for their disappointment.

The 11th day we made sail again further on to the Westward, with the Land-wind, which is commonly at N. E. but the Sea Winds are at S. W. We passed by a long sandy Bay of above 20 leagues. All the way along it the Sea falls with such force on the shore, that it is impossible to come near it with Boat or Canoa: yet it is good clean ground, and good anchoring a mile or two from the shore. The Land by the Sea is low, and indifferent fertile, produ-

An. 1685 cing many sorts of Trees, especially the spreading Palm, which grows in spots from one end of the Bay to the other.

The Palm-tree is as big as an ordinary Ash, growing about 20 or 30 foot high. The body is clear from boughs or branches, till just at the head; there it spreads forth many large green branches, not much unlike the Cabbage-tree before described. These branches also grow in many places, (as in *Jamaica, Darien, the Bay of Campeachy, &c.*) from a stump not above a foot or two high; which is not the remains of a Tree cut down; for none of these sort of Trees will ever grow again when they have once lost their head: but these are a sort of Dwarf-palm, and the branches which grow from the stump, are not so large as those that grow on the great Tree. These smaller branches are used both in the *East and West Indies* for thatching Houses: they are very lasting and serviceable, much surpassing the Palmeto. For this Thatch, if well laid on, will endure 5 or 6 years; and this is called by the *Spaniards* the *Palmeto Royal*. The *English* at *Jamaica* give it the same Name. Whether this be the same which they in *Guinea* get the Palm-wine from I know not; but I know that it is like this.

The Land in the Country is full of small peaked barren Hills, making as many little Valleys, which appear flourishing and green. At the West end of this Bay is the Hill of *Petaplan*, in lat. 17 d. 30 m. N. This is a round point stretching out into the Sea: at a distance it seems to be an Island. A little to the West of this Hill are several round Rocks, which we left without us, steering in between them and the round point, where we had 11 fathom water. We came to an anchor on the N. W. side of the Hill, and went ashore, about 170 Men of us, and marched into the Country 12 or 14 miles,

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miles. There we came to a poor *Indian Village* *An. 1685* that did not afford us a Meal of Victuals. The people all fled, only a *Mulatto* woman, and 3 or 4 small Children, who were taken and brought aboard. She told us that a Carrier, (one who drives a Caravan of Mules) was going to *Acapulco* laden with Flower and other Goods, but stopt in the Road for fear of us, a little to the West of this Village, (for he had heard of our being on this Coast) and she thought he still remained there: and therefore it was we kept the Woman to be our Guide to carry us to that place. At this place where we now lay our *Moskito-men* struck some small Turtle, and many small *Jew-fish*.

The *Jew-fish* is a very good Fish, and I judge so called by the *English* because it hath Scales and Fins, therefore a clean Fish according to the *Levitical Law*, and the *Jews* at *Jamaica* buy them, and eat them very freely. It is a very large Fish, shaped much like a Cod, but a great deal bigger; one will weigh 3, or 4, or 5 hundred weight. It hath a large head, with great Fins and Scales, as big as an Half-Crown, answerable to the bigness of his body. It is very sweet Meat, and commonly fat. This Fish lives among Rocks; there are plenty of them in the *West Indies*, about *Jamaica*, and the Coast of *Caraccos*; but chiefly in these Seas, especially more Westward.

We went from hence with our Ships the 18th day, and steered West about 2 leagues farther, to a place called *Chequetan*. A mile and half from the shore there is a small Key, and within it is a very good Harbour where Ships may careen; there is also a small River of fresh water, and wood enough.

The 14th day in the morning we went with 95 Men in 6 Canoes to seek for the Carrier, taking the *Mulatto* woman for our Guide; but Captain *Townly* would not go with us. Before day we land-

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1685 ed at a place called *Estapa*, a league to the West of *Chequetan*. The woman was well acquainted here, having been often at this place for Mufcles, as she told us, for here are great plenty of them: they seem in all respects like our *English* Mufcles. She carry'd us through the pathless Wood by the side of a River, for about a league: then we came into a Savannah full of Bulls and Cows; and here the Carrier before mentioned was lying at the Estan-tion-house with his Mules, not having dared to advance all this while, as not knowing where we lay: so his own fear made him, his Mules, and all his Goods, become a Prey to us. He had 40 packs of Flower, some Chocolate, a great many small Checques, and abundance of Earthen Ware. The eatables we brought away, but the Earthen Vessels we had no occasion for, and therefore left them. The Mules were about 60: we brought our Prize with them to the shore, and so turn'd them away. Here we also kill'd some Cows, and brought with us to our Canoas. In the afternoon our Ships came to an anchor half a mile from the place where we landed, and then we went aboard. Captain *Townly* seeing our good success went ashore with his Men to kill some Cows; for here were no Inhabitants near to oppose us. The Land is very woody, of a good fertile soil, watered with many small Rivers: yet it hath but few Inhabitants near the Sea. Captain *Townly* killed 18 Beefs, and after he came aboard, our Men, contrary to Captain *Swan's* inclination, gave Captain *Townly* part of the Flower which we took ashore. Afterwards we gave the Woman some Cloaths for her and her Children, and put her and two of them ashore; but one of them, a very pretty Boy, about 7 or 8 years old, Captain *Swan* kept. The Woman cried, and begg'd hard to have him; but Captain *Swan* would not, but promis'd to make much of him, and was as

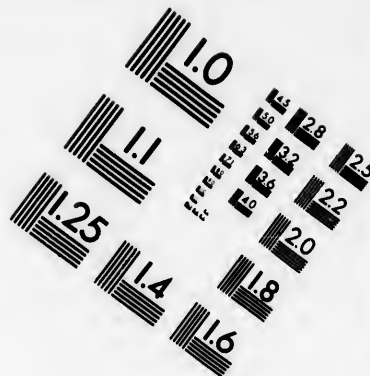
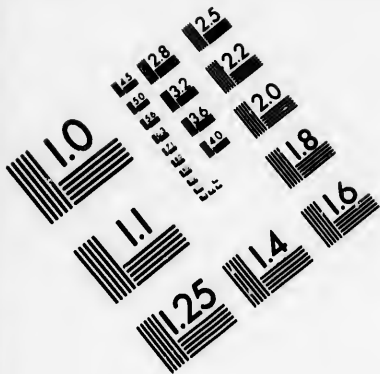
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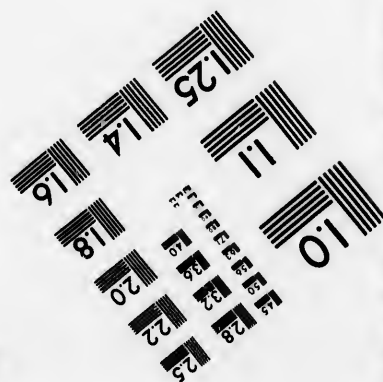
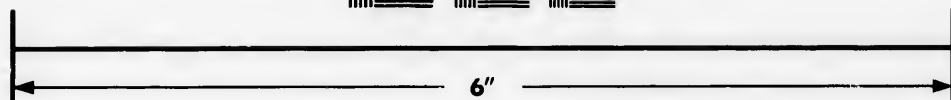
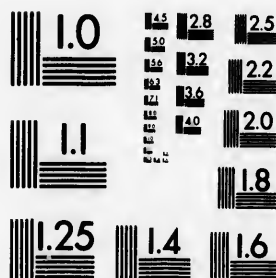
good as his word. He proved afterwards a very fine Boy for Wit, Courage, and Dexterity; I have often wonder'd at his Expressions and Actions. *An. 1685*

The 21st day in the evening we sailed hence with the Land-wind. The Land-winds on this part of the Coast are at N. and the Sea-winds at W. S. W. We had fair weather, and coasted along to the Westward. The Land is high, and full of ragged Hills; and West from these ragged Hills the Land makes many pleasant and fruitful Valleys among the Mountains. The 25th day we were abreast of a very remarkable Hill, which towering above the rest of its fellows, is divided in the top, and makes two small parts. It is in lat. 18 d. 8 m. North. The Spaniards make mention of a Town called *Thelupan* near this Hill, which we would have visited if we could have found the way to it. The 26th day Captain *Swan* and Captain *Townly*, with 200 Men, of whom I was one, went in our Canoas to seek for the City of *Colima*, a rich place by report, but how far within Land I could never learn: for as I said before, here is no Trade by Sea, and therefore we could never get Guides to inform us or conduct us to any Town, but one or two, on this Coast: and there is never a Town that lieth open to the Sea but *Acapulco*; and therefore our search was commonly fruitless, as now: for, we rowed above 20 leagues along shore, and found it a very bad Coast to land: we saw no House, nor sign of Inhabitants, although we past by a fine Valley, called the Valley of *Maguella*: only at two places, the one at our first setting out on this Expedition, and the other at the end of it, we saw a Horseman set, as we supposed, as a Centinel, to watch us. At both places we landed with difficulty, and at each place we followed the track of the Horse on the sandy Bay; but where they entered the Woods we lost the track, and although we diligently searcht for





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for it, yet we could find it no more, so we were perfectly at a loss to find out the Houses or Town they came from. The 28th day, being tired and hopeless to find any Town, we went aboard our Ships, that were now come abreast of the place where we were: for always when we leave our Ships, we either order a certain place of meeting, or else leave them a sign to know where we are by making one or more great Smoaks: yet we had all like to have been ruin'd by such a signal as this in a former Voyage under Captain *Sharp*, when we made that unfortunate attempt upon *Arica*, which is mentioned in the *History of the Buccaneers*. For upon the routing our Men, and taking several of them, some of those so taken told the *Spaniards*, that it was agreed between them and their Companions on board to make two great Smokes at a distance from each other, as soon as the Town should be taken, as a signal to the Ship, that it might safely enter the Harbour. The *Spaniards* made these Smokes presently: I was then among those who stay'd on board: and whether the signal was not so exactly made, or some other discouragement happen'd, I remember not: but we forbore going in, till we saw our scatter'd Crew coming off in their Canoas. Had we entred the Port upon the false signal we must have been taken or sunk; for we must have past close by the Fort, and could have had no Wind to bring us out, till the Land-wind should rise in the night.

But to our present Voyage: After we came aboard we saw the Volcan of *Colima*. This is a very high Mountain, in about 18 d. 36 m. North, standing 5 or 6 leagues from the Sea, in the midst of a pleasant Valley. It appears with 2 sharp peeks, from each of which there do always issue flames of fire or smoke. The Valley in which this Volcan stands is called the *Valley of Colima*, from the Town
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itself which stands there not far from the Volcan. The Town is said to be great and rich, the chief of all its Neighborhood: and the Valley in which it is seated, by the relation which the *Spaniards* give of it, is the most pleasant and fruitful Valley in all the Kingdom of *Mexico*. This Valley is about 10 or 12 leagues wide by the Sea, where it makes a small Bay: but how far the Vale runs into the Country I know not. It is said to be full of Cacao gardens, fields of Corn, Wheat, and Plantain-walks. The neighbouring Sea is bounded with a sandy shore; but there is no going ashore for the violence of the waves. The Land within it is low all along, and Woody for about 2 leagues from the East side; at the end of the Woods there is a deep River runs out into the Sea: but it hath such a great Bar, or Sandy shole, that when we were here no Boat or Canoa could possibly enter, the Sea running so high upon the Bar: otherwise, I judge, we should have made some farther discovery into this pleasant Valley. On the West side of the River the Savannah land begins, and runs to the other side of the Valley. We had but little wind when we came aboard; therefore we lay off this Bay that afternoon and the night ensuing.

The 29th day our Captains went away from our Ships with 200 men, intending at the first convenient place to land and search about for a path: for the *Spanish* Books make mention of 2 or 3 other Towns hereabouts, especially one called *Sallagua*, to the West of this Bay. Our Canoas rowed along as near the shore as they could; but the Sea went so high that they could not land. About 10 or 11 a clock 2 Horsemen came near the shore, and one of them took a Bottle out of his pocket, and drank to our men: While he was drinking, one of our men snatched up his Gun, and let drive at him, and kill'd his Horse: so his consort immediately set Spurs to his

An. 1685 his Horfe and rode away, leaving the other to come after afoot. But he being Booted made but a slow haste; therefore 2 of our men stript themselves, and swam ashore to take him: but he had a Macheat, or long Knife, wherewith he kept them both from seizing him, they having nothing in their hands wherewith to defend themselves, or offend him. The 30th day our men came all aboard again; for they could not find any place to land in.

The first day of *December* we passed by the Port of *Sallagua*. This Port is in lat. 18 d. 52 m. It is only a pretty deep Bay, divided in the middle with a rocky point, which makes, as it were, two Harbours. Ships may ride securely in either, but the West Harbour is the best: there is good anchoring any where in 10 or 12 fathom, and a Brook of fresh Water runs into the Sea. Here we saw a great new thatched House, and a great many *Spaniards* both on Horfe and Foot, with Drums beating, and Colours flying, in defiance of us as we thought. We took no notice of them till the next morning, and then we landed about 200 Men to try their Courage: but they presently withdrew. The Foot never stay'd to exchange one shot, but the Horsemen stay'd till 2 or 3 were knocked down, and then they drew off; our Men pursuing them: At last one of our Men took 2 Horfes that had lost their Riders, and mounting them, rode after the *Spaniards* full drive till they came among them, thinking to have taken a Prisoner for Intelligence, but had like to have been taken themselves: for 4 *Spaniards* surrounded them, after they had discharged their Pistols, and unhorsed them; and if some of our best Footmen had not come to their rescue, they must have yielded, or have been killed. They were brought cut in 2 or 3 places, but their wounds were not mortal. The 4 *Spaniards* got away before our Men

could hurt them, and mounting their Horses speed-
 ed after their Consorts, who were marched away
 into the Country. Our Men finding a broad Road
 leading into the Country, followed it about 4
 leagues in a dry stony Country, full of short
 Woods: but finding no sign of Inhabitants they
 returned again. In their way back they took two
Mulatto's, who were not able to march as fast as
 their Consorts; therefore they had skulked in the
 Woods, and by that means thought to have escaped
 our Men. These Prisoners informed us, that this
 great Road did lead to a great City called *Oarrha*,
 from whence many of those Horsemen before
 spoken of came: that this City was distant from
 hence as far as a Horse will go in 4 days; and that
 there is no place of consequence nearer: that the
 Country is very poor, and thinly inhabited. They
 said also, that these Men came to assist the *Phillippine*
 Ship, that was every day expected here, to put
 ashore Passengers for *Mexico*. The *Spanish* Pilot-
 Books mention a Town also called *Sallagua* here-
 abouts: but we could not find it, nor hear any thing
 of it by our Prisoners.

We now intended to cruize off of Cape *Corrien-*
tes to wait for the *Phillippine* Ship. So the 6th day
 of *December* we set sail, coasting to the Westwards,
 towards Cape *Corrientes*. We had fair weather, and
 but little Wind: the Sea breezes at N.W. and the
 Land-wind at N. The Land is of an indifferent
 height, full of ragged points, which at a distance
 appear like Islands: the Country is very woody, but
 the Trees are not high, nor very big.

Here I was taken sick of a Fever and Ague that
 afterwards turned to a Dropsy, which I laboured
 under a long time after: and many of our Men died
 of this distemper, though our Surgeons used their
 greatest skill to preserve their lives. The Dropsy is
 a general distemper on this Coast, and the Natives
 say;

An. 1685 say, that the best remedy they can find for it is the Stone or Cod of an Allegator (of which they have 4, one near each Leg, within the Flesh) pulverized and drunk in Water: this Receipt we also found mentioned in an Almanack made at *Mexico*: we would have tried it, but we found no Allegator here, though there are several.

There are many good Harbours between *Salle* *gua* and *Cape Corrientes*: but we passed by them all. As we drew near the Cape, the Land by the Sea appeared of an indifferent height, full of white Cliffs; but in the Country the Land is high and barren, and full of sharp peaked Hills, unpleasant to the sight. To the West of this ragged Land is a chain of Mountains running parallel with the shore: they end on the West with a gentle descent, but on the East side they keep their height, ending with a high steep Mountain, which hath 3 small sharp peaked tops, somewhat resembling a Crown; and therefore called by the *Spaniards*, *Coronada*, the *Crown Land*.

The 11th day we were fair in sight of *Cape Corrientes*, it bore N. by W. and the *Crown Land* bore North. The Cape is of an indifferent height, with steep Rocks to the Sea. It is flat and even on the top, cloathed with Woods: the Land in the Country is high and doubled. This Cape lieth in 20 d. 28 m. North. I find its longitude from *Tenariff* to be 230 d. 56 m. but I keep my longitude Westward, according to our course, and according to this reckoning, I find it is from the *Lizard* in *England* 121 d. 41 m. so that the difference of time is 8 hours, and almost 6 minutes.

Here we had resolved to cruize for the *Phillippine* Ship, because she always makes this Cape in her Voyage homeward. We were (as I have said) 3 Ships in company; Captain *Swan*, and his Tender; Captain *Townly*, and his Tender. It was ordered

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ordered, that Captain *Swan* should lye 8 or 10 leagues off shore, and the rest about a league distant each from other, between him and the Cape; that so we might not miss the *Philippine* Ship: but we wanted Provision; and therefore we sent Captain *Townly's* Bark, with 50 or 60 men to the West of the Cape, to search about for some Town or Plantations, where we might get Provision of any sort. The rest of us in the mean time cruizing in our stations. The 17th day the Bark came to us again, but had got nothing, for they could not get about the Cape, because the wind on this Coast is commonly between the N. W. and the S. W. which makes it very difficult getting to the Westward; but they left 4 Canoas with 46 men at the Cape, who resolved to row to the Westward. The 18th day we sailed to the Keys of *Chametly* to fill our Water. These Keys or Islands of *Chametly* are about 16 or 18 leagues to the Eastward of Cape *Corrientes*. They are small, low, and woody, incircled with Rocks; there are 5 of them lying in the form of a half Moon, not a mile from the shore, and between them and the Main is very good Riding, secure from any Wind. The *Spaniards* do report, that here live Fishermen, to fish for the Inhabitants of the City of *Purification*. This is said to be a large Town, the best hereabouts; but is 14 leagues up in the Country.

The 20th instant we entered within these Islands, passing in on the S. E. side, and anchored between the Islands and the Main, in 5 fathom clean Sand. Here we found good fresh Water and Wood, and caught plenty of Rock-fish with Hook and Line, a sort of Fish I describ'd at the Isle of *John Fernando*, but we saw no sign of Inhabitants, besides 2 or 4 old Hutts; therefore I do believe that the *Spanish*, or *Indian* Fishermen come hither only at *Lent*, or some other such season, but that they do not live

An. 1685 here constantly. The 21st day Captain Townly went away with about 60 men to take an Indian Village, 7 or 8 leagues from hence to the Westward more towards the Cape, and the next day we went to cruize off the Cape, where Captain Townly was to meet us. The 24th day, as we were cruizing off the Cape, the 4 Canoas before mentioned which Captain Townly's Bark left at the Cape, came off to us. They, after the Bark left them, past to the West of the Cape, and rowed into the Valley *Valderas*, or perhaps *Val d' Iris*; for it signifies the Valley of Flags.

This Valley lies in the bottom of a pretty deep Bay, that runs in between Cape *Corrientes* on the S. E. and the point of *Pontique* on the N. W. which two places are about 10 leagues asunder. The Valley is about 3 leagues wide; there is a level sandy Bay against the Sea, and good smooth landing. In the midst of the Bay is a fine River, whereinto Boats may enter; but it is brackish at the latter end of the dry Season, which is in *February, March*, and part of *April*. I shall speak more of the Seasons in my Chapter of Winds, in the Appendix. This Valley is bounded within Land, with a small green Hill, that makes a very gentle descent into the Valley, and affords a very pleasant prospect to Sea-ward. It is enriched with fruitful Savannahs, mixt with Groves of Trees fit for any uses, beside Fruit Trees in abundance, as Guava's, Oranges and Limes, which here grow wild in such plenty, as if Nature had designed it only for a Garden. The Savannahs are full of fat Bulls and Cows, and some Horses; but no House in sight.

When our Canoas came to this pleasant Valley, they landed 37 men, and marched into the Country seeking for some Houses. They had not gone past 3 mile before they were attackt by 150 *Spaniards*, Horse and Foot: There was a small thin

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Wood close by them, into which our men retreated, to secure themselves from the fury of the Horse: Yet the *Spaniards* rode in among them, and attackt them very furiously, till the *Spanish* Captain, and 17 more, tumbled dead off their Horses: then the rest retreated, being many of them wounded. We lost 4 men, and had 2 desperately wounded. In this action, the Foot, who were armed with Lances and Swords, and were the greatest number, never made any attack; the Horse-men had each a brace of Pistols, and some short Guns. If the Foot had come in, they had certainly destroy'd all our men. When the skirmish was over, our men plac'd the two wounded men on Horses, and came to their Canoas. There they kill'd one of the Horses, and dress'd it; being afraid to venture into the Savannah to kill a Bullock, of which there was store. When they had eaten, and satisfy'd themselves, they returned aboard. The 25th day, being *Christmas*, we cruized in pretty near the Cape, and sent in 3 Canoas with the Strikers to get Fish; being desirous to have a *Christmas* dinner. In the afternoon they returned aboard with 3 great *Few-fish*, which feasted us all: and the next day we sent ashore our Canoas again, and got 3 or 4 more.

Captain *Townly*, who went from us at *Chamely*, came aboard the 28th day, and brought about 40 bushels of Maiz. He had landed to the Eastward of Cape *Corrientes*, and march'd to an *Indian* Village that is 4 or 5 leagues in the Country. The *Indians* seeing him coming, set 2 houses on fire, that were full of Maiz, and run away: Yet he and his men got, in other houses, as much as they could bring down on their backs; which he brought aboard.

We cruized off the Cape till the first day of *January*, 1686, and then made towards the Valley *Valderas*, to hunt for Beef: and before night we anchored in the bottom of the Bay; in 60 fathom

An. 1686 water, a mile from the shore. Here we stay'd hunting till the 7th day, and Captain *Swan* and Captain *Townly* went ashore every morning with about 240 men, and marched to a small hill; where they remain'd with 50 or 60 men to watch the *Spaniards*, who appear'd in great companies on other hills not far distant, but did never attempt any thing against our men. Here we kill'd and salted above 2 months meat, besides what we spent fresh: and might have kill'd as much more, if we had been better stor'd with Salt. Our hopes of meeting the *Philippine Ship* were now over; for we did all conclude, that while we were necessitated to hunt here for Provisions, she was past by to the Eastward, as indeed she was, as we did understand afterwards by Prisoners. So this design fail'd through Captain *Townley's* eagerness after the *Lima Ship*, which he attempted in *Acapulco Harbour*, as as I have related. For though we took a little Flower hard by, yet the same Guide which told us of that Ship would have conducted us where we might had store of Beef and Maiz: but instead thereof we lost both our time and the opportunity of providing our selves, and so were forced to be victualling when we should have been cruising off *Cape Corrientes* in expectation of the *Manila Ship*.

Hitherto we had coasted along here with 2 different designs. The one was to get the *Manila Ship*, which would have enriched us beyond measure, and this Captain *Townly* was most for. Sir *Tho. Cavendish* formerly took the *Manila Ship* off *Cape St. Lucas* in *California*, (where we also would have waited for her, had we been early enough stored with Provisions, to have met her there) and threw much rich Goods over-board. The other design, which Captain *Swan* and our Crew were most for, was to search along the Coast for rich Towns, and Mines chiefly of Gold and Silver, which we were assured

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assured were in this Country, and we hoped near the shore: not knowing (as we afterwards found) that it was in effect an Inland Country, its Wealth remote from the *South Sea Coast*, and having little or no commerce with it: its Trade being driven Eastward with *Europe*, by *La Vera Cruz*. Yet we had still some expectation of Mines, and so resolved to steer on farther Northward. But Captain *Townly*, who had no other design in coming on this Coast, but to meet this Ship, resolved to return again towards the Coast of *Peru*. An. 1686

In all this Voyage on the *Mexican Coast* we had with us a Captain, and 2 or 3 of his Men of our friendly *Inaians* of the Isthmus of *Darien*; who having conducted over some Parties of our Privateers, and expressing a desire to go along with us, were received and kindly entertained aboard our Ships: and we were pleas'd in having, by this means, Guides ready provided, should we be for returning over Land, as several of us thought to do, rather than sail round about. But at this time, we of Captain *Swan's* Ship designing farther to the North West, and Captain *Townly* going back, we committed these our *Indian* Friends to his care, to carry them home. So here we parted; he to the Eastward, and we to the Westward, intending to search as far to the Westward as the *Spaniards* were settled.

It was the 7th day of *January* in the morning when we sailed from this pleasant Valley. The Wind was at N. E. and the weather fair. At 11 a clock the Sea-wind came at N. W. Before night we passed by Point *Pontique*; this is the West point of the Bay of the Valley of *Valderas*, and is distant from Cape *Corrientes* 10 leagues. This point is in lat. 20d. 50m. North: it is high, round, rocky and barren. At a distance it appears like an Island. A league to the West of this point are two small bar-

An. 1686 ren Islands, called the Islands of *Pontique*. There are several high, sharp, white Rocks, that lye scattering about them: we pass between these rocky Islands on the left, and the Main on the right; for there is no danger. The Sea-coast beyond this point runs Northward for about 18 leagues, making many ragged points, with small sandy Bays between them. The Land by the Sea side is low and pretty woody: but in the Country full of high, sharp, barren, rugged, unpleasant Hills.

The 14th day we had sight of a small white Rock, which appears very much like a Ship under sail. This Rock is in lat. 21 d. 15 m. it is 3 leagues from the Main. There is a good Channel between it and the Main, where you will have 12 or 14 fathom water near the Island; but running nearer the Main you will have gradual soundings, till you come in with the shore. At night we anchored in 6 fathom water, near a league from the Main, in good oozy ground. We caught a great many *Cat-fish* here, and at several places on this Coast, both before and after this.

From this Island the Land runs more Northerly, making a fair sandy Bay: But the Sea falls in with such violence on the Shore, that there is no landing, but very good anchoring on all the Coast, and gradual soundings. About a league off shore you will have 6 fathom, and 4 mile off shore you will have 7 fathom water. We came to an anchor every evening; and in the mornings we sailed off with the Land-wind; which we found at N. E. and the Sea-breezes at N. W.

The 20th day we anchored about 3 miles on the East side of the Islands *Chametly*, different from those of that name before-mentioned: for these are 6 small Islands in lat. 23 d. 11 m. a little to the South of the Tropick of *Cancer*, and about 3 leagues from the Main, where a Salt-Lake hath its out-let
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into the Sea. These Isles are of an indifferent height: Some of them have a few shrubby bushes; the rest are bare of any sort of Wood. They are rocky round by the Sea: only one or two of them have sandy Bays on the North side. There is a sort of Fruit growing on these Islands called Penguins; and tis all the Fruit they have.

The Penguin Fruit is of two sorts, the yellow and the red. The yellow Penguin grows on a green stem, as big as a Man's Arm, above a foot high from the ground: The leaves of this stalk are half a foot long, and an inch broad; the edges full of sharp prickles. The Fruit grows at the head of the stalk, in 2 or 3 great clusters, 16 or 20 in a cluster. The Fruit is as big as a Pullets Egg, of a round form, and in colour yellow. It has a thick skin or rind, and the inside is full of small black seeds, mixt among the Fruit. It is a sharp pleasant Fruit. The red Penguin is of the bigness and colour of a small dry Onion, and is in shape much like a Nine-pin; for it grows, not on a stalk, or stem, as the other, but one end on the ground, the other standing upright. 60 or 70 grow thus together as close as they can stand one by another, and all from the same root, or cluster of roots. These Penguins are encompassed or fenced with long leaves, about a foot and an half, or 2 foot long, and prickly like the former; and the Fruit too is much alike. They are both wholesom, and never offend the stomach: but those that eat many will find a heat or tickling in their Fundament. They grow so plentifully in the Bay of *Campeachy*, that there is no passing for their high prickly leaves.

There are some Guanoes on these Islands, but no other sort of Land Animal. The Bays about the Islands are sometimes visited with Seal, and this was the first place where I had seen any of these Animals on the North side of the Equator, in these

An 1686 Seas. For the Fish on this sandy Coast lye most in the Lagunes or Salt-lakes, and mouths of Rivers; but the Seals come not so much there, as I judge: for this being no rocky Coast, where Fish resort most, there seems to be but little food for the Seals, unless they will venture upon Cat fish.

Captain *Swan* went away from hence with 100 Men, in our Canoas, to the Northward, to seek for the River *Coolecan*, possibly the same with the River of *Pastla*, which some Maps lay down in the Province or Region of *Cullacan*. This River lieth in about 24 d. N. lat. We were informed, that there is a fair and rich *Spanish* Town seated on the East side of it, with Savannahs about it, full of Bulls and Cows; and that the Inhabitants of this Town pass over in Boats to the Island *California*, where they fish for Pearl. I have been told since by a *Spaniard*, that said he had been at the Island *California*, that there are great plenty of Pearl-Oylters there, and that the Native *Indians* of *California*, near the Pearl-fishery, are mortal Enemies to the *Spaniards*. Our Canoas were absent 3 or 4 days, and said they had been above 30 leagues but found no River: that the Land by the Sea was low, and all sandy Bay; but such a great Sea, that there was no landing. They met us in their return in the lat. 23 d. 30 m. coasting along shore after them towards *Cullacan*; so we returned again to the Eastward. This was the farthest that I was to the North, on this Coast.

6 or 7 leagues N. N. W. from the Isles of *Chumetly* there is a small narrow entrance into a Lake, which runs about 12 leagues Easterly, parallel with the shore, making many small low Mangrove Islands. The mouth of this Lake is in lat. about 23 d. 30 m. It is called by the *Spaniards* *Rio de Sal*; for it is a Salt Lake. There is Water enough for Boats and Canoas to enter, and smooth landing after you are in. On the West side of it there is an

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Houfe, and an Estation, or Farm of large Cattel. An. 1686
 Our Men went into the Lake, and landed, and co-
 ming to the Houfe found 7 or 8 Bushels of Maiz :
 but the Cattle were driven away by the Spaniards.
 yet there our Men took the Owner of the Estan-
 tion, and brought him aboard. He said, that the
 Beefs were driven a great way into the Country,
 for fear we should kill them. While we lay here,
 Captain Swan went into this Lake again, and land-
 ed 150 Men on the N. E. side, and marched into
 the Country: About a mile from the landing place,
 as they were entring a dry Salina, or Salt-pond,
 they fired at two Indians that crost the way before
 them: one of them being wounded in the thigh
 fell down, and being examined, he told our Men,
 that there was an Indian Town 4 or 5 leagues off,
 and that the way which they were going would
 bring them thither. While they were in discourse
 with the Indian they were attacqued by 100 Spanish
 Horsemen, who came with a design to scare them
 back; but wanted both Arms and Hearts to do it.
 Our Men past on from hence, and in their way
 marched through a Savannah of long dry Grafs.
 This the Spaniards set on fire, thinking to burn
 them; but that did not hinder our Men from
 marching forward, though it did trouble them a
 litte. They rambled for want of Guides all this
 day, and part of the next, before they came to the
 Town the Indian spake of. There they found a com-
 pany of Spaniards and Indians whomade head against
 them; but were driven out of the Town after a
 short dispute. Here our Chirurgion and one Man
 more were wounded with Arrows; but none of
 the rest were hurt. When they came into the
 Town they found 2 or 3 Indians wounded, who
 told them that the Name of the Town was Massac-
 lan; that there were a few Spaniards living in it, and
 the rest were Indians: that 5 leagues from this Town
 there

An. 1686 there were 2 rich Gold Mines, where the *Spaniards* of *Compostella*, which is the chiefest Town in these parts, kept many Slaves and *Indians* at work for Gold. Here our Men lay that night, and the next morning packt up all the Maiz that they could find, and brought it on their backs to the Canoas, and came aboard.

We lay here till the 2d of *February*, and then Captain *Swan* went away with about 80 Men to the River *Rosario*: where they landed, and marched to an *Indian* Town of the same Name. They found it about 9 mile from the Sea; the way to it fair and even. This was a fine little Town, of about 60 or 70 Houses, with a fair Church; and it was chiefly inhabited with *Indians*. They took Prisoners there, which told them, that the River *Rosario* is rich in Gold, and that the Mines are not above 2 leagues from the Town. Captain *Swan* did not think it convenient to go to the Mines; but made haste aboard with the Maiz which he took there, to the quantity of about 80 or 90 Bushels; and which to us, in the scarcity we were in of Provisions, was at that time more valuable than all the Gold in the world: and had he gone to the Mines the *Spaniards* would probably have destroyed the Corn before his return. The 3d day of *February* we went with our Ships also towards the River *Rosario*, and anchored the next day against the Rivers mouth, in 7 fathom, good oazy ground, a league from the shore. This River is in lat. 22 d. 51 m. N. When you are at an anchor against this River, you will see a round Hill, like a Sugar loaf, a little way within Land, right over the River, and bearing N.E. by N. To the Westward of that Hill there is another pretty long Hill called by the *Spaniards* *Caput Cavalli*, or the Horse's Head.

The 7th day Captain *Swan* came aboard with the Maiz which he got. This was but a small quantity for so many Men as we were, especially considering the

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the place we were in, being strangers, and having no Pilots to direct or guide us into any River; and we being without all sort of Provision, but what we were forced to get in this manner from the shore. And though our Pilot-book directed us well enough to find the Rivers, yet for want of Guides to carry us to the Settlements, we were forced to search 2 or 3 days before we could find a place to land: for as I have said before, besides the Seas being too rough for landing in many places, they have neither Boat, Bark, nor Canoa, that we could ever see or hear of: and therefore as there are no such landing places in these Rivers, as there are in the *South Seas*, so when we were landed, we did not know which way to go to any Town, except we accidentally met with a path. Indeed the *Spaniards* and *Indians* whom we had aboard knew the Names of several Rivers, and Towns near them, and knew the Towns when they saw them: but they knew not the way to go to them from the Sea.

The 8th day Captain *Swan* sent about 40 men to seek for the River *Oleta*, which is to the Eastward of the River *Rosario*. The next day we followed after with the Ships, having the Wind at W. N. W. and fair weather. In the afternoon our Canoas came again to us, for they could not find the River *Oleta*; therefore we designed next for the River *St. Jago*, to the Eastward still. The 11th day in the evening we anchored against the mouth of the River, in 7 fathom water, good soft oozy ground, and about 2 mile from the shore. There was a high white Rock without us, called *Maxentelbo*. This Rock at a distance appears like a Ship under sail; it bore from us W. N. W. distant about 3 leagues. The Hill *Zelisco* bore S. E. which is a very high Hill in the Country, with a Saddle or bending on the top. The River *St. Jago* is in lat. 22 d. 15 m. It is one of the principal Rivers on this

An. 1686 this Coast; there is 10 foot Water on the bar at low Water, but how much it flows here I know not. The mouth of this River is near half a mile broad, and very smooth entring. Within the mouth it is broader; for there are 3 or 4 Rivers more meet there, and issue all out together. The Water is brackish a great way up; yet there is fresh Water to be had, by digging or making Wells in the sandy Bay, 2 or 3 foot deep, just at the mouth of the River.

The 11th day Captain *Swan* sent 70 men in 4 Canoas into this River, to seek a Town; for although we had no intelligence of any, yet the Country appearing very promising, we did not question but they would find Inhabitants before they returned. They spent 2 days in rowing up and down the Creeks and Rivers; at last they came to a large Field of Maiz, which was almost ripe: They immediately fell to gathering as fast as they could, and intended to lade the Canoas; but seeing an *Indian* that was set to watch the Corn, they quitted that troublesome and tedious work, and seiz'd him, and brought him aboard, in hopes by his information, to have some more easy and expedite way of a supply, by finding Corn ready cut and dried. He being examined, said, that there was a Town called *Santa Pecaque*, 4 leagues from the place where he was taken; and that if we designed to go thither, he would undertake to be our Guide. Captain *Swan* immediately ordered his men to make ready, and the same evening went away with 8 Canoas and 140 men, taking the *Indian* for their Guide.

He rowed about 5 leagues up the River, and landed the next morning. The River at this place was not above Pistol shot wide, and the Banks pretty high one each side, and the Land plain and even. He left 23 men to guard the Canoas, and

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acht the Town by 10. The way thro which he
ffed was very plain, part of it Wood-land, part
wannahs. The Savannahs were full of Horses,
alls and Cows. The *Spaniards* seeing him coming
in all away; so he entered the Town without
e least opposition.

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This Town of *Santa Pecaque* stands on a Plain,
a Savannah, by the side of a VWood, with many
ruit Trees about it. It is but a small Town, but
ry regular, after the *Spanish* mode, with a Parade
the midst. The Houses fronting the Parade had
Balconies: there were 2 Churches; one against
e Parade, the other at the end of the Town. It
inhabited most with *Spaniards*. Their chiefest
cupation is Husbandry. There are also some
arriers, who are employed by the Merchants of
Compostella, to trade for them to, and from the
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Compostella is a rich Town, about 21 leagues from
ence. It is the chiefest in all this part of the King-
om, and is reported to have 70 white Families:
hich is a great matter in these parts; for it may
that such a Town hath not less than 500 Fami-
es of copper-coloured People, besides the white.
e Silver Mines are about 5 or 6 leagues from
Santa Pecaque; where, as we were told, the Inha-
tants of *Compostella* had some hundreds of Slaves
work. The Silver here, and all over the King-
om of *Mexico*, is said to be finer and richer in pro-
ortion than that of *Potosi* or *Peru*, tho the Oar be
so abundant; and the Carriers of this Town
of *Santa Pecaque* carry the Oar to *Compostella*, where
is refined. These Carriers or Sutlers also furnish
e Slaves at the Mines with Maiz, whereof here
as great plenty now in the Town designed for that
e: here was also Sugar, Salt, and Salt-fish.

Captain

An. 1686

Captain *Swan's* only business at *Santa Pecaque* was to get Provision: therefore he ordered his Men to divide themselves into two parts, and by turns carry down the Provision to the Canoas; one half remaining in the Town to secure what they had taken, while the other half were going and coming. In the afternoon they caught some Horses and the next morning, being the 17th day, 50 Men, and some Horses, went laden with Maiz to the Canoas. They found them, and the Men left to guard them, in good order; though the *Spaniards* had given them a small diversion, and wounded one Man: but our Men of the Canoas landed, and drove them away. These that came loaded to the Canoas left 7 Men more there, so that now they were 40 Men to guard the Canoas. At night the other returned, and the 18th day in the morning that half which staid the day before at the Town took their turn of going with every Man his burden, then, and 24 Horses laden. Before they returned Captain *Swan* and his other Men at the Town caught a Prisoner, who said, that there were near a thousand Men of all colours, *Spaniards* and *Indians*, *Negroes* and *Mulatto's*, in arms, at a place called *St. Fago*, but 3 leagues off, the chief Town on this River; that the *Spaniards* were armed with Guns and Pistols, and the copper-colour'd with Swords and Lances. Captain *Swan*, fearing the ill consequence of separating his small company, was resolved the next day to march away with the whole party; and therefore he ordered his Men to catch as many Horses as they could, that they might carry the more provision with them. Accordingly, the next day, being the 19th day of *February* 1686, Captain *Swan* called out his Men betimes to be gone; but they refused to go, and said, that they would not leave the Town till all the Provision was in the Canoas: Therefore he was forced to

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yield to them, and suffered half the company to go
 as before: They had now 54 Horfes laden, which
 Captain *Swan* ordered to be tied one to another,
 and the Men to go in two bodies, 25 before, and
 as many behind: but the Men would go at their
 own rate, every Man leading his Horfe. The
Spaniards observed their manner of marching, and
 laid an Ambush about a mile from the Town, which
 they managed with such success, that falling on our
 body of Men, who were guarding the Corn to the
 Canoas, they kill'd them every one. Captain *Swan*
 hearing the report of their Guns, ordered his Men,
 who were then in the Town with him, to march
 out to their assistance: but some opposed him, de-
 spising their Enemies; till two of the *Spaniards*
 Horfes, that had lost their Riders, came galloping
 into the Town in a great fright, both bridled and
 and saddled, with each a pair of Holsters by their
 sides, and one had a Carabine newly discharged:
 which was an apparent token that our Men had
 been engaged, and that by Men better armed than
 they imagined they should meet with. Therefore
 Captain *Swan* immediately marcht out of the
 Town, and his Men all followed him; and when
 he came to the place where the Engagement had
 been, he saw all his Men that went out in the morn-
 ing lying dead. They were stript, and so cut and
 mangl'd, that he scarce knew one Man. Captain
Swan had not more Men then with him, than those
 were who lay dead before him, yet the *Spaniards*
 never came to oppose him, but kept at a great di-
 stance; for tis probable the *Spaniards* had not cut
 off so many Men of ours, but with the loss of a
 great many of their own. He marcht down to
 the Canoas, and came aboard his ship with the
 Maiz that was already in the Canoas. He had
 out 50 Men killed, and lost his own by the
 valiant friend Mr. Ringrose.

An. 1686

An. 1686 Part of the *History of the Buccaneers*, which relates to Captain *Sharp*. He was at this time Cape-Merchant or Super-cargo of Captain *Swan's* Ship. He had no mind to this Voyage; but was necessitated to engage in it, or starve.

This loss discouraged us from attempting any thing more hereabouts. Therefore Captain *Swan* proposed to go to Cape *St. Lucas* on *California* to careen. He had two reasons for this: first, that he thought he could lye there secure from the *Spaniards*, and next, that if he could get a commerce with the *Indians* there, he might make a discovery in the Lake of *California*, and by their assistance try for some of the Plate of *New Mexico*.

This Lake of *California* (for so the Sea, Channel or Streight, between that and the Continent, is called) is but little known to the *Spaniards*, by what I could ever learn; for their Drafts do not agree about it. Some of them do make *California* an Island, but give no manner of account of the Tides flowing in the Lake, or what depth of Water there is, or of the Harbours, Rivers, or Creeks, that border on it: Whereas on the West side of the Island, toward the *Asiatick* Coast, their Pilot-book gives an account of the Coast from Cape *St. Lucas* to 40 d. N. Some of their Drafts newly made do make *California* to join to the Main. I do believe that the *Spaniards* do not care to have this Lake discovered, for fear lest other *European* Nations should get knowledge of it, and by that means visit the Mines of *New Mexico*. We heard that not long before our arrival here, the *Indians* in the Province of *New Mexico* made an insurrection, and destroyed most of the *Spaniards* there, but that some of them flying towards the Gulf or Lake of *California*, made Canoas in that Lake and got safe away; so that the *Indians* of the Lake of *California*, seem to be at perfect enmity with the *Spaniards*. We had

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an o'd intelligent *Spaniard* now aboard, who said *An. 1686* that he spoke with a *Frier* that made his escape among them.

New Mexico, by report of several *English* Prisoners there, and *Spaniards* I have met with, lyeth N. W. from *Old Mexico* between 4 and 500 leagues, and the biggest part of the Treasure which is found in this Kingdom, is in that Province; but without doubt there are plenty of Mines in other parts, as well as in this part of the Kingdom where we now were, as in other places; and probably, on the Main, bordering on the Lake of *California*; although not yet discovered by the *Spaniards* who have Mines enough, and therefore, as yet, have no reason to discover more.

In my opinion, here might be very advantageous Discoveries made by any that would attempt it: for the *Spaniards* have more than they can well manage. I know yet, they would lie like the *Dog in the Manger*; altho not able to eat themselves, yet they would endeavour to hinder others. But the Voyage thither being so far, I take that to be one reason that hath hindered the Discoveries of these parts: yet it is possible, that a man may find a nearer way thither than we came; I mean by the North West.

I know there have been divers attempts made about a North West Passage, and all unsuccessful: yet I am of opinion, that such a Passage may be found. All our Countrymen that have gone to discover the N. W. Passage, have endeavoured to pass to the Westward, beginning their search along *Davis's*, or *Hudsons Bay*. But if I was to go on this Discovery, I would go first into the *South Seas*, bend my course from thence along by *California*; and that way seek a Passage back into the *West Seas*. For as others have spent the Summer, in first searching on this more known side nearer home, and so before they got through, the time of the

An. 1686 year obliged them to give over their search, and provide for a long course back again, for fear of being left in the Winter; on the contrary, I would search first on the less known Coasts of the *South Sea* side, and then, as the year past away, I should need no retreat, for I should come farther into my knowledge, if I succeeded in my attempt, and should be without that dread and fear which the others must have in passing from the known to the unknown; who for ought I know gave over their search just as they were on the point of accomplishing their desires.

I would take the same method if I was to go to discover the North East Passage. I would winter about *Japan*, *Corea*, or the North East part of *China*; and taking the Spring and Summer before me, I would make my first Trial on the Coast of *Tartary*: wherein, if I succeeded, I should come into some known parts; and have a great deal of time before me to reach *Archangel* or some other Port. *Captain Wood*, indeed says, this North East Passage is not to be found for Ice: but how often do we see that sometimes designs have been given over as impossible, and at another time, and by other ways, those very things have been accomplished? But enough of this.

The next day after that fatal Skirmish near *Sanna Pecaque* *Captain Swan* ordered all our Water to be fill'd, and to get ready to sail. The 21st day we sail'd from hence, directing our course towards *California*: we had the Wind at N. W. and W. N. W. a small gale, with a great Sea out of the West. We pass'd by 3 Islands called the *Maria's*. After we pass'd these Islands we had much Wind at N. N. W. and N. W. and at N. with thick rainy weather. We beat till the 6th day of *February*, but it was against a brisk Wind, and proved labour in vain. For we were now within reach of the Land Trade-wind, which

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which was opposite to us: but would we go to Cali-
 fornia upon any Discovery or otherwise, we should
 bear 60 or 70 leagues off from shore; where we
 should avoid the Land-winds, and have the benefit
 of the true Easterly Trade-wind.

Finding therefore that we got nothing, but ra-
 ther lost ground, being then in 21 d. 5 m. N. we
 steered away more to the Eastward again for the
 Islands *Maria's*, and the 7th day we came to an an-
 chor at the East end of the middle Island, in 8 fa-
 thom Water, good clean Sand.

The *Maria's* are three uninhabited Islands in lat.
 21 d. 40 m. they are distant from Cape *St. Lucas*
 on *California* 40 leagues, bearing West South
 West, and they are distant from Cape *Corrientes* 20
 leagues, bearing upon the same points of the Com-
 pats with Cape *St. Lucas*. They stretch N. W. and
 S. E. about 14 leagues. There are 2 or 3 small
 high Rocks near them: The Westernmost of them
 is the biggest Island of the three; and they are all
 three of an indifferent height. The soil is stony
 and dry; the land, in most places, is covered with
 a shrubby sort of Wood, very thick and trouble-
 some to pass through. In some places there is plen-
 ty of straight large Cedars; though speaking of the
 places where I have found Cedars, Chap. 3. I for-
 got to mention this place. The *Spaniards* make
 mention of them in other places: but I speak of
 those which I have seen. All round by the Sea side
 it is sandy; and there is produced a green prickly
 Plant, whose leaves are much like the Penguin-leaf,
 and the root like the root of a *Sempervive*, but much
 larger. This root being bak'd in an Oven is good
 to eat: and the *Indians* on *California*, as I have been
 informed, have great part of their subsistence from
 these roots. We made an Oven in a sandy Bank,
 and baked of these Roots, and I eat of them: but
 none of us greatly care'd for them. They taste ex-
 actly

An. 1686 actly like the Roots of our *English* Burdocks boil'd, of which I have eaten. Here are plenty of Guanoes and Raccoons (a large sort of Rat) and *Indian* Conies, and abundance of large Pigeons and Turtle-Doves. The Sea is also pretty well stored with Fish, and Turtle or Tortoise, and Seal. This is the second place on this Coast where I did see any Seal: and this place helps to confirm what I have observed, that they are seldom seen but where there is plenty of Fish. Captain *Swan* gave the middle Island the Name of *Prince George's Island*.

The 8th day we run nearer the Island, and anchored in 5 fathom, and moored Head and Stern, and unrigg'd both Ship and Bark in order to careen. Here Captain *Swan* propos'd to go into the *East Indies*. Many were well pleas'd with the Voyage; but some thought, such was their ignorance, that he would carry them out of the world; for about 2 thirds of our Men did not think there was any such way to be found: but at last he gain'd their consents.

At our first coming hither we did eat nothing but Seal; but after the first 2 or 3 days our Strikers brought aboard Turtle every day; on which we fed all the time that we lay here, and saved our Maiz for our Voyage. Here also we measured all our Maiz, and found we had about 80 Bushels. This we divided into 3 parts; one for the Bark, and two for the Ship; our Men were divided also, 100 men aboard the Ship, and 50 aboard the Bark, besides 3 or 4 Slaves in each.

I had been a long time sick of a Dropsy, a distemper, whereof, as I said before, many of our men died; so here I was laid and covered all but my head in the hot Sand: I indured it near half an hour, and then was taken out and laid to sweat in a Tent. I did sweat exceedingly while I was in the Sand, and I do believe it did me much good, for I grew well soon after.

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We staid here till the 26th day, and then both *An. 1686* Vessels being clean, we sailed to the Valley of *Balderas* to water, for we could not do it here now. In the wet Season indeed here is Water enough, for the Brooks then run down plentifully; but now, though there was Water, yet it was bad filling, it being a great way to fetch it from the holes were it lodged. The 28th day we anchored in the bottom of the Bay the Valley of *Balderas*, right against the River, where we watered before: but this River was brackish now in the dry season; and therefore we went 2 or 3 leagues nearer Cape *Corrientes*, and anchored by a small round Island, not half a mile from the shore. The Island is about 4 leagues to the Northward of the Cape; and the Brook where we filled our water is just within the Island, upon the Main. Here our Strikers struck 9 or 10 *Few-fish*; some we did eat, and the rest we salted: and the 29th day we fill'd 32 Tuns of very good water.

Having thus provided our selves, we had nothing more to do, but to put in execution our intended expedition to the *East Indies*, in hopes of some better success there, than we had met with on this little frequented Coast. We came on it full of expectations; for besides the richness of the Country, and the probability of finding some Sea Ports worth visiting, we perswaded our selves that there must needs be Shipping and Trade here, and that *Acapulco* and *La Vera Cruz* were to the Kingdom of *Mexico*, what *Panama* and *Portobel* are to that of *Peru*, viz. *Marts* for carrying on a constant Commerce between the South and North Seas, as indeed they are. But whereas we expected that this Commerce should be managed by Sea, we found our selves mistaken: that of *Mexico* being almost wholly a Land-trade, and managed more by Mules than by Ships: So that instead of profit we met with little

An. 1686 on this Coast, besides fatigues, hardships and losses, and so were the more easily induced to try what better fortune we might have in the *East Indies*. But to do right to Captain *Swan*, he had no intention to be as a Privateer in the *East Indies*; but, as he hath often assured me with his own mouth, he resolved to take the first opportunity of returning to *England*: So that he feigned a compliance with some of his men, who were bent upon going to cruize at *Manila*, that he might have leisure to take some favourable opportunity of quitting the Privateer Trade.

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CHAP. X.

Their Departure from Cape Corrientes for the Ladrone Islands, and the East Indies. Their Course thither, and Accidents by the way: with a Table of each days Run, &c. Of the different accounts of the breadth of these Seas. Guam, one of the Ladrone Islands. The Coco-nut Tree, Fruit, &c. The Toddi, or Arack that distils from it; with other uses that are made of it. Coire Cables, The Lime, or Crab Limon. The Bread-fruit. The Native Indians of Guam. Their Proe's, a remarkable sort of Boats: and of those used in the East Indies. The State of Guam: and the Provisions with which they were furnisht there.

Have given an account in the last Chapter of the resolutions we took of going over to the East Indies. But having more calmly considered on the length of our Voyage, from hence to Guam, one of the Ladrone Islands, which is the first place that we could touch at, and there also being not certain to find Provisions, most of our men were almost daunted at the thoughts of it; for we had not 60 days Provisiion, at a little more than half a pint of Maiz a day for each man, and no other Provision except 3 Meals of salted *Few-fish*; and we had a great many Rats aboard, which we could not hinder from eating part of our Maiz. Beside, the great distance between Cape Corrientes and Guam: which is variously set down, The Spa-

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An. 1686 *Spaniards*, who have the greatest reason to know best, make it to be between 2300 and 2400 leagues; our Books also reckon it differently, between 90 and 100 degrees, which all comes short indeed of 2000 leagues, but even that was a Voyage enough to frighten us, considering our scanty Provisions. Captain *Swan* to encourage his men to go with him, perswaded them that the *English* Books did give the best account of the distance; his reasons were many, although but weak. He urged among the rest, that Sir *Thomas Candish* and Sir *Francis Drake*, did run it in less than 50 days, and that he did not question but that our Ships were better failers, than those which were built in that age, and that he did not doubt to get there in little more than 40 days: This being the best time in the year for breezes, which undoubtedly is the reason that the *Spaniards* set out from *Acapulco* about this time; and that although they are 60 days in their Voyage, it is because they are great Ships, deep laden, and very heavy failers; besides, they wanting nothing are in no great haste in their way, but sail with a great deal of their usual caution. And when they come near the Island *Guam*, they lye by in the night for a week, before they make Land. In prudence we also should have contriv'd to lye by in the night when we came near Land, for otherwise we might have run ashore, or have outfailed the Islands, and lost sight of them before morning. But our bold adventurers seldom proceed with such wariness when in any streights.

But of all Captain *Swan's* arguments, that which prevailed most with them was, his promising them, as I have said, to cruize off the *Manila's*. So he and his men being now agreed, and they encouraged with the hope of gain, which works its way thro all difficulties, we set out from Cape *Corrientes* *March* the 31st, 1686. We were 2 Ships in Company,
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Captain *Swan's* Ship, and a Bark commanded under Captain *Swan*, by Captain *Teat*, and we were 150 men, 100 aboard of the Ship, and 50 aboard the Bark, beside slaves, as I said. An. 1686

We had a small Land-wind at E. N. E. which carried us 3 or 4 leagues, then the Sea-wind came at W. N. W. a fresh gale, so we steered away S. W. By 6 a clock in the evening we were about 9 leagues S. W. from the Cape, then we met a Land-wind which blew fresh all night, and the next morning about 10 a clock we had the Sea breeze at N. N. E. so that at noon we were 20 leagues from the Cape. It blew a fresh gale of Wind, which carried us off into the true Trade-wind, (of the difference of which Trade-winds I shall speak in the Chapter of Winds, in the Appendix) for although the constant Sea breeze near the shore is at W. N. W. yet the true Trade off at Sea, when you are clear of the Land-winds, is at E. N. E. At first we had it at N. N. E. so it came about Northerly, and then to the East as we run off. At 250 leagues distance from the shore we had it at E. N. E. and there it stood till we came within 40 leagues of *Guam*. When we had eaten up our 3 meals of salted *Few-fish* in so many days time, we had nothing but our small allowance of Maiz.

After the first day of *March* we made great runs every day, having very fair clear weather, and a fresh Trade-wind, which we made use of with all our Sails, and we made many good *Observations* of the Sun. At our first setting out, we steer'd into the lat. of 13 degrees, which is near the lat. of *Guam*; then we steer'd West keeping in that lat. By that time we had sailed 20 days, our men seeing we made such great runs, and the Wind like to continue, repined because they were kept at such short allowance. Captain *Swan* endeavoured to perswade them to have a little patience; yet nothing

An. 1686 nothing but an augmentation of their daily allowance would appease them. Captain *Swan*, though with much reluctance, gave way to a small enlargement of our commons, for now we had not above 10 Spoonfuls of boil'd Maiz a man, once a day, whereas before we had 8: I do believe that this short allowance did me a great deal of good, though others were weakened by it; for I found that my strength increased, and my Dropsy wore off. Yet I drank 3 times every 24 hours; but many of our men did not drink in 9 or 10 days time, and some not in 12 days; one of our men did not drink in 17 days time, and said he was not adry when he did drink; yet he made water every day more or less. One of our men in the midst of these hardships was found guilty of theft, and condemned for the same, to have 3 blows from each man in the Ship, with a 2 inch and a half rope on his bare back. Captain *Swan* began first, and struck with a good will, whose example was followed by all of us.

It was very strange that in all this Voyage we did not see one Fish, not so much as a Flying fish, nor any sort of Fowl, but at one time, when we were by my account 4975 miles West from Cape *Corrientes*, then we saw a great number of Boobies, which we supposed came from some Rocks not far from us, which were mentioned in some of our Sea-carts, but we did not see them.

After we had run the 1900 leagues by our reckoning which made the *English* account to *Guam*, the men began to murmur against Captain *Swan*, for perswading them to come this Voyage; but he gave them fair words, and told them that the *Spanish* account might probably be the truest, and seeing the gale was likely to continue, a short time longer would end our troubles.

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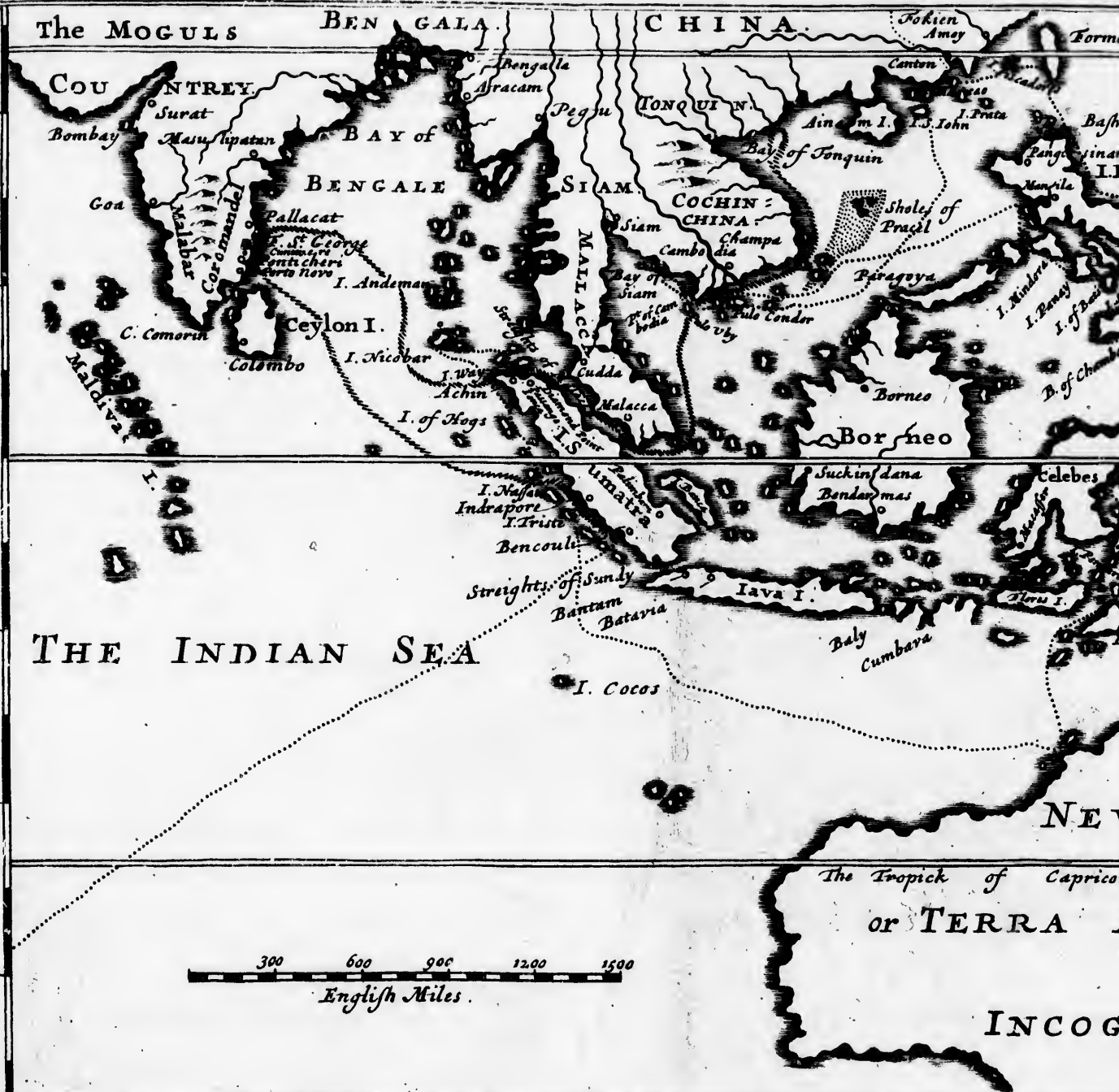


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As we drew nigh the Island, we met with some *An. 1686*
small Rain, and the Clouds settling in the West, were in apparent token that we were not far from Land; for in these Climates, between or near the Tropicks, where the Trade-wind blows constantly, the Clouds which fly swift over head, yet seem near the Limb of the Horizon to hang without much motion or alteration, where the Land is near. I have often taken notice of it, especially if it is high Land, for you shall then have the Clouds hang about it without any visible motion.

The 20th day of *May*, our Bark being about 3 leagues a head of our Ship, sailed over a rocky shore, on which there was but 4 fathom water and abundance of Fish swimming about the Rocks. They imagin'd by this that the Land was not far off; so they clapt on a Wind with the Barks head to the North, and being past the Shore lay by for us. When we came up with them, Captain *Teat* came aboard us, and related what he had seen. We were then in lat. 12 d. 55 m. steering West. The Island *Guam* is laid down in Lat. 13 d. N. by the *Spaniards*, who are Masters of it, keeping it as a baiting place as they go to the *Philippine* Islands. Therefore we clapt on a Wind and stood to Northward, being somewhat troubled and doubtful whether we were right, because there is no Shore laid down in the *Spanish* drafts about the Island *Guam*. At 4 a clock, to our great joy, we saw the Island *Guam*, at about 8 leagues distance.

It was well for Captain *Swan* that we got sight of it before our Provision was spent, of which we had but enough for 3 days more; for as I was afterwards informed, the men had contrived first to kill Captain *Swan* and eat him when the victuals was gone, and after him all of us who were necessary in promoting the undertaking this Voyage. This made Captain *Swan* say to me after our arrival

An. 1686 rival at Guam, Ah! Dampier, you would have made them but a poor Meal; for I was as lean as the Captain was lusty and fleshy. The Wind was at E. N. E. and the Land bore at N. N. E. therefore we stood to the Northward, till we brought the Island to bear East, and then we turned to get in to an anchor.

The account I have given hitherto of our course from Cape *Corrientes* in the Kingdom of *Mexico*, (for I have mentioned another Cape of that name in *Peru*, South of the Bay of *Panama*) to *Guam*, one of the *Ladron* Islands, hath been in the gross. But for the satisfaction of those who may think it serviceable to the fixing the Longitudes of these parts, or to any other use in Geography or Navigation, I have here subjoined a particular Table of every days run, which was as follows.

A

March.

Day	Course
31	SW
1	SW
2	SW
3	W
4	W
5	W
6	W
7	W
8	W
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15	W
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March

Day	Course
18	W
19	W
20	W
21	W
22	W
23	R. W Ob. V

A Table of every days Run to Guam.

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An. 1686

March.

Day	Course.	Dist.	S.	W.	Lat.	Winds.
31	SW 5dW	27	17	20	20:11	WNW
1	SW 5 W	106	68	81	R. 19: 3	NW:NNW
2	SW 1 W	142	98	101	R. 17:25	NbW
3	W by S	102	19	100	Ob. 17: 6	N
4	W 12 S	140	29	136	Ob. 16:37	N: NNE
5	W 20 S	160	54	150	Ob. 15:43	N
6	W 10 S	108	18	106	Ob. 15:25	NE
7	W 15 S	89	23	86	Ob. 15: 2	NE:ENE
8	W 2 S	64	5	63	R. 14:57	ENE
9	W 4 S	94	6	93	Ob. 14:51	ENE
10	W 5 S	138	12	137	Ob. 14:39	ENE
11	W 5 S	124	10	123	Ob. 14:29	ENE
12	W 5 S	170	14	169	R. 14:15	ENE
13	W 5 S	170	14	169	R. 14: 1	ENE
14	W 5 S	180	15	177	R. 13:46	ENE
15	W 6 S	174	18	172	R. 13:28	ENE cloudy
16	W 6 S	182	19	180	R. 13: 9	ENE mifty
17	W 6 S	216	22	214	R. 12:47	ENE Rain

The Summ of the Westings hitherto is ——— 2283
 which make Deg. of Longitude ——— 39d. 5m.

From hence my Course is most West, sometimes Southerly, sometimes Northerly.

Day	Course.	Dist.	N or S	W.	Lat.	Winds.
18	W	192	0	192	R. 12:47	E by N
19	W	180	0	180	R. 12:47	E cloudy
20	W	177	0	170	R. 12:47	ENE
21	W	171	0	171	R. 12:47	ENE
22	W	18	0	180	R. 12:47	E by N
23	R. W. Ob. W 4 N	170	11	N 168	R. 12:47 ob. 12:58	E by N

April

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March

An. 1686 April

Day.	Course.	Dist	N or S	W.	Lat.	Winds.
24	R. W	146	0	146	R. 12:58	E by N
25	W	146	0	146	R. 12:58	E by N
26	W 3 N	185	9 N	104	Ob. 13: 7	E by N
27	W	140	0	140	Ob. 13: 7	E by N
28	W	167	0	167	R. 13: 7	E by N
29	W 2 N	172	5	171	Ob. 13: 12	E
30	W	173	0	173	Ob. 13: 12	E NE
M. 1	W	196	0	196	R. 13: 12	E by N
2	W	160	0	160	Ob. 13: 12	E by N
3	W	154	0	154	R. 13: 12	E NE
4	R. W. Ob. W 2 S	153	5 S	152	R. 13: 12 Ob. 13: 7	E NE
5	W 2 N	180	7 N	179	Ob. 13: 14	E NE
6	W 3 N	172	9 N	171	Ob. 13: 22	E NE
7	W	160	0	160	Ob. 13: 22	E NE
8	W 3 S	149	7 S	148	Ob. 13: 15	E by N
9	W 4 S	134	9 S	133	Ob. 13: 6	E NE
10	W	128	0	128	R. 13: 6	E NE
11	W 5 S	112	9	111	Ob. 12: 57	E NE
12	W	128	0	128	R. 12: 57	E NE
13	W	129	0	129	R. 12: 57	E NE
14	W	128	0	128	R. 12: 57	E NE
15	W 4 N	118	8 N	117	Ob. 13: 5	E NE
16	W 6 S	114	11 S	113	Ob. 12: 54	E NE
17	W 3 S	109	5 S	108	Ob. 12: 49	E NE
18	W	120	0	120	R. 12: 49	E NE
19	W	127	0	127	R. 12: 49	E NE
20	W	134	0	134	R. 12: 50	E
21	NW 7W	13	8 N	10	R. 12: 59	E NE

Summ of all the Westings ————— 7323
 Making Deg. of Longitude in all ————— 125 d. 11 m.

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Now the Island *Guam* bore N. N. E. 8 leagues *An. 1686* dist. this gives 22 m. to my Lat. and takes 9 from my Meridian dist. so that the Island is in Lat. 13:21; and the Merid. dist. from Cape *Corrientes* 7302 miles; which reduced into degrees makes 125 d. 11 m.

The Table consists of 7 Columns. The first is of the days of the month. The 2d Column contains each days course, or the Point of the Compass we ran upon. The 3d gives the distance or length of such course in *Italian* or Geometrical miles, (at the rate of 60 to a degree,) or the progress the Ship makes every day; and is reckoned always from noon to noon. But because the course is not always made upon the same Rumb in a direct line, therefore the 4th and 5th Columns shew how many miles we ran to the South every day, and how many to the West, which last was our main run in this Voyage. By the 17th of *April* we were got pretty near into the latitude of *Guam*, and our course then lying along that parallel, our Northing and Southing consequently were but little, according as the Ship deviated from its direct course; and such deviation is thenceforward express'd by N. or S. in the 5th Column, and the Ships keeping straight on the West Rumb, by 0, that is to say, no Northing or Southing. The 6th Column shews the lat. we were in every day, where R. signifies the *dead Reckoning*, by the running of the Logs, and Ob. shews the lat. by observation. The 7th Column shews the Wind and Weather.

To these I would have added an 8th Column, to shew the Variation of the Needle; but as it was very small in this course, so neither did we make any observation of it, above once, after we were set out from the *Mexican Coast*. At our departure from Cape *Corrientes*, we found it to be 4 d. 28 m. Easterly; and the observation we made of it afterwards, when we had gone about a third of the Voyage, shewed

An. 1686 shewed it to be so near the same, but decreasing: Neither did we observe it at *Guam*, for Captain *Swan* who had the Instruments in his Cabbin, did not seem much to regard it: Yet I am inclined to think that at *Guam*, the Variation might be either none at all, or even increasing to the Westward.

To conclude, *May* 20th at noon (when we began to call it 21st) we were in lat. 12 d. 50 m. N. by R. having run since the noon before 134 miles directly West. We continued the same course till 2 that afternoon, for which I allow 10 miles more, West still, and then, finding the parallel we ran upon to be too much Southerly, we clapt on a Wind and sailed directly North, till 5 in the afternoon, having in that time run 8 mile, and increased our latitude so many minutes, making it 12 d. 58 m. We then saw the Island *Guam* bearing N. N. E. distant from us about 8 leagues, which gives the latitude of the Island 13. d. 20 m. And according to the account foregoing, its longitude is 125 d. 11 m. West from Cape *Corrientes* on the Coast of *Mexico*, allowing 58 and 59 *Italian* miles to a degree in these latitudes, at the common rate of 60 miles to a degree of the Equator, as before computed.

As a Corollary from hence it will follow, that upon a supposal of the truth of the general allowance, Seamen make of 60 *Italian* miles to an Equinoctial degree, that the South Sea must be of a greater breadth by 25 degrees, than it's commonly reckoned by Hydrographers, who makes it only about 100, more or less. For since we found (as I shall have occasion to say) the distance from *Guam* to the Eastern parts of *Asia*, to be much the same with the common reckoning; it follows by way of necessary consequence from hence, that the 25 degrees of longitude, or thereabouts, which are under-reckoned in the distance between *America* and the *East Indies* Westward, must be over-reckoned

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in the breadth of *Asia* and *Africk*, the *Atlantick Sea*, *Am. 1686*
 or the *American Continent*, or all together; and so
 that Tract of the *Terraqueous Globe*, must be so
 much shortened. And for a further confirmation
 of the fact, I shall add, that as to the *Æthiopick* or
Indian Sea, its breadth must be considerably less
 than 'tis generally calculated to be; if it be true
 what I have heard over and over, from several able
 Seamen whom I have conversed with in those
 parts, that Ships sailing from the *Cape of Good*
Hope to *New-Holland*, (as many Ships bound to *Ja-*
va, or thereabouts, keep that lat.) find themselves
 there, (and sometimes to their cost) running a ground
 when they have thought themselves to be a great
 way off; and 'tis from hence possibly, that the *Dutch*
 call that part of this Coast, the Land of *Indraught*,
 (as if it magnetically drew Ships too fast to it) and
 give cautions to avoid it: But I rather think 'tis the
 nearness of the Land, than any Whirlpool, or the
 like, that surprizes them. As to the breadth of
 the *Atlantick Sea*, I am from good hands assured,
 that it is over-reckoned by 6, 7, 8, or 10 degrees;
 for besides my different draughts of the concurrent
 Accounts of several experienced men, who have
 confirmed the same to me; Mr. *Canby* particularly,
 who hath sailed as a Mate in a great many Voy-
 ages, from *Cape Lopez* on the Coast of *Guinea* to
Barbadoes, and is much esteem'd as a very sensible
 man, hath often told me, that he constantly found
 the distance to be between 60 and 62 degrees;
 whereas 'tis laid down in 68, 69, 70, and 72 de-
 grees in the common draughts.

As to the supposition it self which our Seamen
 make, in the allowing but 60 miles to a degree, I
 am not ignorant how much this hath been canvass'd,
 of late years especially, and that the prevailing o-
 pinion hath been that about 70, or upwards should
 be allowed. But till I can see some better grounds.

An. 1686 for the exactness of these tryals, that have been made on Land by Mr. *Norwood* and others, considering the inequality of the Earths surface, as well as the obliquity of the way; in their allowing for which I am somewhat doubtful of their measures: upon the whole matter, I cannot but adhere to the general Sea-Calculation, confirmed as to the main by daily experience, till some more certain estimate shall be made, than those hitherto attempted. For we find our selves when we sail North or South, to be brought to our intended place, in a time agreeable enough with what we expect upon the usual supposition; making all reasonable allowance, for the little unavoidable deviations East or West: and there seems no reason why the same estimate should not serve us in crossing the Meridians, which we find so true in sailing under them. As to this course of ours to *Guam* particularly, we should rather increase than shorten our estimate of the length of it, considering that the Easterly Wind and Current being so strong, and bearing therefore our Log after us, as is usual in such cases; should we therefore in casting up the run of the Log, make allowance for so much space as the Log it self drove after us (which is commonly 3 or 4 miles in 100 in so brisk a gale as this was) we must have reckoned more than 125 degrees; but in this Voyage we made no such allowance (though it be usual to do it) so that how much so ever this computation of mine exceeds the common Draughts, yet is it of the shortest according to our experiment and calculation.

But to proceed with our Voyage: The Island *Guam*, or *Guakon*, (as the Native *Indians* pronounce it) is one of the *Ladrone* Islands, belongs to the *Spaniards*, who have a small Fort with 6 Guns in it, with a Governour and 20 or 30 Soldiers. They keep it for the relief and refreshment of their People.

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lippine Ships, that touch here in their way from *Acapulco* to *Manila*, but the Winds will not so easily let them take this way back again. The *Spaniards* of late have named *Guam*, the Island *Maria*, it is about 12 leagues long and 4 broad, lying N. and S. It is pretty high Champion Land.

The 21st day of *May* 1686, at 11 a clock in the evening, we anchored near the middle of the Island *Guam*, on the West side, a mile from the shore. At a distance it appears flat and even, but coming near it you will find it stands shelving, and the East side, which is much the highest, is fenced with steep Rocks, that oppose the violence of the Sea, which continually rage against it, being driven with the constant Trade-wind, and on that side there is no anchoring. The West side is pretty low, and full of small sandy Bays, divided with as many rocky points. The Soil of the Island is reddish, dry, and indifferent fruitful. The Fruits are chiefly Rice, Pine-apples, Water-melons, Musk-melons, Oranges and Limes, Coco-nuts, and a sort of Fruit called by us Bread-fruit.

The Coco-nut Trees grow by the Sea, on the Western side in great groves, 3 or 4 miles in length, and a mile or 2 broad. This Tree is in shape like the Cabbage-tree, and at a distance they are not to be known each from other, only the Coco-nut Tree is fuller of Branches; but the Cabbage-tree generally is much higher, though the Coco-nut Trees in some places are very high.

The Nut or Fruit grows at the head of the Tree, among the Branches and in clusters, 10 or 12 in a cluster. The Branch to which they grow is about the bigness of a mans arm, and as long, running small towards the end. It is of a yellow colour, full of knots, and very tough. The Nut is generally bigger than a mans head. The outer Rind is near 2 inches thick, before you come to the Shell;

An. 1686 the Shell it self is black, thick, and very hard. The Kernel in some Nuts is near an inch thick, sticking to the inside of the Shell clear round, leaving a hollow in the middle of it, which contains about a pint, more or less, according to the bigness of the Nut; for some are much bigger than others.

This Cavity is full of sweet, delicate, wholesom, and refreshing Water. While the Nut is growing, all the inside is full of this Water, without any Kernel at all; but as the Nut grows towards its maturity, the Kernel begins to gather and settle round on the inside of the Shell, and is soft like Cream; and as the Nut ripens, it increaseth in substance and becomes hard. The ripe Kernel is sweet enough, but very hard to digest, therefore seldom eaten, except by strangers, who know not the effects of it; but while it is young and soft like pap, some men will eat it, scraping it out with a spoon, after they have drunk the water that was within it. I like the Water best when the Nut is almost ripe, for it is then sweetest and briskest.

When these Nuts are ripe and gathered, the outside Rind becomes of a brown rusty colour; so that one would think that they were dead and dry: yet they will sprout out like Onions, after they have been hanging in the Sun 3 or 4 months, or thrown about in a House or Ship, and if planted afterward in the Earth, they will grow up to a Tree. Before they thus sprout out, there is a small spongy round knob grows in the inside, which we call an Apple: This at first is no bigger than the top of ones finger, but increaseth daily, sucking up the Water till it is grown so big as to fill up the Cavity of the Coco-nut; and then it begins to sprout forth. By this time the Nut that was hard, begins to grow oily and soft, thereby giving passage to the sprout that springs from the Apple,

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Apple, which Nature hath so contrived, that it points to the hole in the Shell, (of which there are 3, till it grows ripe, just where it's fastened by its Stalk to the Tree; but one of these hoies remains open even when it is ripe,) through which it creeps and spreads forth its Branches. You may let these teeming Nuts sprout out a foot and half or 2 foot high before you plant them, for they will grow a great while like an Onion out of their own substance.

Beside the Liquor or Water in the Fruit, there is also a sort of VVine drawn from the Tree called Toddy, which looks like VVhey. It is sweet and very pleasant, but it is to be drunk within 24 hours after it is drawn, for afterwards it grows sowre. Those that have a great many Trees, draw a spirit from the sowre Wine, called Arack. Arack is distill'd also from Rice, and other things in the *East Indies*; but none is so much esteemed for making Punch as this sort, made of Toddi, or the sap of the Coco-nut Tree, for it makes most delicate Punch; but it must have a dash of Brandy to hearten it, because this Arack is not strong enough to make good Punch of it self. This sort of Liquor is chiefly used about *Goa*; and therefore it has the name of *Goa Arack*. The way of drawing the Toddi from the Tree, is by cutting the top of a Branch that would bear Nuts; but before it has any Fruit: and from thence the Liquor which was to feed its Fruit, distils into the hole of a Callabash that is hung upon it. This Branch continues running almost as long as the Fruit would have been growing, and then it dries away. The Tree hath usually 3 fruitful Branches, which if they be all tapp'd thus, then the Tree bears no Fruit that year; but if one or two only be tapp'd, the other will bear Fruit all the while. The Liquor which is thus drawn is emptied out of the

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An. 1686 Callabash duly morning and evening, so long as it continues running, and is sold every morning and evening in most Towns in the *East Indies*, and great gains is produced from it even this way; but those that distil it and make Arack, reap the greatest profit. There is also great profit made of the Fruit, both of the Nut and the Shell.

The Kernel is much used in making Broath. When the Nut is dry they take off the husk, and giving two good blows on the middle of the Nut, it breaks in two equal parts, letting the Water fall on the ground; then with a small iron Rasp made for the purpose, the Kernel or Nut is rasped out clean, which being put into a little fresh Water, makes it become white as Milk. In this milky Water they boil a Fowl, or any sort of Flesh, and it makes very savory Broath. *English* Seamen put this Water into boil'd Rice, which they eat instead of Rice-milk, carrying Nuts purposely to Sea with them. This they learn from the Natives.

But the greatest use of the Kernel is to make Oyl, both for burning and for frying. The way to make the Oyl is to grate or rasp the Kernel, and steep it in fresh water; then boil it, and scum off the Oil at top as it rises: but the Nuts that make the Oyl ought to be a long time gathered, so as that the Kernel may be turning soft and oily.

The Shell of this Nut is used in the *East Indies* for Cups, Dishes, Ladles, Spoons, and in a manner for all eating and drinking Vessels. Well-shaped Nuts are often brought home to *Europe*, and much esteemed. The husk of the Shell is of great use to make Cables; for the dry husk is full of small strings and threads, which being beaten, become soft, and the other substance which was mixt among it falls away like Saw-dust, leaving only the strings. These are afterwards spun into long yarns, and twisted up into balls for convenience; and many of these

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Rope-yarns joyned together make good Cables. *An. 1686*
 This Manufactory is chiefly used at the *Maldives*
 Islands, and the threads sent in balls into all places
 that trade thither, purposely for to make Cables. I
 made a Cable at *Acbin* with some of it. These are
 called *Coire* Cables: they will last very well. But
 there is another sort of *Coire* Cables (as they are
 called) that are black, and more strong and lasting;
 and are made of strings that grow, like Horse hair,
 at the heads of certain Trees, almost like the Coco-
 nut-tree. This sort comes most from the Island *Ti-*
mor. In the *South Seas* the *Spaniards* do make Oakum
 to chalk their Ships with the husk of the Coco-nut,
 which is more serviceable than that made of hemp,
 and they say it will never rot. I have been told by
 Captain *Knox*, who wrote the Relation of *Ceylon*,
 that in some places of *India* they make a sort of
 coarse Cloath of the husk of the Coco-nut, which
 is used for Sails. I my self have seen a sort of coarse
 Sail-cloath made of such a kind of substance: but
 whether the same or no I know not.

I have been the longer on this subject, to give the
 Reader a particular Account of the use and profit
 of a Vegetable, which is possibly of all others the
 most generally serviceable to the conveniencies, as
 well as the necessities of humane Life. Yet this
 Tree, that is of such great use, and esteemed so
 much in the *East Indies*, is scarce regarded in the
West Indies, for want of the knowledge of the bene-
 fit which it may produce. And 'tis partly for the
 sake of my Countrymen in our *American* Planta-
 tions that I have spoken so largely of it. For the
 hot Climates there are a very proper soil for it: and
 indeed it is so hardy both in the raising it, and
 when grown, that it will thrive as well in dry sandy
 ground as in rich land. I have found them grow-
 ing very well in low sandy Islands (on the West of
Sumatra) that are over-flowed with the Sea every

An. 1686 Spring-tide; and though the Nuts there are not very big, yet this is no loss; for the Kernel is thick and sweet, and the Milk, or Water in the inside, is more pleasant and sweet than of the Nuts that grow in rich ground, which are commonly large indeed, but not very sweet. These at *Guam* growing in dry ground are of a middle size, and I think the sweetest that I did ever taste. Thus much for the Coco-nut.

The Lime is a sort of bastard or Crab-limon. The Tree, or Bush that bears it is prickly, like a Thorn, growing full of small boughs. In *Jamaica*, and other places, they make of the Lime-Bush Fences about Gardens, or any other Inclosure, by planting the seeds close together, which growing up thick, spread abroad, and make a very good Hedge. The Fruit is like a Lemon, but smaller; the rind thin, and the inclosed substance full of juice. The juice is very tart, yet of a pleasant taste if sweetned with Sugar. It is chiefly used for making Punch, both in the *East* and *West Indies*, as well ashore as at Sea, and much of it is for that purpose yearly brought home to *England* from our *West India* Plantations. It is also used for a particular kind of Sauce, which is called Pepper-Sauce, and is made of Cod-pepper, commonly called *Guinea-pepper*, boiled in Water, and then pickled with Salt, and mixt with Lime-juice to preserve it. Limes grow plentifully in the *East* and *West Indies* within the Tropicks.

The Bread-fruit (as we call it) grows on a large Tree, as big and high as our largest Apple-trees. It hath a spreading head full of branches, and dark leaves. The Fruit grows on the boughs like Apples: it is as big as a Penny Loaf when Wheat is at 5 Shillings the Bushel. It is of a round shape, and hath a thick tough rind. When the Fruit is ripe it is yellow and soft; and the taste is sweet and

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and pleasant. The Natives of this Island use it for Bread: they gather it when full grown, while it is green and hard; then they bake it in an Oven, which scorseth the rind and makes it black: but they scrape off the outside black crust, and there remains a tender thin crust, and the inside is soft, tender and white like the crumb of a Penny Loaf. There is neither seed nor stone in the inside, but all is of a pure substance like Bread: it must be eaten new; for if it is kept above 24 hours, it becomes dry, and eats harsh and choaky; but 'tis very pleasant before it is too stale. This Fruit lasts in season 8 months in the year, during which time the Natives eat no other sort of food of Bread kind. I did never see of this Fruit any where but here. The Natives told us, that there is plenty of this Fruit growing on the rest of the *Ladron* Islands: and I did never hear of any of it any where else.

They have here some Rice also: but the Island being of a dry soil, and therefore not very proper for it, they do not sow very much. Fish is scarce about this Island: yet on the Shore that our Bark came over there was great plenty, and the Natives commonly go thither to fish.

The natives of this Island are strong bodied, large limb'd and well shap'd. They are Copper-coloured, like other *Indians*: their hair is black and long, their Eyes meanly proportioned; they have pretty high Noses; their Lips are pretty full, and their Teeth indifferent white. They are long visaged, and stern of countenance; yet we found them to be affable and courteous. They are many of them troubled with a kind of a Leprosie. This distemper is very common at *Mindanao*: therefore I shall speak more of it in my next Chapter. They of *Guam* are otherwise very healthy, especially in the dry season: but in the wet season, which comes in in *June*, and holds till *October*, the air is more thick

An. 1686 thick and unwholsome; which occasions Fevers: but the rains are not violent nor lasting. For the Island lyes so far Westerly from the *Philippine* Islands, or any other Land, that the Westerly winds do seldom blow so far; and when they do, they do not last long: but the Easterly Winds do constantly blow here, which are dry and healthy; and this Island is found to be very healthful, as we were informed while we lay by it. The natives are very ingenious beyond any people, in making Boats, or Proes, as they are called in the *East Indies*, and therein they take great delight. These are built sharp at both ends; the bottom is of one piece, made like the bottom of a little Canoa, very neatly dug, and left of a good substance. This bottom part is instead of a Keel. It is about 26 or 28 foot long; the under part of this Keel is made round, but inclining to a wedge and smooth; and the upper part is almost flat, having a very gentle hollow, and is about a foot broad: From hence both sides of the Boat are carried up to about 5 foot high with narrow plank, not above 4 or 5 inches broad, and each end of the Boat turns up round, very prettily. But what is very singular, one side of the Boat is made perpendicular, like a Wall, while the other side is rounding, made as other Vessels are, with a pretty full belly. Just in the middle it is about 4 or 5 foot broad aloft, or more according to the length of the Boat. The Mast stands exactly in the middle, with a long Yard that peeks up and down like a Mizen-yard. One end of it reacheth down to the end or head of the Boat, where it is placed in a notch, that is made there purposely to receive it, and keep it fast. The other end hangs over the stern: To this yard the sail is fastened. At the foot of the sail there is another small yard, to keep the sail out square, and to roll up the sail on when it blows hard: for it serves instead of a reef

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reef to take up the sail to what degree they please, *An. 1686*
 according to the strength of the Wind. Along the belly-side of the Boat, parallel with it at about 6 or 7 foot distance, lies another small Boat, or Canoa, being a Log of very light Wood, almost as long as the great Boat, but not so wide; being not above a foot and an half wide at the upper part, and very sharp like a wedge at each end. And there are two Bamboos of about 8 or 10 foot long, and as big as ones Leg, placed over the great Boats side, one near each end of it, and reaching about 6 or 7 foot from the side of the Boat: by the help of which the little Boat is made firm and contiguous to the other. These are generally called by the *Dutch*, and by the *English* from them, *Out-lagers*. The use of them is to keep the great Boat upright from over-setting; because the Wind here being in a manner constantly East (or if it were at West it would be the same thing) and the Range of these Islands, where their business lies to and fro, being mostly North and South, they turn the flat side of the Boat against the Wind upon which they sail, and the belly-side, consequently, with its little Boat, is upon the Lee: and the Vessel having a Head at each end, so as to sail with either of them foremost (indifferently) they need not tack, or go about, as all our Vessels do, but each end of the Boat serves either for head or stern as they please. When they ply to windward, and are minded to go about, he that steers bears away a little from the Wind, by which means the stern comes to the Wind; which is now become the head, only by shifting the end of the yard. This Boat is steered with a broad Paddle, instead of a Rudder. I have been the more particular in describing these Boats, because I do believe they sail the best of any Boats in the world. I did here for my own satisfaction try the swiftness of one of them: sailing
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An. 1686 by our Log, we had 12 knots on our reel, and she run it all out before the half minute glass was half out; which, if it had been no more, is after the rate of 12 mile an hour; but I do believe she would have run 24 mile an hour. It was very pleasant to see the little Boat running along so swift by the others side.

The Native *Indians* are not less dexterous in managing than in building these Boats. By report, they will go from hence to another of the *Ladron* Islands about 30 leagues off, and there do their business, and return again in less than 12 hours. I was told that one of these Boats was sent Express to *Manila*, which is above 400 leagues, and performed the Voyage in 4 days time. There are of these Proes or Boats used in many places of the *East Indies*, but with a Belly and a little Boat on each side. Only at *Mindanao* I saw one like these with the belly and little Boat only on one side, and the other flat, but not so neatly built.

The *Indians* of *Guam* have neat little Houses, very handsomely thatch'd with Palmeto-thatch. They inhabit together in Villages built by the Sea, on the West side, and have *Spanish* Priests to instruct them in the Christian Religion.

The *Spaniards* have a small Fort on the West side, near the South end, with 6 Guns in it. There is a Governour, and 20 or 30 *Spanish* Souldiers. There are no more *Spaniards* on the Island, beside 2 or 3 Priests. Not long before we arriv'd here the Natives rose on the *Spaniards* to destroy them, and did kill many: but the Governour with his Souldiers at length prevailed, and drove them out of the Fort: So when they found themselves disappointed of their intent, they destroyed the Plantations and stock, and then went away to other Islands. There were then 3 or 400 *Indians* on this Island; but now there are not above 100; for all that were in

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in this Conspiracy went away. As for these who yet remain, if they were not actually concerned in that broil, yet their hearts also are bent against the *Spaniards*: for they offered to carry us to the Fort, and assist us in the Conquest of the Island; but *C. Swan* was not for molesting the *Spaniards* here.

Before we came to an anchor here one of the Priests came aboard in the night with 3 *Indians*. They first hailed us to know from whence we came, and what we were; to whom answer was made in *Spanish*, that we were *Spaniards*, and that we came from *Acapulco*. It being dark they could not see the make of our Ship, nor very well discern what we were. Therefore they came aboard: but perceiving the mistake that they were in, in taking us for a *Spanish* Ship, they endeavoured to get from us again; but we held their Boat fast, and made them come in. Captain *Swan* received the Priest with much civility, and conducting him into the great Cabin declared, that the reason of our coming to this Island was want of Provision, and that he came not in any hostile manner, but as a friend to purchase with his Money what he wanted: and therefore desired the Priest to write a Letter to the Governor, to inform him what we were, and on what account we came. For having him now aboard, the Captain was willing to detain him as an Hostage, till we had Provision. The *Padre* told Captain *Swan* that Provision was now scarce on the Island: but he would engage, that the Governour would do his utmost to furnish us.

In the morning the *Indians*, in whose Boat or Prow the Frier came aboard, were sent to the Governour with 2 Letters; one from the Frier, and another very obliging one from Captain *Swan*, and a Present of 4 yards of Scarlet-cloath, and a piece of broad Silver and Gold Lace: The Governour lives near the South end of the Island on the West side;

An. 1686 side; which was about 5 leagues from the place where we were; therefore we did not expect an answer till the evening, not knowing then how nimble they were. Therefore when the *Indian* Canoa was dispatched away to the Governor, we hoisted out 2 of our Canoas, and sent one a fishing and the other ashore for Coco-nuts. Our fishing Canoa got nothing: but the Men that went ashore for Coco-nuts came off laden.

About 11 a clock, that same morning, the Governor of the Island sent a Letter to Captain *Swan*, complimenting him for his Present, and promising to support us with as much Provision as he could possibly spare; and as a token of his gratitude, he sent a Present of 6 Hogs, of a small sort, most excellent Meat, the best, I think, that ever I eat: they are fed with Coco-nuts, and their flesh is hard as Brisket Beef. They were doubtless of that breed in *America* which came originally from *Spain*. He sent also 12 Muskmelons, larger than ours in *England*, and as many Water-melons, both sorts here being a very excellent Fruit; and sent an order to the *Indians* that lived in a Village not far from our Ship, to bake every day as much of the Bread-fruit as we did desire, and to assist us in getting as many dry Coco-nuts as we would have; which they accordingly did, and brought off the Bread-fruit every day hot, as much as we could eat. After this the Governour sent every day a Canoa or two with Hogs and Fruit, and desired for the same, Powder, Shot, and Arms; which was sent according to his request. We had a delicate large *English* Dog which the Governour did desire, and had it given him very freely by the Captain, though much against the grain of many of his Men, who had a great value for that Dog. Captain *Swan* endeavoured to get this Governours Letter of Recommendation to some Merchants at *Manila*, for he

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had then a design to go to Fort St. George, and from thence intended to trade to Manila: but this his design was concealed from the company. While we lay here the *Acapulco Ship* arrived in sight of the Island, but did not come in sight of us: for the Governour sent an *Indian* Proe with advice of our being here. Therefore she stood off to the Southward of the Island, and coming foul of the same shoale that our Bark had run over before, was in great danger of being lost there; for she struck off her Rudder, and with much ado got clear; but not till after three days labour. For tho' the shoale be so near the Island, and the *Indians* go off and fish there every day, yet the Master of the *Acapulco Ship*, who should (one would think) know these parts, was utterly ignorant of it. This their striking on the shoale we heard afterward, when we were on the Coast of *Manila*; but these *Indians* of *Guam* did speak of her being in sight of the Island while we lay there: which put our men in a great heat to go out after her; but Captain *Swan* perswaded them out of that humour, for he was now wholly averse to any hostile action.

The 30th day of *May* the Governour sent his last Present, which was some Hogs, a Jar of pickled Mangoes, a Jar of excellent pickled Fish, and a Jar of fine Rusk, or Bread of fine Wheat Flower, baked like Bisket, but not so hard. He sent besides 6 or 7 packs of Rice, desiring to be excused from sending any more Provision to us, saying he had no more on the Island that he could spare. He sent word also that the West Monsoon was at hand; that therefore it behoved us to be jogging from hence, unless we were resolved to return back to *America* again. Captain *Swan* returned him thanks for his kindness and advice, and took his leave; and the same day sent the Frier ashore that was seized on at our first arrival, and gave him a large
Brass

An. 1686 Brass Clock, an Astralobe, and a large Telescope: for which Present the Frier sent us aboard 6 Hogs, and a roasting Pig, 3 or 4 Bushels of Potatoes, and 50 l. of *Manila* Tobacco. Then we prepared to be gone, being pretty well furnished with Provision to carry us to *Mindanao*, where we designed next to touch. We took aboard us as many Coco-nuts as we could well stow, and we had a good stock of Rice, and about 50 Hogs in Salt.

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C H A P. XI.

They resolve to go to Mindanao. Their departure from Guam. Of the Philippine Islands. The Isle Luconia, and its chief Town and Port, Manila, Manila, or Manilbo. Of the rich Trade we might establish with these Islands. St. Johns Island. They arrive at Mindanao. The Island described. Its Fertility. The Libby Trees, and the Sago made of them. The Plantain Tree, Fruit, Liquor, and Cloth. A smaller Plantain at Mindanao. The Bonano. Of the Clove-bark, Cloves and Nutmegs, and the Methods taken by the Dutch to monopolize the Spices. The Betel-nut, and Arek tree. The Durian, and the Jaca-tree and Fruit. The Beasts of Mindanao. Centapes or Forty Legs, a venomous Insect, and others. Their Fowls, Fish, &c. The Temperature of the Climate, with the Course of the Winds, Tornadoes, Rain, and Temper of the Air throughout the year.

C H A P.

While we lay at *Guam* we took up a Resolution of going to *Mindanao*, one of the *Philippine* Islands, being told by the *Frier* and others, that it was exceedingly well stored with Provisions; that the Natives were *Mahometans*, and that they had formerly a Commerce with the *Spaniards*; but that now they were at wars with them. This Island was therefore thought to be a convenient place for us to go to: for besides that it was in our way

An. 1686 way to the *East Indies*, which we had resolved to visit; and that the *Westerly Monsoon* was at hand, which would oblige us to shelter some where in a short time, and that we could not expect good Harbours in a better place than in some of the Islands as *Mindanao*: besides all this, I say, the Inhabitants of *Mindanao* being then, as we were told (tho' falsely) at Wars with the *Spaniards*, our Men, who it should seem were very squeamish of plundering without Licence, derived hopes from thence of getting a Commission there from the Prince of the Island to plunder the *Spanish Ships* about *Manila*, and so to make *Mindanao* their common Rendezvous. And if Captain *Swan* was minded to go to an *English Port*, yet his Men, who thought he intended to leave them, hoped to get Vessels and Pilots at *Mindanao* fit for their turn, to cruise on the Coast of *Manila*. As for Captain *Swan*, he was willing enough to go thither, as best suiting his own design: and therefore this Voyage was concluded on by general consent.

Accordingly *June 2d*, 1686. we left *Guam*, bound for *Mindanao*. We had fair weather, and a pretty smart gale of Wind at East, for 3 or 4 days, and then it shifted to the S.W. being rainy, but it soon came about again to the East, and blew a gentle gale; yet it often shuffled about to the S.E. For though in the *East Indies* the Winds shift in *April*, yet we found this to be the shifting season for the Winds here; the other shifting season being in *October* sooner or later, all over *India*. As to our course from *Guam* to the *Philippine Islands*, we found it (as I intimated before) agreeable enough with the account of our common Draughts.

The 21st day of *June* we arrived at the Island *St. John*, which is one of the *Philippine Islands*. The *Philippines* are a great company of large Islands, taking up about 13 deg. of Lat. in length, reaching

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near upon, from 5 d. of North Lat. to the 19th de-
gree, and in breadth about 6 deg. of Longitude.
They derive this Name from *Philip* the 2d, King of
Spain; and even now they do most of them belong
to that Crown.

The chiefest Island in this range is *Luconia*, which
lies on the North of them all. At this Island *Magellan*
died in the Voyage that he was making round the
World. For after he had past those Streights be-
tween the South end of *America* and *Terra del Fuego*,
which now bear his Name, and had ranged down
in the *South Seas* on the back of *America*; from thence
stretching over to the *East Indies*, he fell in with the
Ladrone Islands, and from thence steering East still,
he fell in with these *Philippine* Islands, and anchored
at *Luconia*; where he warr'd with the native *Indi-*
ans, to bring them in obedience to his master the
King of *Spain*, and was by them kill'd with a poi-
soned Arrow. It is now wholly under the *Spani-*
ards, who have several Towns there. The chief
is *Manilo*, which is a large Sea-port Town near the
S. E. end, opposite to the Island *Mindora*. It is a
place of great strength and trade: The two great
Acapulco Ships before-mentioned fetching from
thence all sorts of *East-India* commodities; which
are brought hither by foreigners, especially by the
Chinese, and the *Portuguese*. Sometimes the *Engliski*
Merchants of *Fort St. George* send their Ships hither
as it were by stealth, under the charge of *Portu-*
guese Pilots and Mariners: for as yet we cannot
get the *Spaniards* there to a commerce with us or
the *Dutch*, although they have but few Ships of
their own. This seems to arise from a jealousy,
fear of discovering the riches of these Islands;
most, if not all the *Philippine* Islands, are rich
in Gold; and the *Spaniards* have no place of much
strength in all these Islands that I could ever hear
besides *Manilo* it self. Yet they have Villages.

An. 1686 and Towns on several of the Islands, and Padres or Priests to instruct the native *Indians*, from whom they get their Gold.

The *Spanish* Inhabitants, of the smaller Islands especially, would willingly trade with us if the Government was not so severe against it; for they have no goods but what are brought from *Manila* at an extraordinary dear rate. I am of the opinion, that if any of our Nations would seek a trade with them, they would not lose their labour; for the *Spaniards* can and will Smuggle (as our Sea-men call Trading by stealth) as well as any Nation that I know; and our *Jamaicans* are to their profit sensible enough of it. And I have been informed, that Captain *Goodlud* of *London*, in a Voyage which he made from *Mindanao* to *China*, touch'd at some of these Islands, and was civilly treated by the *Spaniards*, who bought some of his Commodities, giving him a very good price for the same.

There are about 12 or 14 more large Islands lying to the Southwards of *Luconia*; most of which as I said before, are inhabited by the *Spaniards*. Besides these there are an infinite number of small Islands of no account, and even the great Islands many of them, are without Names; or at least variously set down, that I find the same Island named by divers Names.

The Island *St. John* and *Mindanao* are the Southernmost of all these Islands, and are the only Islands in all this Range that are not subject to the *Spaniards*.

St. Johns Island is on the East side of the *Mindanao*, and distant from it 3 or 4 leagues. It is in latitude about 7 or 8 North. This Island is in length about 38 leagues, stretching N. N. W. and S. S. E. and it is in breadth about 24 leagues, in the middle of the Island. The Northernmost end is broader, and the Southernmost is narrower: This Island is of

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good heighth, and is full of many small hills. The Land at the South East end (where I was ashore) is of a black fat mould; and the whole Island seems to partake of the same fatness, by the vast number of large Trees that it produceth: for it looks all over like one great Grove.

As we were passing by the S. E. end we saw a Canoa of the Natives under the shore: therefore one of our Canoas went after to have spoken with her; but she run away from us, seeing themselves chased, put their Canoa ashore, leaving her fled into the Woods; nor would be allured to come to us, altho we did what we could to entice them: besides these Men we saw no more here, nor sign of any Inhabitants at this end.

When we came aboard our Ship again we steered away for the Island *Mindanao*, which was now fair in sight of us: it being about 10 leagues distant from this part of *St. Johns*. The 22d day we came within a league of the East side of the Island *Mindanao*, and having the Wind at S.E. we steered toward the North end, keeping on the East side, till we came into the lat. of 7 d. 40 m. and there we anchored in a small Bay, about a mile from the shore, in 10 fathom Water, rocky foul ground.

Some of our Books gave us an account, that *Mindanao* City and Isle lies in 7 d. 40 m. we guess that the middle of the Island might lye in this lat. but we were at a great loss where to find the City, whether on the East or West side. Indeed, had it been a small Island, lying open to the Eastern Wind, we might probably have searched first on the West side; for commonly the Islands within the Tropicks, or within the bounds of the Trade Winds have their Harbours on the West side, as best sheltered: but the Island *Mindanao* being guarded on the East side by *St. Johns* Island, we might as reasonably expect to find the Harbour and City on

An. 1686 this side, as any where else: but coming into the lat. in which we judg'd the City might be, found no Canoas, or People, that might give us any umbrage of a City, or place of Trade near at hand, though we coasted within a league of the shore.

The Island *Mindanao* is the biggest of all the *Philippin*: Islands, except *Luconja*. It is about 60 leagues long, and 40 or 50 broad. The South end is in about 5 d. N. and the N. W. end reacheth almost to 8 d. N. It is a very mountainous Island, full of Hills and Valleys. The Mould in general is deep and black, and extraordinary fat and fruitful. The sides of the Hills are stony, yet productive enough of very large tall Trees. In the heart of the Country there are some Mountains that yield good Gold. The Valleys are well moistned with pleasant Brooks, and small Rivers of delicate Water; and have Trees of divers sorts flourishing and green all the year. The Trees in general are very large, and most of them are of kinds unknown to us.

There is one sort which deserves particular notice; called by the Natives *Libby* Trees. These grow wild in great Groves of 5 or 6 mile long, by the sides of the Rivers. Of these Trees Sago is made, which the poor Country People eat instead of Bread 3 or 4 months in the year. This Tree for its body and shape is much like the *Palmeto*-tree, or the *Cabbage* tree, but not so tall as the latter. The Bark and Wood is hard and thin like a Shell, and full of white Pith, like the Pith of an Elder. This Tree they cut down, and split it in the middle, and scrape out all the Pith; which they beat lustily with a wooden Pestle in a great Mortar or Trough, and then put into a Cloth or Strainer held over a Trough; and pouring Water in among the Pith, they stir it about in the Cloth: so the Water carries all the substance of the Pith through the Cloth down into the Trough, leaving nothing in

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the Cloth but a light sort of Husk, which they throw away; but that which falls into the Trough settles in a short time to the bottom like Mud; and then they draw off the Water, and take up the muddy Substance, wherewith they make Cakes; which being baked proves very good Bread.

The *Mindanao* People live 3 or 4 months of the year on this food for their Bread kind. The Native *Indians* of *Teranate*, and *Tidore*, and all the *Spice Islands*, have plenty of these Trees, and use them for food in the same manner; as I have been inform'd by Mr. *Caril Rosy*, who is now Commander of one of the Kings Ships. He was one of our company at this time; and being left with Captain *Swan* at *Mindanao*, went afterwards to *Teranate*, and lived there among the *Dutch* a year or two. The Sago which is transported into other parts of the *East Indies*, is dried in small pieces like little Seeds or Comfits, and commonly eaten with Milk of Almonds by those that are troubled with the Flux; for it is a great binder, and very good in that distemper.

In some places of *Mindanao* there is plenty of Rice; but in the hilly Land they plant Yams, Potatoes, and Pumpkins; all which thrive very well. The other Fruits of this Island are Water-Melons, Musk-Melons, Plantains, Bonanoes, Guava's, Nutmegs, Cloves, Betel-nuts, Durians, Jacks, or Jaca's, Coco-nuts, Oranges, &c.

The Plantain I take to be the King of all Fruit, not except the Coco it self. The Tree that bears this Fruit is about 3 foot, or 3 foot and an half round, and about 10 or 12 foot high. These Trees are not raised from seed, (for they seem not to have any) but from the roots of other old Trees. If these young suckers are taken out of the ground, and planted in another place, it will be 15 months before they bear, but if let stand in their own native

An. 1686 Soil they will bear in 12 months. As soon as the Fruit is ripe the Tree decays, but then there are many young ones growing up to supply its place. When this Tree first springs out of the ground, it comes up with 2 leaves, and by that time it is a foot high, two more springs up in the inside of them; and in a short time after two more within them, and so on. By that time the Tree is a month old you may perceive a small body almost as big as ones Arm, and then there are 8 or 10 leaves, some of them 4 or 5 foot high. The first leaves that it shoots forth are not above a foot long, and half a foot broad; and the stem that bears them no bigger than ones finger; but as the Tree grows higher the leaves are larger. As the young leaves spring up in the inside, so the old leaves spread off, and their tops droop downward, being of a greater length and breadth by how much they are nearer the root, and at last decay and rot off; but still there are young leaves spring up out of the top, which makes the Tree look always green and flourishing. When the Tree is full grown the leaves are 7 or 8 foot long, and a foot and half broad; towards the end they are smaller and end with a round point. The stem of the leaf is as big as a mans Arm, almost round, and about a foot in length, between the leaf and the body of the Tree. That part of the stem which comes from the Tree, if it be the outside leaf, seems to inclose half the body as it were with a thick hide, and right against it on the other side of the Tree, is another such answering to it. The next two leaves in the inside of these grow opposite to each other, in the same manner, but so that if the 2 outward grow North and South, these grow East and West, and those still within them keep the same order. Thus the body of this Tree seems to be made up of many thick skins, growing one over another, and when it is full grown, there springs

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springs out of the top a strong stem, harder in substance than any other part of the body. This stem shoots forth at the heart of the Tree, is as big as a mans Arm, and as long; and the Fruit grows in clusters round it, first blossoming, and then shooting forth the Fruit. It is so excellent that the *Spaniards* give it the preheminance of all other Fruit, as most conducing to Life. It grows in a Cod about 6 or 7 inches long, and as big as a mans Arm. The Shell, Rind or Cod, is soft, and of a yellow colour when ripe. It resembles in shape a Hogsgut pudding. The inclosed Fruit is no harder than Butter in Winter, and is much of the colour of the purest yellow Butter. It is of a delicate taste, and melts in ones mouth like Marmalade. It is all pure pulp, without any Seed, Kernel or Stone. This Fruit is so much esteemed by all *Europeans* that settle in *America*, that when they make a new Plantation, they commonly begin with a good Plantain-walk, as they call it, or a Field of Plantains; and as their family increaseth, so they augment the Plantain-walk, keeping one man purposely to prune the Trees, and gather the Fruit as he sees convenient. For the Trees continue bearing, some or other, most part of the year; and this is many times the whole food on which a whole Family subsists. They thrive only in rich fat ground, for poor sandy will not bear them. The *Spaniards* in their Towns in *America*, as at *Havana*, *Cartagena*, *Portabel*. &c. have their Markets full of Plantains, it being the common food for poor people: Their common price is half a Rial, or 3 s. a dozen. When this Fruit is only used for Bread, it is roasted or boiled when it's just full grown, but not yet ripe, or turn'd yellow. Poor people, or Negroes, that have neither Fish nor Flesh to eat with it, make Sauce with Cod-pepper, Salt and Lime-juice: which makes it eat very favory; much better than a crust of Bread alone. Sometimes for

An. 1686 a change they eat a roasted Plantain, and a ripe raw Plantain together, which is instead of Bread and Butter. They eat very pleasant .so, and I have made many a good meal in this manner. Sometimes our *English* take 6 or 7 ripe Plantains, and mashing them together, make them into a lump, and boyl them instead of a Bag-pudding; which they call a Buff-Jacket: and this is a very good way for a change. This Fruit makes also very good Tarts: and the green Plantains sliced thin, and dryed in the Sun, and grated, will make a sort of flour which is very good to make Puddings. A ripe Plantain sliced and dryed in the Sun may be preserved a great while; and then eats like Figs, very sweet and pleasant. The *Darien Indians* preserve them a long time, by drying them gently over the fire; mashing them first, and moulding them into lumps. The *Moskito Indians* will take a ripe Plantain and roast it; then take a pint and half of Water in a Calabash, and squeeze the Plantain in pieces with their hands, mixing it with the Water; then they drink it all off together: this they call *Mishlaw*, and it's pleasant and sweet and nourishing; somewhat like Lambs-wool (as 'tis call'd) made with Apples and Ale: and of this Fruit alone many thousands of *Indian Families in the West Indies* have their whole subsistence. When they make drink with them, they take 10 or 12 ripe Plantains and mash them well in a Trough: then they put two gallons of Water among them; and this in two hours time will ferment and froth like Wort: In 4 hours it is fit to drink; and then they bottle it and drink it as they have occasion: But this will not keep above 24 or 30 hours. Those therefore that use this drink brew it in this manner every morning. When I went first to *Jamaica* I could relish no other drink they had there. It drinks brisk and cool, and is very pleasant. This drink is windy; and so is the fruit eaten raw: but boyl'd

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boyl'd or roasted it is not so. If this drink is kept above 30 hours it grows sharp: but if then it be put out into the Sun, it will become very good Vinegar. This fruit grows all over the *West Indies* (in the proper Climates) at *Guinea*, and in the *East Indies*.

As the Fruit of this Tree is of great use for food, so is the Body no less serviceable to make cloaths; but this I never knew till I came to this Island. The ordinary People of *Mindanao* do wear no other cloath. The Tree never bearing but once, and so being fell'd when the Fruit is ripe; they cut it down close by the ground, if they intend to make Cloath with it. One blow with a Macheas, or Long Knife, will strike it asunder: then they cut off the top, leaving the Trunk 8 or 10 foot long, stripping off the outer Kind, which is thickest towards the lower end; having stript 2 or 3 of these Rinds, the Trunk becomes in a manner all of one bigness, and of a whitish colour: Then they split the Trunk in the middle, which being done, they split the 2 halves again, as near the middle as they can. This they leave in the Sun 2 or 3 days, in which time part of the juicy substance of the Tree dries away, and then the ends will appear full of small threads. The women, whose employment it is to make the Cloath, take hold of those threads one by one, which rend away easily from one end of the Trunk to the other, in bigness like whited brown thread, for the threads are naturally of a determinate bigness, as I observed their Cloath to be all of one substance and equal fineness; but tis stubborn when new, wears out soon, and when wet feels a little slimy. They make their pieces 7 or 8 yards long, their warp and woof all one thickness and substance.

There is another sort of Plantains in that Island, which are shorter and less than the others, which I never saw any where but here. These are full

of

An. 1686 of black Seeds mixt quite through the Fruit. They are binding, and are much eaten by those that have Fluxes. The Country people gave them us for that use, and with good success.

The *Bonano* Tree is exactly like the Plantain for shape and bigness, nor easily distinguishable from it but by its Fruit, which is a great deal smaller and not above half so long as a Plantain, being also more mellow and soft, less luscious, yet of a more delicate taste. They use this for the making drink oftner than Plantains, and it is best when used for drink, or eaten as Fruit; but it is not so good for Bread, nor doth it eat well at all when roasted or boiled; so 'tis only necessity that makes any use it this way. They grow generally where Plantains do, being set intermixt with them purposely in their Plantain-walks. They have plenty of Clove-bark, of which I saw a Ship-load, and as for Cloves, *Raja Laut*, whom I shall have occasion to mention, told me, that if the *English* would settle there, they could order matters so in a little time, as to send a Ship load of Cloves from thence every year. I have been informed that they grow on the boughs of a Tree about as big as a Plumb-tree, but I never happened to see any of them.

I have not seen the Nutmeg-trees any where; but the Nutmegs this Island produces are fair and large, yet they have great store of them, being unwilling to propagate them or the Cloves, for fear that should invite the *Dutch* to visit them, and bring them into subjection, as they have done the rest of the Neighbouring Islands where they grow. For the *Dutch* being seated among the Spice-Islands, have monopolized all the Trade into their own hands, and will not suffer any of the Natives to dispose of it, but to themselves alone. Nay, they are so careful to preserve it in their own hands, that they will not suffer the Spice to grow in the

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uninhabited Islands; but send Soldiers to cut the Trees down. Caprain *Rofy* told me, that while he lived with the *Dutch*, he was sent with other men to cut down the Spice Trees; and that he himself did at several times cut down 7 or 800 Trees. Yet altho the *Dutch* take such care to destroy them, there are many uninhabited Islands that have great plenty of Spice-trees, as I have been informed by *Dutch-men* that have been there, particularly by a Captain of a *Dutch* Ship that I met with at *Achin*, who told me, that near the Island *Banda* there is an Island where the Cloves falling from the Trees do lye and rot on the ground, and they are at the time when the Fruit falls, 3 or 4 inches thick under the Trees. He and some others told me, that it would not be a hard matter for an *English* Vessel to purchase a Ships Cargo of Spice, of the Natives of some of these Spice Islands.

He was a free Merchant that told me this. For by that name the *Dutch* and *English* in the *East Indies*, distinguish those Merchant who are not Servants to the Company. The free Merchants are not suffered to Trade to the Spice Islands, nor to many other places where the *Dutch* have Factories; but on the other hand, they are suffered to Trade to some places where the *Dutch* Company themselves may not Trade, as to *Achin* particularly, for there are some Princes in the *Indies*, who will not Trade with the Company for fear of them. The Sea-men that go to the Spice Islands are obliged to bring no Spice from thence for themselves, except a small matter for their own use, about a pound or two. Yet the masters of those Ships do commonly so order their business, that they often secure a good quantity, and send it ashore to some place near *Batavia*, before they come into that Harbour, (for it is always brought thither first before it's sent to *Europe*,) and if they meet any Vessel at Sea that will

Apr. 1686 will buy their Cloves, they will sell 10 or 15 Tuns out of 100, and yet seemingly carry their complement to *Batarvia*; for they will pour water among the remaining part of their Cargo, which will swell them to that degree, that the Ships hold will be as full again, as it was before any were sold. This trick they use whenever they dispose of any clandestinely, for the Cloves when they first take them in are extraordinary dry; and so will imbibe a great deal of moisture. This is but one instance, of many hundreds, of little deceitful arts the *Dutch* Seamen in these parts have among them, of which I have both seen and heard several. I believe there are no where greater Thieves; and nothing will persuade them to discover one another; for should any do it, the rest would certainly knock him on the head. But to return to the products of *Min-danao*.

The *Betel* Nut is much esteemed here, as it is in most places of the *East Indies*. The *Betel*-tree grows like the Cabbage-tree, but it is not so big, nor so high. The body grows straight, about 12 or 14 foot high, without Leaf or Branch, except at the head. There it spreads forth long Branches like other Trees of the like nature, as the Cabbage-tree, the Coco-nut Tree, and the Palm. These Branches are about 10 or 12 foot long, and their stems near the head of the Tree, as big as a mans Arm. On the top of the Tree among the Branches, the *Betel*-nut grows on a tough stem, as big as a mans Finger, in clusters much as the Coco-nuts do, and they grow 40 or 50 in a cluster. This Fruit is bigger than a Nutmeg, and is much like it, but rounder. It is much used all over the *East Indies*. The way is to cut it in four pieces, and wrap one of them up in an *Areck* leaf, which they spread with a soft paste made of Lime or Plaister, and then chew it altogether.

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Every man in these parts carries his Lime box by his side, and dipping his finger into it, spreads his Betel and Arek leaf with it. The Arek is a small Tree or Shrub, of a green Bark, and the Leaf is long and broader than a Willow. They are packt up to sell into parts that have them not, to chew with the Betel. The Betel-nut is most esteem'd when it is young, and before it grows hard, and then they cut it only in two pieces with the green husk or shell on it. It is then exceeding juicy, and therefore makes them spit much. It tastes rough in the mouth, and dyes the Lips red, and makes the Teeth black, but it preserves them and cleanseth the Gums. It is also accounted very wholesom for the Stomach; but sometimes it will cause great giddiness in the head of those that are not use to chew it. But this is the effect only of the old Nut, for the young Nuts will not do it. I speak of my own experience.

This Island produceth also Durians and Jacks. The Trees that bear the Durians, are as big as Apple Trees, full of Boughs. The Rind is thick and rough; the Fruit is so large that they grow only about the Bodies, or on the Limbs near the Body, like the Cacao. The Fruit is about the bigness of a large Pumkin, covered with a thick green rough Rind. When it is ripe the Rind begins to turn yellow, but it is not fit to eat till it opens at the top. Then the Fruit in the inside is ripe, and sends forth an excellent scent. When the Rind is opened, the Fruit may be split into 4 quarters; each quarter hath several small cells; that inclose a certain quantity of the Fruit, according to the bigness of the cell, for some are larger than others. The largest of the Fruit may be as big as a Pullets Egg: 'Tis as white as Milk, and as soft as Cream, and the taste very delicious to those that are accustomed to them; but those who have not been used

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An. 1686 used to eat them, will dislike them at first, because they smell like roasted Onions. This Fruit must be eaten in its prime, (for there is no eating of it before it is ripe) and even then 'twill not keep above a day or two before it putrifies, and turns black, or of a dark colour, and then it is not good. Within the Fruit there is a stone as big as a small Bean, which hath a thin shell over it. Those that are minded to eat the Stones or Nuts, roast them, and then a thin shell comes off, which incloses the Nut; and it eats like a Chafanut.

The Jack or Jaca is much like the Durian, both in bigness and shape. The Trees that bear them also are much alike, and so is their manner of the Fruits growing. But the inside is different; for the Fruit of the Durian is white, that of the Jack is yellow, and fuller of Stones. The Durian is most esteemed; yet the Jack is very pleasant Fruit, and the Stones or Kernels are good roasted.

There are many other sorts of Grain, Roots and Fruits in this Island, which to give a particular description of, would fill up a large Volume.

In this Island are also many sorts of Beasts, both wild and tame; as Horses, Bulls, and Cows, Buffaloes, Goats, Wild-hogs, Deer, Monkies, Guano's, Lizards, Snakes, &c. I never saw or heard of any Beasts of Prey here, as in many other places. The Hogs are ugly Creatures; they have all great Knobs growing over their Eyes, and there are multitudes of them in the Woods. They are commonly very poor, yet sweet. Deer are here very plentiful in some places, where they are not disturbed.

Of the venomous kind of Creatures here are Scorpions, whose sting is in their Tail, and Centapees call'd by the *English* 40 Legs, both which are also common in the *West Indies*, in *Jamaica*, and elsewhere. These Centapees are 4 or 5 inches long, as big as

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a Goose quill, but flattish; of a dun or reddish colour on the Back, but Belly whitish, and full of Legs on each side the Belly. Their sting or bite is more raging than the Scorpion. They lye in old Houses, and dry Timber. There are several sorts of Snakes; some very poisonous. There is another sort of Creature like a Guano both in colour and shape, but 4 times as big, whose Tongue is like a small Harpoon, having two beards like the beards of a Fishhook. They are said to be very venomous, but I know not their names. I have seen them in other places also, as at *Pulo Condore*, or the Island *Condore*, and at *Achin*, and have been told that they are in the Bay of *Bengal*.

The Fowls of this Country are Ducks and Hens: Other tame Fowl I have not seen nor heard of any. The wild Fowl are Pidgeons, Parrots, Parakits, Turtle-dove, and abundance of small Fowls. There are Bats as big as a Kite.

There are a great many Harbours, Creeks, and good Bays for Ships to ride in; and Rivers navigable for Canoas, Proes or Barks, which are all plentifully stored with Fish of divers sorts, so is also the adjacent Sea. The chiefest Fish are Bonetas, Snooks, Cavally's, Bremes, Mulletts, 10 Ponders, &c. Here are also plenty of Sea Turtle, and small Manatee, which are not near so big as those in the *West Indies*. The biggest that I saw would not weigh above 600l. but the flesh both of the Turtle and Manatee are very sweet.

The weather at *Mindanao* is temperate enough as to heat, for all it lies so near the Equator; and especially on the borders near the Sea. There they commonly enjoy the breezes by day, and cooling Land-winds at night. The Winds are Easterly one part of the year, and Westerly the other. The Easterly winds begin to set in *October*, and it is the middle of *November* before they are settled.

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An. 1686 These Winds bring fair weather. The Westerly Winds begin to blow in *May*, but are not settled till a month afterwards. The West Winds always bring Rain, Tornadoes, and very tempestuous Weather. At the first coming in of these Winds they blow but faintly; but then the Tornadoes rise one in a day, sometimes two. These are Thunder-showers which commonly come against the Wind, bringing with them a contrary Wind to what did blow before. After the Tornadoes are over, the Wind shifts about again, and the Sky becomes clear, yet then in the Valleys and the sides of the Mountains, there riseth a thick fog, which covers the Land. The Tornadoes continue thus for a week or more; then they come thicker, 2 or 3 in a day, bringing violent gusts of Wind, and terrible claps of Thunder. At last they come so fast, that the Wind remains in the quarter from whence these Tornadoes do rise, which is out of the West, and there it settles till *October* or *November*. When these Westward Winds are thus settled, the Sky is all in mourning, being covered with black Clouds, pouring down excessive Rains, sometimes mixt with Thunder and Lightning, that nothing can be more dismal. The Winds raging to that degree, that the biggest Trees are torn up by the Roots, and the Rivers swell and overflow their Banks, and drown the low Land, carrying great Trees into the Sea. Thus it continues sometimes a week together, before the Sun or Stars appear. The fiercest of this weather is in the latter end of *July* and in *August*, for then the Towns seem to stand in a great Pond, and they go from one house to another in Canoes. At this time the Water carries away all the filth and nastiness from under their Houses. Whilst this tempestuous season lasts, the weather is cold and chilly. In *September* the weather is more moderate, and the Winds are not so fierce,

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The Wind and Weather.

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fierce, nor the Rain so violent. The Air thence-
forward begins to be more clear and delightful; ;
but then in the morning there are thick Fogs, con-
tinuing till 10 or 11 a clock before the Sun shines
out, especially when it has rained in the night. In
October the Easterly Winds begin to blow again, and
bring fair weather till *April*. Thus much concern-
ing the natural state of *Mindanao*.

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C H A P. XII.

Of the Inhabitants, and Civil State of the Isle of Mindanao. The Mindanayans, Hilanoones, Sologues, and Alfoorees. Of the Mindanayans, properly so called: Their Manners and Habits. The Habits and Manners of their Women. A Comical Custom at Mindanao. Their Houses, their Diet, and Washings. The Languages spoken there, and transactions with the Spaniards. Their fear of the Dutch, and seeming desire of the English. Their Handy crafts, and peculiar sort of Smiths Bellows. Their Shipping, Commodities, and Trade. The Mindanao and Manila Tobacco. A sort of Leprosie there, and other Distempers. Their Marriages. The Sultan of Mindanao, his Poverty, Power, Family, &c. The Proes or Boats here. Raja Laut the General, Brother to the Sultan, and his Family. Their way of fighting. Their Religion. Raja Laut's Devotion. A Clock or Drum in their Mosques. Of their Circumcision, and the Solemnity then used. Of other their Religious Observations and Superstitions. Their abhorrence of Swines Flesh, &c.

THIS Island is not subject to one Prince, neither is the Language one and the same; but the People are much alike, in colour, strength, and stature. They are all or most of them of

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one Religion, which is Mahometanism, and their customs and manner of living are alike. The *Mindanao* people more particularly so called, are the greatest Nation in the Island, and trading by Sea with other Nations, they are therefore the more civil. I shall say but little of the rest, being less known to me, but so much as hath come to my knowledge, take as follows. There are besides the *Mindanayans*, the *Hilanoones*, (as they call them) or the *Mountaniers*, the *Sologues*, and *Alfoorees*.

The *Hilanoones* live in the heart of the Country: They have little or no commerce by Sea, yet they have Proe's that row with 12 or 14 Oars apiece. They enjoy the benefit of the Gold Mines; and with their Gold buy foreign Commodities of the *Mindanao* people. They have also plenty of Bees Wax, which they exchange for other Commodities.

The *Sologues* inhabit the N. W. end of the Island. They are the least Nation of all; they Trade to *Manila* in Proe's, and to some of the neighbouring Islands, but have no commerce with the *Mindanao* people.

The *Alfoorees* are the same with the *Mindanayans*, and were formerly under the subjection of the Sultan of *Mindanao*, but were divided between the Sultan's Children, and have of late had a Sultan of their own; but having by Marriage contracted an alliance with the Sultan of *Mindanao*, this has occasioned that Prince to claim them again as his Subjects; and he made War with them a little after we went away, as I afterwards understood.

The *Mindanayans* properly so called, are men of mean statures; small Limbs, streight Bodies, and little Heads. Their Faces are oval, their Foreheads flat, with black small Eyes, short low Noses, pretty large Mouths; their Lips thin and red, their Teeth black, yet very sound, their Hair

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1686 black and straight, the colour of their Skin taw-
 ney, but inclining to a brighter yellow than some
 other *Indians*, especially the Women. They have
 a custom to wear their Thumb-nails very long,
 especially that on their left Thumb, for they do
 never cut it but scrape it often. They are indued
 with good natural Wits, are ingenious, nimble, and
 active, when they are minded; but generally very
 lazy and thievish, and will not work except forc-
 ed by hunger. This laziness is natural to most
Indians; but these people's laziness seems rather to
 proceed not so much from their natural inclinati-
 ons, as from the severity of their Prince, of whom
 they stand in great awe: For he dealing with them
 very arbitrarily, and taking from them what they
 get, this damps their industry, so they never strive
 to have any thing but from hand to mouth. They
 are generally proud, and walk very stately. They
 are civil enough to strangers, and will easily be
 acquainted with them, and entertain them with
 great freedom; but they are implacable to their
 Enemies, and very revengeful if they are injured,
 frequently poisoning secretly those that have af-
 fronted them.

They wear but few Cloaths; their Heads are
 circled with a short Turbat, fringed or laced at
 both ends; it goes once about the head, and is
 tied in a knot, the laced ends hanging down.
 They wear Frocks and Breeches, but no Stockings
 nor Shoes.

The Women are fairer than the Men; and their
 Hair is black and long: which they tie in a knot,
 that hangs back in their poles. They are more
 round visaged than the Men, and generally well
 featured; only their Noses are very small, and so
 low between their Eyes, that in some of the Fe-
 male Children the rising that should be between
 the Eyes is scarce discernable; neither is there any
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sensible rising in their Foreheads. At a distance they appear very well; but being nigh, these Impediments are very obvious. They have very small Limbs. They wear but two Garments; a Frock, and a sort of Petticoat: the Petticoat is only a piece of Cloth, sowed both ends together: but it is made 2 foot too big for their Wastes, so that they may wear either end uppermost: that part that comes up to their Wastes, because it is so much too big, they gather it in their Hands, and twist it till it sits close to their Wastes, tucking in the twisted part between their Waste and the edge of the Petticoat, which keeps it close. The Frock sits loose about them, and reaches down a little below the Waste. The Sleeves are a great deal longer than their Arms, and so small at the end, that their Hands will scarce go through. Being on, the Sleeve sits in folds about the wrist, wherein they take great pride.

The better sort of people have their garments made of long Cloath; but the ordinaty sort wear Cloth made of Plantain-tree, which they call *Saggen*; by which Name they call the Plantain. They have neither Stocking nor Shooe, and the Women have very small Feet.

The Women are very desirous of the company of Strangers, especially of White Men; and doubtless would be very familiar, if the Custom of the Country did not debar them from that freedom, which seems coveted by them. Yet from the highest to the lowest they are allowed liberty to converse with, or treat. Strangers in the sight of their Husbands.

There is a kind of begging Custom at *Mindanao*, that I have not met elsewhere with in all my Travels; and which I believe is owing to the little Trade they have; which is thus: When Strangers arrive here, the *Mindanao* Men will come aboard;

A. 1686 and invite them to their Houses, and inquire who has a *Comrade*, (which word I believe they have from the *Spaniards*) or a *Pagally*, and who has not. A *Comrade* is a familiar Male-friend; a *Pagally* is an innocent Platonick Friend of the other Sex. All Strangers are in a manner oblig'd to accept of this Acquaintance and Familiarity, which must be first purchas'd with a small Present, and afterwards confirmed with some Gift or other to continue the Acquaintance: and as often as the Stranger goes ashore, he is welcome to his *Comrade* or *Pagally's* House, where he may be entertained for his Money, to eat, drink, or sleep; and complimented, as often as he comes ashore, with Tobacco and Betel nut, which is all the Entertainment he must expect *gratis*. The richest Mens Wives are allowed the freedom to converse with her *Pagally* in publick, and may give or receive Presents from him. Even the Sultans and the Generals Wives, who are always coopt up, will yet look out of their Cages when a Stranger passeth by, and demand of him if he wants a *Pagally*: and to invite him to their Friendship, will send a Present of Tobacco and Betel-nut to him by their Servants.

The chiefest City on this Island is called by the same Name of *Mindanao*. It is seated on the South side of the Island, in lat. 7 d. 20 m. N. on the banks of a small River, about 2 mile from the Sea. The manner of building is somewhat strange; yet generally used in this part of the *East Indies*. Their Houses are all built on Posts, about 14, 16, 18, or 20 foot high. These Posts are bigger or less, according to the intended Magnificence of the Superstructure. They have but one floor, but many partitions, or rooms, and a ladder or stairs to go up out of the streets. The roof is large, and covered with Palmeto or Palm-leaves. So there is a clear passage like a Piazza (but a filthy one) under the House.

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House. Some of the poorer People that keep Ducks ^{An. 1686} or Hens, have a fence made round the posts of their Houses, with a door to go in and out; and this under-room serves for no other use. Some use this place for the common draught of their Houses; but building mostly close by the River in all parts of the Indies, they make the River receive all the filth of their Houses; and at the time of the Land-floods, all is washed very clean.

The Sultans House is much bigger than any of the rest. It stands on about 180 great Posts or Trees, a great deal higher than the common Building, with great broad stairs made to go up. In the first room he hath about 20 Iron Guns, all Saker and Minion, placed on Field-Carriages. The General, and other great Men have some Guns also in their Houses. About 20 paces from the Sultan's House there is a small low House, built purposely for the Reception of Ambassadors, or Merchant Strangers. This also stands on Posts, but the floor is not raised above 3 or 4 foot above the ground, and is neatly matted purposely for the Sultan and his Council to sit on; for they use no Chairs, but sit cross-legg'd like Taylors on the floor.

The common Food at *Mindanao* is Rice, or Sago, and a small Fish or two. The better sort eat Buffalo, or Fowls ill drest, and abundance of Rice with it. They use no Spoons to eat their Rice, but every Man takes a handful out of the Platter, and by wetting his Hand in Water, that it may not stick to his Hand; squeezes it into a lump, as hard as possibly he can make it, and then crams it into his mouth. They all strive to make these lumps as big as their mouths can receive them; and seem to vie with each other, and glory in taking in the biggest lump; so that sometimes they almost choak themselves. They always wash after meals, or if they touch any thing that is unclean; for which reason they

An. 1686 they spend abundance of Water in their Houses. This Water, with the washing of their Dishes, and what other filth they make, they pour down near their Fire-place: for their Chambers are not boarded, but floored with split Bamboos, like Laths, so that the Water presently falls underneath their dwelling rooms, where it breeds Maggots, and makes a prodigious stink. Besides this filthiness, the sick people ease themselves, and make water in their Chambers; there being a small hole made purposely in the floor, to let it drop through. But healthy sound people commonly ease themselves, and make water in the River. For that reason you shall always see abundance of people, of both Sexes, in the River, from morning till night; some easing themselves, others washing their bodies or cloaths. If they come into the River purposely to wash their cloaths, they strip and stand naked till they have done; then put them on, and march out again: both men and women take great delight in swimming, and washing themselves, being bred to it from their Infancy. I do believe it is very wholesome to wash mornings and evenings in these hot Countries, at least 3 or 4 days in the week: for I did use my self to it when I lived afterwards at *Ben-cooly*, and found it very refreshing and comfortable. It is very good for those that have Fluxes to wash and stand in the River mornings and evenings. I speak it experimentally; for I was brought very low with that distemper at *Achin*; but by washing constantly mornings and evenings I found great benefit, and was quickly cured by it.

In the City of *Mindanao* they spake two Languages indifferently; their own *Mindanao* Language, and the *Malaya*: but in other parts of the Island they speak only their proper Language, having little Commerce abroad. They have Schools, and instruct the Children to read and write, and bring

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bring them up in the *Mabometan* Religion. Therefore many of the words, especially their Prayers, are in *Arabick*; and many of the words of civility, the same as in *Turkey*: and especially when they meet in the morning, or take leave of each other, they express themselves in that Language.

Many of the old people both Men and Women can speak *Spanish*, for the *Spaniards* were formerly settled among them, and had several Forts on this Island; and then they sent two Friars to this City, to convert the Sultan of *Mindanao* and his people. At that time these people began to learn *Spanish*, and the *Spaniards* incroached on them and endeavoured to bring them into subjection; and probably before this time had brought them all under their yolk, if they themselves had not been drawn off from this Island to *Manila*, to resist the *Chinese*, who threatened to invade them there. When the *Spaniards* were gone, the old Sultan of *Mindanao*, Father to the present, in whose time it was, razed and demolished their Forts, brought away their Guns, and sent away the Friars, and since that time will not suffer the *Spaniards* to settle on the Islands.

They are now most afraid of the *Dutch*, being sensible how they have enslaved many of the neighbouring Islands. For that reason they have a long time desired the *English* to settle among them, and have offered them any convenient place to build a Fort in, as the General himself told us; giving this reason, that they do not find the *English* so incroaching, as the *Dutch* or *Spanish*. The *Dutch* are no less jealous of their admitting the *English*, for they are sensible what detriment it would be to them if the *English* should settle here.

There are but few Tradesmen at the City of *Mindanao*. The chiefest Trades are Goldsmiths, Blacksmiths, and Carpenters. There are but 2 or

An. 1686 ; Goldsmiths ; these will work in Gold or Silver, and make any thing that you desire : but they have no Shop furnished with Ware ready made for Sale. Here are several Blacksmiths who work very well, considering the Tools that they work with. Their Bellows are much different from ours. They are made of a wooden Cylinder, the trunk of a Tree, about 3 foot long, bored hollow like a Pump, and set upright on the ground, on which the Fire it self is made. Near the lower end there is a small hole, in the side of the trunk next the Fire, made to receive a Pipe, through which the wind is driven to the Fire by a great bunch of fine Feathers fastned to one end of the stick, which closing up the inside of the Cylinder, drives the air out of the Cylinder through the pipe : Two of these Trunks or Cylinders are placed so nigh together, that a Man standing between them may work them both at once, alternately, one with each hand. They have neither Vice nor Anvil, but a great hard Stone, or a piece of an old Gun, to hammer upon: yet they will perform their work making both common Utensils, and Iron-works about Ships to admiration. They work altogether with Charcoal. Every Man almost is a Carpenter, for they can all work with the Ax and Ads. Their Ax is but small, and so made, that they can take it out of the Helve, and by turning it make an Ads of it. They have no Saws ; but when they make Plank they split the Tree in two, and make a Plank of each part, planing it with the Ax and Ads. This requires much pains, and takes up a great deal of time ; but they work cheap, and the goodness of the Plank thus hewed, which hath its grain preserv'd entire, makes amends for their cost and pains.

They build good and serviceable Ships or Barks for the Sea ; some for Trade, others for Pleasure ; and some Ships of War. Their trading Vessels they send

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send chiefly to *Manila*. Thither they transport Bees-wax, which, I think, is the only Commodity, besides Gold, that they vend there. The Inhabitants of the City of *Mindanao* get a great deal of Bees-wax themselves: but the greatest quantity they purchase is of the Mountaneers, from whom they also get the Gold which they send to *Manila*; and with these they buy there Calicoes, Mullins, and *China* Silk. They send sometimes their Barks to *Borneo* and other Islands; but what they transport thither, or import from thence, I know not. The *Dutch* come hither in Sloops from *Ternate* and *Tidore*, and buy Rice, Bees-wax, and Tobacco: for here is a great deal of Tobacco grows on this Island, more than in any Island or Country in the *East Indies*, that I know of, *Manila* only excepted. It is an excellent sort of Tobacco; but these people have not the Art of managing this Trade to their best advantage, as the *Spaniards* have at *Manila*. I do believe the Seeds were first brought hither from *Manila* by the *Spaniards*, and even thither, in all probability, from *America*: the difference between the *Mindanao* and *Manila* Tobacco is, that the *Mindanao* Tobacco is of a darker colour, and the leaf larger and grosser than the *Manila* Tobacco, being propagated or planted in a fatter soil. The *Manila* Tobacco is of a bright yellow colour, of an indifferent size, not strong, but pleasant to smook. The *Spaniards* at *Manila* are very curious about this Tobacco, having a peculiar way of making it up neatly in the leaf. For they take 2 little sticks, each about a foot long and flat, and placing the stalks of the Tobacco-leaves in a row, 40 or 50 of them between the two sticks, they bind them hard together, so that the leaves hang dangling down. One of these bundles is sold for a Rial at *Fort St. George*: but you may have 10 or 12 pound of Tobacco at *Mindanao* for a Rial; and the Tobacco is

An. 1686 as good, or rather better than the *Manila Tobacco*, but they have not that vent for it as the *Spaniards* have.

The *Mindanao* people are much troubled with a sort of Leprosie, the same as we observed at *Guaro*. This distemper runs with a dry Scurf all over their bodies, and causeth great itching in those that have it, making them frequently scratch and scrub themselves, which raiseth the outer skin in small whitish flakes, like the scales of little Fish, when they are raised on end with a Knife. This makes their skin extraordinary rough, and in some you shall see broad white spots in several parts of their body. I judge such have had it, but are cured; for their skins were smooth, and I did not perceive them to scrub themselves: yet I have learnt from their own mouths that these spots were from this distemper. Whether they use any means to cure themselves, or whether it goes away of it self, I know not: but I did not perceive that they made any great matter of it, for they did never refrain any company for it; none of our people caught it of them, for we were afraid of it and kept off. They are sometimes troubled with the Small Pox, but their ordinary distempers are Fevers, Agues, Fluxes, with great pains, and gripings in their guts. The Country affords a great many Drugs and Medicinal Herbs, whose Virtues are not unknown to some of them that pretend to cure the sick.

The *Mindanao* Men have many Wives: but what Ceremonies are used when they marry I know not. There is commonly a great Feast made by the Bridegroom to entertain his Friends, and the most part of the night is spent in mirth.

The Sultan is absolute in his power over all his Subjects. He is but a poor Prince; for as I mentioned before, they have but little Trade, and therefore cannot be rich. If the Sultan understands that

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that any Man has Money, if it be but 20 Dollars, which is a great matter among them, he will send to borrow so much Money, pretending urgent occasions for it; and they dare not deny him. Sometimes he will send to sell one thing or another that he hath to dispose of, to such whom he knows to have Money, and they must buy it, and give him his price; and if afterward he hath occasion for the same thing, he must have it if he sends for it. He is but a little Man, between 50 and 60 years old, and by relation very good natured, but over-ruled by those about him. He has a Queen, and keeps about 20 Women, or Wives more, in whose company he spends most of his time. He has one Daughter by his Sultaneſs or Queen, and a great many Sons and Daughters by the rest. These walk about the streets, and would be always begging things of us; but it is reported, that the young Princess is kept in a room, and never stirs out, and that she did never see any Man but her Father and *Raja Laut* her Uncle, being then about 14 years old.

When the Sultan visits his Friends he is carried in a small Couch on 4 Mens shoulders, with 8 or 10 armed Men to guard him; but he never goes far this way: for the Country is very woody, and they have but little paths, which renders it the less commodious. When he takes his pleasure by Water, he carries some of his Wives along with him. The Proes that are built for this purpose, are large enough to entertain 50 or 60 persons, or more. The Hull is neatly built, with a round head and stern, and over the Hull there is a small flight house built with Bamboes; the sides are made up with split Bamboes about 4 foot high, with little Windows in them of the same, to open and shut at their pleasure. The roof is almost flat, neatly thatched with *Palmeto* leaves. This house is divided

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An. 1686 vided into 2 or 3 small Partitions or Chambers, one particularly for himself. This is neatly matted underneath, and round the sides; and there is a Carpit and Pillows for him to sleep on. The second Room is for his Women, much like the former. The third is for the Servants, who tend them with Tobacco and Betel-nut; for they are always chewing or smoaking. The fore and after parts of the Vessel are for the Mariners to sit and row. Besides this, they have Outlayers, such as those I described at *Guam*; only the Boats and Outlayers here are larger. These Boats are more round, like the Half-Moon almost; and the Bamboes or Outlayers that reach from the Boat are also crooked. Besides, the Boat is not flat on one side here, as at *Guam*; but hath a Belly and Outlayers on each side. and whereas at *Guam* there is a little Boat fasten'd to the Outlayers, that lies in the Water; the Beams or Bamboes here are fastned traversewise to the Outlayers on each side, and touch not the Water like Boats, but 1, 3 or 4 foot above the Water, and serve for the Barge-men to sit and row and paddle on; the inside of the Vessel, except only just afore and abaft, being taken up with the apartments for the Passengers. There run across the Outlayers two tire of Beams for the Paddlers to sit on, on each side the Vessel. The lower tire of these Beams is not above a foot from the water: so that upon any the least reeling of the Vessel, the Beams are dipt in the water, and the men that sit are wet up to their waste: their feet seldom escaping the water. And thus as all our Vessels are Rowed from within, these are Paddled from without.

The Sultan hath a Brother called *Raja Laut*, a brave man. He is the second man in the Kingdom. All strangers that come hither to trade must make their address to him, for all Sea affairs belong to him.

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him. He licenceth strangers to import or export any Commodity, and 'tis by his permission that the Natives themselves are suffered to trade: Nay the very Fishermen must take a permit from him: so that there is no man can come into the River or go out but by his leave. He is 2 or 3 years younger than the Sultan, and a little man like him. He has 8 Women, by some of whom he hath Issue. He hath only one Son, about 12 or 14 years old, who was Circumcised while we were there. His eldest Son died a little before we came hither, for whom he was still in great heaviness. If he had lived a little longer he should have married the young Princess; but whether this second Son must have her I know not, for I did never hear any discourse about it. *Raja Laut* is a very sharp man; he speaks and writes *Spanish*, which he learned in his youth. He has by often conversing with Strangers, got a great insight into the Customs of other Nations, and by *Spanish* Books has some knowledge of *Europe*. He is General of the *Mindanaians*, and is accounted an expert Soldier; and a very stout man; and the Women in their dances, sings many Songs in his praise.

The Sultan of *Mindanao* sometimes makes War with his Neighbours the *Mountaneers* or *Alfoors*: Their Weapons are Swords, Lances and some hand Cressets. The Cresset is a small thing like a Baggonet, which they always wear in War or Peace, at work or play, from the greatest of them to the poorest, and meanest persons. They do never meet each other so as to have a pitched Battle, but they build small Works or Forts of Timber, wherein they plant little Guns, and lye in sight of each other 2 or 3 months, skirmishing every day in small Parties, and sometimes surprizing a Breach-work; and whatever side is like to be worsted, if they have no probability to escape by flight, they

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An. 1686 sell their lives as dear as they can; for there is seldom any quarter given, but the Conquerour cuts and hacks his Enemies to pieces.

The Religion of these people is Mahometanism. *Friday* is their Sabbath; but I did never see any difference that they make between this day and any other day, only the Sultan himself goes then to his Mosque twice. *Raja Laut* never goes to the Mosque, but prays at certain hours, 8 or 10 times in a day; where-ever he is, he is very punctual to his Canonical hours, and if he be aboard will go ashore, on purpose to pray. For no business nor company hinders him from this Duty. Whether he is at home or abroad, in a house or in the field, he leaves all his Company and goes about 100 yards off, and there kneels down to his Devotion. He first kisses the ground, then prays aloud, and divers times in his Prayers he kisses the ground, and does the same when he leaves off: His Servants, and his Wives and Children talk and sing, or play how they please all the time, but himself is very serious. The meaner sort of people have little Devotion: I did never see any of them at their Prayers, or go into a Mosque.

In the Sultans Mosque there is a great Drum with but one Head, called a *Gong*; which is instead of a Clock. This *Gong* is beaten at 12 a Clock, at 3, 6, and 9; a man being appointed for that service. He has a stick as big as a mans arm, with a great knob at the end, bigger than a mans fist, made with Cotton, bound fast with small Cords: With this he strikes the *Gong* as hard as he can, about 20 strokes; beginning to strike leisurely the first 5 or 6 strokes; then he strikes faster, and at last strikes as fast as he can: and then he strikes again slower and slower so many more strokes: thus he rises and falls 3 times, and then leaves off till 3 hours after. This is done night and day.

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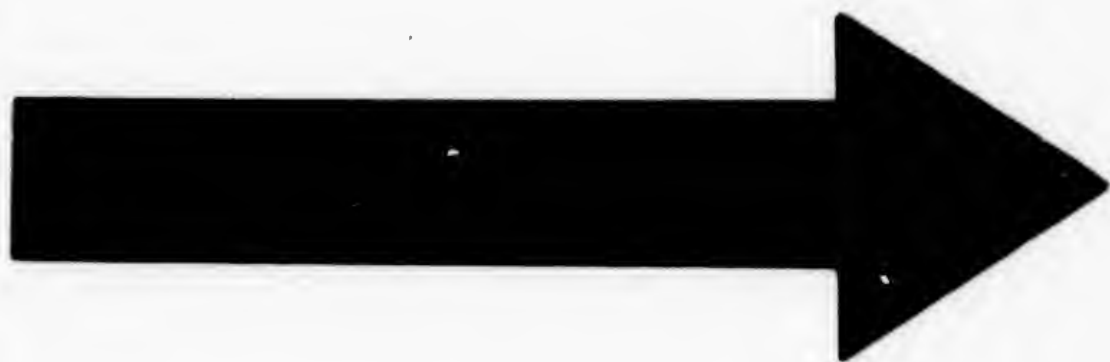
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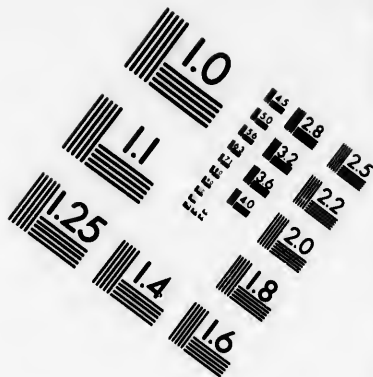
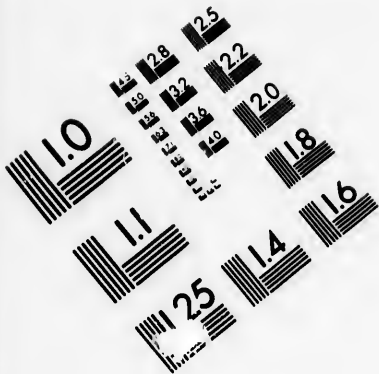
They circumcise the Males at 11 or 12 years of Age, or older; and many are circumcised at once. *An. 1686*
 This Ceremony is performed with a great deal of Solemnity. There had been no Circumcision for some years before our being here; and then there was one for *Raja Laut's* Son. They chuse to have a general Circumcision when the Sultan, or General, or some other great a person hath a Son fit to be circumcised; for with him great many more are circumcised. There is notice given about 8 or 10 days before for all Men to appear in Arms, and great preparation is made against the solemn day. In the morning before the Boys are circumcised, Presents are sent to the Father of the Child, that keeps the Feast; which, as I said before, is either the Sultan, or some great person: and about 10 or 11 a clock the *Mahometan* Priest does his Office. He takes hold of the fore-skin with two sticks, and with a pair of Scizzars snips it off. After this most of the Men, both in City and Country being in Arms before the House, begin to act as if they were engag'd with an Enemy, having such Arms as I described. Only one acts at a time, the rest make a great Ring of 2 or 300 yards round about him. He that is to exercise comes into the Ring with a great shriek or two, and a horrid look; then he fetches 2 or 3 large stately strides, and falls to work. He holds his broad Sword in one hand, and his Lance in the other, and traverses his ground, leaping from one side of the Ring to the other; and in a menacing posture and look, bids defiance to the Enemy, whom his fancy frames to him; for there is nothing but air to oppose him. Then he stamps and shakes his Head, and grinning with his Teeth, makes many ruful faces. Then he throws his Lance, and nimbly snatches out his Cresset, with which he hacks and hews the air like a mad man, often shrieking. At last, being almost tired with

An. 1686 motion, he flies to the middle of the Ring, where he seems to have his Enemy at his mercy; and with 2 or 3 blows cuts on the ground as if he was cutting off his Enemy's Head. By this time he is all of a sweat, and withdraws triumphantly out of the Ring, and presently another enters with the like shrieks and gestures. Thus they continue combating their imaginary Enemy all the rest of the day; towards the conclusion of which the richest men act, and at last the General, and then the Sultan concludes this Ceremony: He and the General with some other great Men, are in Armour, but the rest have none. After this the Sultan returns home, accompanied with abundance of people, who wait on him there till they are dismissed. But at the time when we were there, there was an after-game to be played; for the General's Son being then Circumcised, the Sultan intended to give him a second visit in the night; so they all waited to attend him thither. The General also provided to meet him in the best manner, and therefore desired Captain *Swan* with his men to attend him. Accordingly Captain *Swan* ordered us to get our Guns, and wait at the Generals house till further orders. So about 40 of us waited till 8 a clock in the evening: When the General with Captain *Swan*, and about 1000 men, went to meet the Sultan, with abundance of Torches that made it as light day. The manner of the march was thus: First of all there was a Pageant, and upon it two dancing Women gorgeously apparelled, with Coronets on their Heads, full of glistering Spangles, and Pendants of the same, hanging down over their Breast and Shoulders. These are Women bred up purposely for dancing: Their Feet and Legs are but little employed, except sometimes to turn round very gently; but their Hands, Arms, Head, and Body are in continual motion, especially

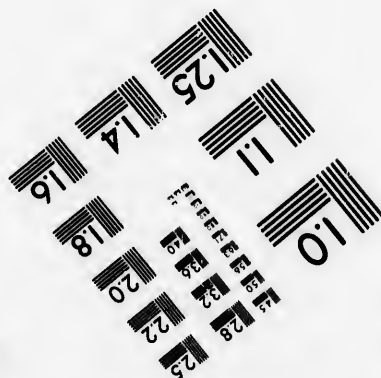
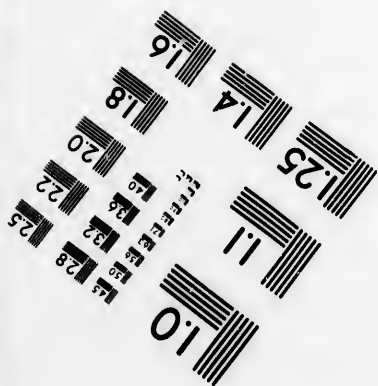
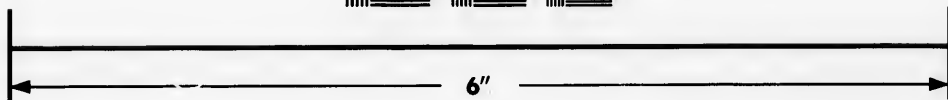
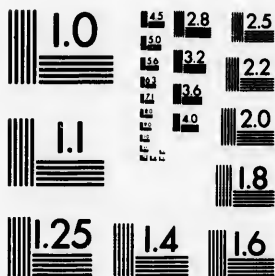
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ally their Arms, which they turn and twist so strangely, that you would think them to be made without Bones. Besides the two dancing Women, there were two old Women in the Pageant, holding each a lighted Torch in their Hands, close by the two dancing Women, by which light the glittering Spangles appeared very gloriously. This Pageant was carried by six lusty men: Then came 6 or 7 Torches, lighting the General and Captain *Swan*, who marched side by side next, and we that attended Captain *Swan* followed close after, marching in order 6 and 6 abreast, with each man his Gun on his Shoulder, and Torches on each side. After us came 12 of the Generals men with old *Spanish* Match-locks, marching 4 in a row. After them about 40 Lances, and behind them as many with great Swords, marching all in order. After them came abundance only with Crests by their sides, who marched up close without any order. When we came near the Sultans house, the Sultan and his men met us, and we wheeled off to let them pass. The Sultan had 3 Pageants went before him: In the first Pageant were 4 of his Sons, who were about 10 or 11 years old. They had gotten abundance of small Stones, which they roughly threw about on the peoples heads. In the next were 4 young Maidens, Nieces to the Sultan, being his Sisters Daughters; and in the 3d, there were 3 of the Sultans Children, not above 6 years old. The Sultan himself followed next, being carried in his Couch, which was not like your *Indian Palankins*, but open, and very little and ordinary. A multitude of people came after, without any order: but as soon as he was past by, the General, and Captain *Swan*, and all our men, closed in just behind the Sultan, and so all marched together to the Generals house. We came thither between 10 and 11 a clock, where the biggest part





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An. 1686 of the company were immediately dismiss'd ; but the Sultan and his Children, and his Nieces, and some other Persons of Quality, entred the Generals house. They were met at the head of the Stairs by the Generals women, who with a great deal of respect conducted them into the house. Captain *Swan*, and we that were with him followed after. It was not long before the General caused his dancing Women to enter the Room, and divert the company with that pastime. I had forgot to tell you that they have none but vocal Musick here, by what I could learn, except only a row of a kind of Bells without clappers, 16 in number, and their weight increasing gradually from about 3 to 10 pound weight. These were set in a row on a Table on the Generals House, where for 7 or 8 days together before the Circumcision day, they were struck each with a little stick, for the biggest part of the day, making a great noise, and they ceased that morning. So these dancing Women sung themselves, and danced to their own Musick. After this the General's Women, and the Sultans Sons, and his Nieces danced. Two of the Sultans Nieces were about 18 or 19 years old, the other two were 3 or 4 years younger. These young Ladies were very richly drest, with loose Garments of Silk, and small Coronets on their Heads. They were much fairer than any Women that I did ever see there, and very well featured ; and their Noses, tho' but small, yet higher than the other Womens, and very well proportioned. When the Ladies had very well diverted themselves and the company with dancing, the General caused us to fire some Sky-rockets, that were made by his and Captain *Swan's* order, purposely for this nights solemnity and after that the Sultan and his retinue went away with a few attendants, and we all broke up and thus ended this days solemnity: but the Boy

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being sore with their Amputation, went straddling *An. 1686*
for a fortnight after.

They are not, as I said before, very curious, or strict in observing any days, or times of particular Devotions, except it be the *Ramdam* time, as we call it. The *Ramdam* time was then in *August*, as I take it, for it was shortly after our arrival here. In this time they fast all day, and about 7 a clock in the evening, they spend near an hour in Prayer. Towards the latter end of their Prayer, they loudly invoke their Prophet, for about a quarter of an hour, both old and young bawling out very strangely, as if they intended to fright him out of his sleepiness or neglect of them. After their Prayer is ended, they spend some time in feasting before they take their repose. Thus they do every day for a whole month at least; for sometimes 'tis 2 or 3 days longer before the *Ramdam* ends: for it begins at the new Moon, and lasts till they see the next new Moon, which sometimes in thick hazy Weather is not till 3 or 4 days after the change, as it happen'd while I was at *Achin*, where they continued the *Ramdam* till the new Moons appearance. The next day after they have seen the new Moon, the Guns are all discharged about noon, and then the time ends.

A main part of their Religion consists in washing often, to keep themselves from being defiled; or after they are defiled to cleanse themselves again. They also take great care to keep themselves from being polluted, by tasting or touching any thing that is accounted unclean; therefore Swines flesh is very abominable to them; nay any one that hath either tasted of Swines flesh, or touched those Creatures, is not permitted to come into their Houses in many days after, and there is nothing will scare them more than a Swine. Yet there are wild Hogs in the Islands, and those so plentiful, that they will

An. 1686 come in Troops out of the Woods in the night into the very City, and come under their Houses, to romage up and down the filth that they find there. The Natives therefore would even desire us to lye in wait for the Hogs, to destroy them, which we did frequently, by shooting them and carrying them presently on board, but were prohibited their Houses afterwards.

And now I am on this subject, I cannot omit a story concerning the General. He once desired to have a pair of Shoes made after the *English* fashion, tho he did very seldom wear any: So one of our men made him a pair, which the General liked very well. Afterwards some body told him, that the Thread wherewith the Shoes were sowed, were pointed with Hogs bristles. This put him into a great passion; so he sent the Shoes to the man that made them, and sent him withal more Leather to make another pair, with Threads pointed with some other hair, which was immediately done, and then he was well pleased.

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C H A P. XIII.

Their coasting along the Isle of Mindanao, from a Bay on the East side to another at the S. E. end. Tornadoes and boisterous Weather. The S. E. Coast, and its Savannah and plenty of Deer. They coast along the South side to the River of Mindanao City, and anchor there. The Sultans Brother and Son come aboard them, and invite them to settle there. Of the Feasibleness and probable Advantage of such a Settlement, from the Neighbouring Gold and Spice Islands. Of the best way to Mindanao by the South Sea and Terra Australis; and of an accidental Discovery there by Captain Davis, and a probability of a greater. The capacity they were in to settle here. The Mindanaians measure their Ship. Captain Swan's Present to the Sultan: his Reception of it, and Audience given to Captain Swan, with Raja Laut, the Sultans Brother's Entertainment of him. The Contents of 2 English Letters shewn them by the Sultan of Mindanao. Of the Commodities, and the Punishment there. The Generals Caution how to demean themselves: at his Persuasion they lay up their Ships in the River. The Mindanaians Caresses. The great Rains and Floods at the City. The Mindanaians have Chinese Accomptants. How their Women dance. A Story of one John Thacker. Their Bark eaten up, and their Ship indanger'd by the Worm. Of the Worms

Two Islands at the S. E. of Mindanao.

Worms here and elsewhere. Of Captain Swan. Raja Laut, the General's, Deceitfulness. Hunting wild Kinc. The Prodigality of some of the English. Captain Swan treats with a young Indian of a Spice-Island. A Hunting Voyage with the General. His punishing a Servant of his. Of his Wives and Women. A sort of strong Rice Drink. The Generals foul Dealing and Exactions. Captain Swan's Uneasiness and indiscreet Management. His Men mutiny. Of a Snake twisting about one of their Necks. The main part of the Crew go away with the Ship, leaving Captain Swan and some of his Men: several others poisoned there.

HAVING in the two last Chapters given some account of the Natural, Civil, and Religious State of *Mindanao*, I shall now go on with the prosecution of our affairs during our stay there.

'Twas in a Bay on the N. East side of the Island that we came to an anchor, as hath been said. We lay in this Bay but one night, and part of the next day. Yet there we got speech with some of the Natives, who by signs made us understand, that the City *Mindanao* was on the West side of the Island. We endeavoured to perswade one of them to go with us to be our Pilot, but he would not: Therefore in the afternoon we loosed from hence, steering again to the South East, having the Wind at S. W. When we came to the S. E. end of the Island *Mindanao*, we saw two small Islands about 3 leagues distant from it. We might have passed between them and the main Island, as we learnt since but not knowing them, nor what dangers we might encounter there; we chose rather to sail to the Eastward of them. But meeting very strong Westerly Winds, we got nothing forward in many days.

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The Bay of Deer.

days. In this time we first saw the Islands *Meangis*, *An. 1686* which are about 16 leagues distant from the *Min-danoo*, bearing S. E. I shall have occasion to speak more of them hereafter.

The 4th day of *July* we got into a deep Bay, 4 leagues N. W. from the two small Islands before mentioned. But the night before, in a violent Tornado, our Bark being unable to beat any longer, bore away, which put us in some pain for fear she was overset, as we had like to have been ourselves. We anchored on the South West side of the Bay, in 15 fathom Water, about a Cables length from the shore. Here we were forced to shelter our selves from the violence of the Weather, which was so boisterous with Rains, and Tornadoes, and a strong Westerly Wind, that we were very glad to find this place to anchor in, being the only shelter on this side from the West Winds.

This Bay is not above two mile wide at the mouth, but farther in it is 3 leagues wide, and 7 leagues deep, running in N. N. W. There is a good depth of Water about 4 or 5 leagues in, but rocky foul ground for above 2 leagues in, from the mouth on both sides of the Bay, except only in that place where we lay. About 3 leagues in from the mouth, on the Eastern side, there are fair sandy Bays, and very good anchoring in 4, 5 and 6 fathom. The Land on the East side is high mountainous, and woody, yet very well watered with small Brooks, and there is one River large enough for Canoas to enter. On the West side of the Bay, the Land is of a mean heighth with a large Savannah, bordering on the Sea, and stretching from the mouth of the Bay, a great way to the Westward.

This Savannah abounds with long Grass, and it is plentifully stock'd with Deer. The adjacent Woods are a covert for them in the heat of the day: but mornings

An. 1686 mornings and evenings they feed in the open Plains, as thick as in our Parks in *England*. I never saw any where such plenty of wild Deer, tho I have met with them in several parts of *America*, both in the North and South Seas.

The Deer live here pretty peaceably and unmolested; for there are no Inhabitants on that side of the Bay. We visited this Savannah every morning, and killed as many Deer as we pleased, sometimes 16 or 18 in a day; and we did eat nothing but Venison all the time we staid here.

We saw a great many Plantations by the sides of the Mountains, on the East side of the Bay, and we went to one of them, in hopes to learn of the Inhabitants whereabouts the City was, that we might not over-fail it in the night: but they fled from us.

We lay here till the 12th day before the Winds abated of their fury, and then we sailed from hence, directing our course to the Westward. In the morning we had a Land Wind at North. At 11 a clock the Sea breeze came at West, just in our Teeth, but it being fair weather, we kept on our way, turning and taking the advantage of the Land breezes by night, and the Sea breezes by day.

Being now past the S. E. part of the Island, we coasted down on the South side, and we saw abundance of Canoas a fishing, and now and then a small Village. Neither were these Inhabitants afraid of us (as the former) but came aboard; yet we could not understand them, nor they us, but by signs; and when we mentioned the word *Mindanao*, they would point towards it.

The 18th day of *July* we arrived before the River of *Mindanao*; the mouth of which lies in lat. 6 d. 22 m. No. and is laid in 231 d. 12 m. Longitude West, from the *Lizard* in *England*. We anchored right against the River in 15 fathom water, clear

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Their Reception by the Mindanaianis.

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An. 1686

hard Sand ; about 2 miles from the shore, and 3 or 4 miles from a small Island, that lay without us to the Southward. We fired 7 or 9 Guns, I remember not well which ; and were answered again with 3 from the shore ; for which we gave one again. Immediately after our coming to an anchor *Raja Laut*, and one of the Sultans Sons came off in a Canoa, being rowed with 10 Oars, and demanded in *Spanish* what we were ? and from whence we came ? Mr. *Smith* (he who was taken Prisoner at *Leon in Mexico*) answered in the same Language, that we were *English*, and that we had been a great while out of *England*. They told us that we were welcom, and asked us a great many questions about *England* ; especially concerning our *East India* Merchants ; and whether we were sent by them to settle a Factory here ? Mr. *Smith* told them that we came hither only to buy provision. They seemed a little discontented when they understood that we were not come to settle among them : for they had heard of our arrival on the East side of the Island a great while before, and entertained hopes that we were sent purposely out of *England* hither to settle a trade with them ; which it should seem they are very desirous of. For Captain *Goodlud* had been here not long before to treat with them about it ; and when he went away told them (as they said) that in a short time they might expect an Ambassadour from *England*, to make a full bargain with them.

Indeed upon mature thoughts, I should think we could not have done better, than to have complied with the desire they seemed to have of our settling here ; and to have taken up our quarters among them. For as thereby we might better have consulted our own profit and satisfaction, than by the other loose roving way of life ; so it might probably have proved of publick benefit to our Nation, and been a means of introducing an
English

An. 1686 English Settlement and Trade, not only here, but through several of the Spice-Islands, which lye in its neighbourhood.

For the Islands *Meangis*, which I mentioned in the beginning of this Chapter, lye within 20 leagues of *Mindanao*. These are 3 small Islands that abound with Gold and Cloves, if I may credit my Author Prince *Jeoly*, who was born on one of them, and was at this time a Slave in the City of *Mindanao*. He might have been purchased by us of his Master for a small matter, as he was afterwards by Mr. *Moody*, (who came hither to Trade, and laded a Ship with Clove Bark) and by transporting him home to his own Country, we might have gotten a Trade there. But of Prince *Jeoly* I shall speak more hereafter. These Islands are as yet probably unknown to the *Dutch*, who as I said before, endeavour to ingross all the Spice into their own hands.

There was another opportunity offered us here of settling on another Spice Island that was very well inhabited: for the Inhabitants fearing the *Dutch*, and understanding that the *English* were settling at *Mindanao*, their Sultan sent his Nephew to *Mindanao* while we were there to invite us thither: Captain *Swan* conferr'd with him about it divers times, and I do believe he had some inclination to accept the offer; and I am sure most of the men were for it: but this never came to a head, for want of a true understanding between Captain *Swan* and his Men, as may be declared hereafter.

Beside the benefit which might accrue from this Trade with *Meangis*, and other the Spice Islands, the *Philippine* Islands themselves, by a little care and industry, might have afforded us a very beneficial Trade, and all these Trades might have been managed from *Mindanao*, by settling there first. For that Island lyeth very convenient for Trading
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either to the Spice Islands, or to the rest of the *An. 1686*
Philippine Islands; since as its Soil is much of the
 same nature with either of them, so it lies as it were
 in the Center of the Gold and Spice Trade in these
 parts: the Islands North of *Mindanao* abounding
 most in Gold, and those South of *Meangis* in
 Spice.

As the Island *Mindanao* lies very convenient for
 Trade, so considering its distance, the way thi-
 ther may not be over long and tiresome. The
 course that I would choose should be to set out of
England about the latter end of *August*, and to pass
 round *Terra del Fuego*, and so stretching over to-
 wards *New Holland*, coast it along that shore till I
 came near to *Mindanao*; or first I would coast
 down near the *American* shore, as far as I found
 convenient, and then direct my course according-
 ly for the Island. By this I should avoid coming near
 any of the *Dutch* settlements, and be sure to meet
 always with a constant brisk Easterly Trade Wind,
 after I was once past *Terra del Fuego*. Whereas in
 passing about the Cape of *Good Hope*, after you are
 shot over the *East Indian* Ocean, and are come to
 the Islands, you must pass thro the Streights of
Malacca or *Sundy*, or else some other Streights East
 from *Java*, where you will be sure to meet with
 Counter-winds, go on which side of the Equator
 you please; and this would require ordinarly 7
 or 8 months for the Voyage, but the other I
 should hope to perform in 6 or 7 at most. In your
 return from thence also you must observe the same
 Rule as the *Spaniards* do in going from *Manila* to
Acapulco; only as they run towards the North Pole
 for variable Winds, so you must run to the South-
 ward, till you meet with a Wind that will carry
 you over to *Terra del Fuego*. There are places e-
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n. 1686 ther side of *Terra Patagonica*; or, if you please, at the *Gallapagoes Islands*, where there is Refreshment enough; and returning you may probably touch somewhere on *New Holland*, and so make some profitable discovery in these places without going out of your way. And to speak my thoughts freely, I believe 'tis owing to the neglect of this easy way that all that vast Tract of *Terra Australis* which bounds the *South Sea* is yet undiscovered: those that cross that Sea seeming to design some business on the *Peruvian* or *Mexican Coast*, and so leaving that at a distance. To confirm which, I shall add what Captain *Davis* told me lately, that after his Departure from us at the Haven of *Ria Lexa* (as is mentioned in the 8th Chap.) he went, after several Traverses, to the *Gallapagoes*, and that standing thence Southward for Wind, to bring him about *Terra del Fuego*, in the Lat. of 27 South, about 500 leagues from *Copayapo*, on the Coast of *Chili*, he saw a small sandy Island just by him; and that they saw to the Westward of it a long tract of pretty high Land, tending away toward the North West out of sight. This might probably be the Coast of *Terra Australis Incognita*.

But to return to *Mindanao*; as to the capacity we were then in, of settling our selves at *Mindanao*, although we were not sent out of any such design of settling, yet we were as well provided, or better, considering all circumstances, than if we had. For there was scarce any useful Trade, but some or others of us understood it. We had Sawyers, Carpenters, Joyners, Brickmakers, Bricklayers, Shoemakers, Taylors, &c. we only wanted a good Smith for great work; which we might have had at *Mindanao*. We were very well provided with Iron, Lead, and all sorts of Tools, as Saws, Axes, Hammers, &c. We had Powder and Shot enough, and very good small Arms. If we had designed to

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build a Fort, we could have spared 8 or 10 Guns out of our Ship, and Men enough to have managed it, and any affair of Trade beside. We had also a great advantage above raw Men that are sent out of *England* into these places, who proceed usually too cautiously, coldly and formerly, to compass any considerable design, which Experience better teaches than any Rules whatsoever; besides the danger of their Lives in so great and sudden a change of Air: whereas we were all inured to hot Climates, hardned by many fatigues, and in general daring Men, and such as would not be easily baffled. To add one thing more, our Men were almost tired, and began to desire a *quietus est*; and therefore they would gladly have seated themselves any where. We had a good Ship too, and enough of us (beside what might have been spared to manage our new Settlement) to bring the News with the effects to the Owners in *England*: for Captain *Swan* had already 5000*l.* in Gold, which he and his Merchants received for goods sold mostly to Captain *Harris* and his men: which if he had laid but part of it out in Spice, as probably he might have done, would have satisfy'd the Merchants to their hearts content. So much by way of digression.

To proceed therefore with our first Reception at *Mindanao*, *Raja Laut* and his Nephew sat still in their Canoa, and would not come aboard us; because, as they said, they had no orders for it from the Sultan. After about half an hours discourse, they took their leaves; first inviting Captain *Swan* ashore, and promising him to assist him in getting provision; which they said at present was scarce, but in 3 or 4 months time the Rice would be gathered in, and then he might have as much as he pleased: and that in the mean time he might secure his Ship in some convenient place, for fear of the Westerly winds,

Dec. 1686 winds, which they said would be very violent at the latter end of this month, and all the next, as we found them.

We did not know the quality of these two persons till after they were gone; else we should have fir'd some Guns at their departure: When they were gone, a certain Officer under the Sultan came aboard, and measured our Ship. A custome derived from the *Chinese*, who always measured the length and breadth and the depth of the Hold of all Ships that come to load there; by which means they know how much each Ship will carry. But for what reason this Custom is used either by the *Chinese*, or *Mindanao* men, I could never learn; unless the *Mindanaoians* design by this means to improve their skill in Shipping, against they have a trade.

Captain *Swan*, considering that the season of the year would oblige us to spend some time at this Island, thought it convenient to make what interest he could with the Sultan; who might afterwards either obstruct, or advance his designs. He therefore immediately provided a present to send ashore to the Sultan, *viz.* 3 yards of Scarlet Cloath, 3 yards of broad Gold Lace, a *Turkish* Scimiter and a pair of Pistols: and to *Raja Laut* he sent 3 yards of Scarlet Cloath, and 3 yards of Silver Lace. This Present was carried by Mr. *Henry More* in the evening. He was first conducted to *Raja Laut*'s house; where he remained till report thereof was made to the Sultan, who immediately gave order for all things to be made ready to receive him.

About 9 a clock at night, a Messenger came from the Sultan to bring the Present away. Then Mr. *More* was conducted all the way, with Torch-
es and armed Men, till he came to the House where the Sultan was. The Sultan with 8 or 10 men of his Council were seated on Carpets, waiting his

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his coming. The Present that Mr. *More* brought was laid down before them, and was very kindly accepted by the Sultan, who caused Mr. *More* to sit down by them, and asked a great many questions of him. The discourse was in *Spanish* by an Interpreter. This conference lasted about an hour, and then he was dismissed, and returned again to *Raja Laut's* House. There was a supper provided for him, and the Boats crew; after which he returned aboard.

The next day the Sultan sent for Capt. *Swan*: He immediately went ashore with a Flag flying in the Boats head, and two Trumpets sounding all the way. When he came ashore, he was met at his Landing by two principal Officers, guarded along with soldiers, and abundance of people gazing to see him. The Sultan waited for him in his Chamber of Audience, where Captain *Swan* was treated with Tobacco and Betel, which was all his entertainment.

The Sultan sent for two *English* Letters for Captain *Swan* to read, purposely to let him know, that our *East India* Merchants did design to settle here, and that they had already sent a Ship hither. One of these Letters was sent to the Sultan from *England*, by the *East India* Merchants. The chiefest things contained in it, as I remember, for I saw it afterwards in the Secretaries hand, who was very proud to shew it to us, was to desire some priviledges, in order to the building of a Fort there. This Letter was written in a very fair hand, and between each line, there was a Gold line drawn. The other Letter was left by Captain *Goodlud*, directed to any *English* men who should happen to come thither. This related wholly to Trade, giving an account; at what rate he had agreed with them for Goods of the Island, and how *European* Goods should be sold to them;

An. 1686 with an account of their Weight and Measures, and their difference from ours.

The rate agreed on for *Mindanao* Gold, was 14 *Spanish* Dollars, (which is a current Coin all over *India*) the *English* Ounce, and 18 Dollars the *Mindanao* Ounce. But for Bees-wax and Clove-bark, I do not remember the rate; neither do I well remember the rates of *Europe* Commodities; but I think the rate of Iron was not above 4 Dollars a hundred. Captain *Goodlud*'s Letter concluded thus. *Trust none of them, for they are all Thieves, but Take is Latin for a Candle.* We understood afterwards that Captain *Goodlud* was robb'd of some Goods by one of the *Generals* men, and that he that robb'd him was fled into the Mountains, and could not be found while Captain *Goodlud* was here. But the fellow returning back to the City some time after our arrival here, *Raja Laut* brought him bound to Captain *Swan*, and told him what he had done, desiring him to punish him for it as he pleased; but Captain *Swan* excused himself, and said it did not belong to him, therefore he would have nothing to do with it. However, the General *Raja Laut*, would not pardon him, but punished him according to their own custom, which I did never see but at this time.

He was stript stark naked in the morning at Sun-rising, and bound to a post, so that he could not stir hand nor foot, but as he was moved; and was placed with his face Eastward against the Sun. In the afternoon they turn'd his face towards the West, that the Sun might still be in his face; and thus he stood all day, parcht in the Sun (which shines here excessively hot) and tormented with the Moskitos or Gnats: After this the General would have kill'd him, if Captain *Swan* had consented to it. I did never see any put to Death; but I believe they are barbarous enough in it: The General told us him-

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self that he put two men to death in a Town where some of us were with him; but I heard not the manner of it. Their common way of punishing is to strip them in this manner, and place them in the Sun; but sometimes they lay them flat on their backs on the Sand, which is very hot; where they remain a whole day in the scorching Sun, with the Moskito's biting them all the time.

This action of the General in offering Captain *Swan* the punishment of the Thief, caus'd Captain *Swan* afterwards to make him the same offer of his men, when any had offended the *Mindanao* men: but the General left such offenders to be punished by Captain *Swan*, as he thought convenient. So that for the least offence Captain *Swan* punished his men, and that in the sight of the *Mindanaians*; and I think sometimes only for revenge: as he did once punish his Chief Mate Mr. *Teat*, he that came Captain of the Bark to *Mindanao*. Indeed at that time Captain *Swan* had his men as much under command as if he had been in a Kings Ship: and had he known how to use his Authority, he might have led them to any Settlement, and have brought them to assist him in any design he had pleas'd.

Captain *Swan* being dismiss'd from the Sultan, with abundance of civility, after about two hours discourse with him, went thence to *Raja Laut's* House. *Raja Laut* had then some difference with the Sultan, and therefore he was not present at the Sultans reception of our Captain; but waited his return, and treated him and all his men with boyled Rice and Fowls. He then told Captain *Swan* again, and urged it to him, that it would be best to get his Ship into the River as soon as he could, because of the usual tempestuous weather at this time of the year: and that he should want no assistance to further him in any thing. He told him also, that as we must of necessity stay here some

An. 1686 time, so our men would often come ashore ; and he therefore desired him to warn his men to be careful to give no affront to the Natives ; who, he said, were very revengeful. That their Customs being different from ours, he feared that Captain *Swan's* men might some time or other offend them, though ignorantly ; that therefore he gave him this friendly warning, to prevent it : that his house should always be open to receive him or any of his men, and that he knowing our customs, would never be offended at any thing. After a great deal of such discourse he dismiss the Captain and his Company, who took their leave and came aboard.

Captain *Swan* having seen the two Letters, did not doubt but that the *English* did design to settle a Factory here: therefore he did not much scruple the honesty of these people, but immediately ordered us to get the Ship into the River. The River upon which the City of *Mindanao* stands is but small, and hath not above 10 or 11 foot water on the Bar at a Spring-tide : therefore we lightned our Ship, and the Spring coming on, we with much ado got her into the River, being assisted by 50 or 60 *Mindanaian* Fishermen, who liv'd at the mouth of the River ; *Raja Laut* himself being aboard our Ship to direct them. We carried her about a quarter of a mile up, within the mouth of the River, and there moored her, head and stern in a hole, where we always rode afloat. After this the Citizens of *Mindanao* came frequently aboard, to invite our men to their houses, and to offer us Pagallies. 'Twas a long time since any of us had received such Friendship, and therefore we were the more easily drawn to accept of their kindneses ; and in a very short time most of our men got a Comrade or two, and as many Pagallies ; especially such of us as had good cloaths, and store of Gold, as many had, who were of the

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number of those, that accompanied Captain Har-
is over the Isthmus of *Darien*, the rest of us being
 poor enough. Nay the very poorest and meanest
 of us could hardly pass the Streets, but we were
 even hal'd by force into their houses, to be treated
 by them ; altho their Treats were but mean, *viz.*
 Tobacco, or Betel-nut, or a little sweet spiced Wa-
 ter. Yet their seeming sincerity, simplicity, and
 the manner of bestowing these Gifts, made them
 very acceptable. When we came to their houses
 they would always be praising the *English*, as declar-
 ing that the *English* and *Mindanaians* were all one.
 This they exprest by putting their two fore-fingers
 close together, and saying that the *English* and *Minda-*
naians were *samo, samo*, that is, *all one*. Then they would
 draw their fore-fingers half a foot asunder, and say
 the *Dutch* and they were *Bugeto*, which signifies so,
 that they were at such distance in point of friend-
 ship : and for the *Spaniards*, they would make a
 greater representation of distance than for the
Dutch : fearing these, but having felt, and snarred
 from the *Spaniards*, who had once almost brought
 them under.

Captain *Swan* did seldom go into any house at
 first, but into *Raja Laut*'s. There he dined commonly
 every day ; and as many of his men as were ashore,
 and had no money to entertain themselves, resort-
 ed thither about 12 a clock, where they had Rice
 enough boiled and well drest, and some scraps of
 Fowls, or bits of Buffaloe, drest very nastily. Cap-
 tain *Swan* was served a little better, and his two
 Trumpeters sounded all the time that he was at din-
 ner. After dinner *Raja Laut* would sit and discourse
 with him most part of the afternoon. It was
 now the *Ramdam* time, therefore the General ex-
 cused himself, that he could not entertain our
 Captain with dances, and other pastimes, as he
 intended to do when this solemn time was past ;

An. 1686 besides, it was the very height of the wet Season, and therefore not so proper for pastimes.

We had now very tempestuous Weather, and excessive Rains, which so swell'd the River, that it overflowed its Banks; so that we had much ado to keep our Ship safe: For every now and then we should have a great Tree come floating down the River, and sometimes lodge against our Bows, to the endangering the breaking our Cables, and either the driving us in over the Banks, or carrying us out to Sea; both which would have been very dangerous to us, especially being without Ballast.

The City is about a mile long (of no great breadth) winding with the banks of the River on the Right hand going up, tho it hath many houses on the other side too. But at this time it seemed to stand as in a pond, and there was no passing from one house to another but in Canoas. This tempestuous rainy Weather happened the latter end of *July*, and lasted most part of *August*.

When the bad Weather was a little asswaged, Captain *Swan* hired a house, to put our Sails and Goods in, while we careen'd our Ship. We had a great deal of Iron and Lead, which was brought ashore into this house. Of these Commodities Captain *Swan* sold to the Sultan and General, 8 or 10 Tuns, at the rates agreed on by Captain *Goodlud*, to be paid in Rice. The *Mindanaians* are no good Accomptants; therefore the *Chinese* that live here, do cast up their Accompts for them. After this, Captain *Swan* bought Timber-trees of the General, and set some of our men to saw them into Planks, to sheath the Ships bottom. He had two Whip-saws on board, which he brought out of *England*, and four or five men that knew the use of them, for they had been Sawyers in *Jamaica*.

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When the *Ramdam* time was over, and the dry time set in a little, the General, to oblige Captain *Swan*, entertained him every night with Dances. The dancing Women that are purposely bred up to it, and make it their Trade, I have already described. But beside them all the Women in general are much addicted to Dancing. They dance 40 or 50 at once: and that standing all round in a Ring joined hand in hand, and singing and keeping time. But they never budge out of their places, nor make any motion till the Chorus is sung; then all at once they throw out one Leg, and bawl out aloud; and sometime they only clap their hands when the Chorus is sung. Captain *Swan*, to retalliate the Generals favours, sent for his Violins, and some that could dance *English* Dances; where-with the General was very well pleased. They commonly spent the biggest part of the nights in these sort of Pastimes.

Among the rest of our Men that did use to dance thus before the General, there was one *John Thacker*, who was a Seaman bred, and could neither write nor read; but had formerly learnt to dance in the Musick-houses about *Wapping*: This man came into the *South Seas* with Captain *Harris*, and getting with him a good quantity of Gold, and being a pretty good husband of his share, had still some left, besides what he laid out in a very good suit of Clothes. The General supposed by his garb and his dancing, that he had been of noble extraction: and to be satisfy'd of his Quality, asked of one of our men if he did not guess aright of him? The man of whom the General asked this question told him, he was much in the right; and that most of our Ships company were of the like extraction; especially all those that had fine Clothes; and that they came abroad only to see the World, having Money enough to bear their expences

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An. 1686 expences where-ever they came; but that for the rest, those that had but mean Clothes, they were only common Sea-men. After this the General shew'd a great deal of respect to all that had good Clothes, but especially to *John Thacker*; till Captain *Swan* came to know the business, and marr'd all; undeceiving the General, and drubbing the Noble-man: for he was so much incens'd against *John Thacker*, that he could never endure him afterwards; tho the poor fellow knew nothing of the matter.

About the middle of *November* we began to work on our Ships bottom, which we found very much eaten with the Worm: for this is a horrid place for Worms. We did not know this till after we had been in the River a month; and then we found our Canoas bottoms eaten like Honey-combs; our Bark, which was a single bottom, was eaten thro; so that she could not swim. But our Ship was sheathed, and the Worm came no farther than the Hair between the sheathing Plank and the main Plank. We did not mistrust the Generals Knavery till now: for when he came down to our Ship, and found us ripping off the sheathing Plank, and saw the firm bottom underneath, he shook his Head, and seem'd to be discontented; saying he did never see a Ship with 2 bottoms before. We were told that in this place where we now lay a *Dutch Ship* was eaten up in 2 months time, and the General had all her Guns; and it is probable he did expect to have had ours: which I do believe was the main reason that made him so forward in assisting us to get our Ship into the River, for when we went out again we had no assistance from him. We had no Worms till we came to this place: for when we careen'd at the *Marias*, the Worm had not touch'd us; nor at *Guam*, for there we scrubb'd; nor after we came to the Island *Mindanao*; for at the S. E. end of the

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Island we heel'd and scrub'd also. The *Mindawai-An. 1686* are so sensible of these destructive Insects, that whenever they come from Sea, they immediately hale their Ships into a dry Dock, and burn her bottom, and there let her lye dry, till they are ready to go to Sea again. The Canoas or Proes they hale up dry, and never suffer them to be long in the water. It is reported that those Worms which get into a Ships bottom in the salt water, will dye in the fresh water; and that the fresh water Worms will dye in salt water: but in brackish water both sorts will increase prodigiously. Now this place where we lay was sometimes brackish water, yet commonly fresh; but what sort of Worm this was I know not. Some men are of opinion, that these Worms breed in the Plank; but I am perswaded they breed in the Sea: for I have seen millions of them swimming in the water, particularly in the Bay of *Panama*; for there Captain *Davis*, Captain *Swan* and my self, and most of our men, did take notice of them divers times, which was the reason of our Cleaning so often while we were there: and these were the largest Worms that I did ever see. I have also seen them in *Virginia*, and in the Bay of *Campeachy*; in the latter of which places the Worm eats prodigiously. They are always in Bays, Creeks, mouths of Rivers, and such places as are near the shore; being never found far out at Sea, that I could ever learn: yet a Ship will bring them lodg'd in its Plank for a great way.

Having thus ript off all our Worm-eaten Plank, and clapt on new, by the beginning of *December*, 1686, our Ships bottom was sheathed and tallowed; and the 10th day we went over the Bar, and took aboard the Iron and Lead that we could not sell, and began to fill our Water and fetch aboard Rice for our Voyage: But *C. Swan* remain'd ashore still, and was not yet determin'd when to sail, or whither.

But

An. 1686 But I am well assured that he did never intend to cruize about *Manila*, as his Crew design'd; for I did once ask him, and he told me, that what he had already done of that kind he was forc'd to; but now being at liberty, he would never more engage in any such design: For, said he, there is no Prince on Earth is able to wipe off the stain of such actions. What other designs he had I know not; for he was commonly very cross, yet he did never propose doing any thing else, but only ordered the Provision to be got aboard in order to sail; and I am confident if he had made a motion to go to any *English* Factory, most of his men would have consented to it, tho, probably some would have still opposed it. However, his authority might soon have over-swayed those that were refractory; for it was very strange to see the awe that these men were in of him, for he punished the most stubborn and daring of his men. Yet when we had brought the Ship out into the Road, they were not altogether so submissive, as while it lay in the River, though even then it was that he punished Captain *Teat*.

I was at that time a hunting with the General for Beef, which he had a long time promised us. But now I saw that there was no credit to be given to his word; for I was a week out with him and saw but four Cows, which were so wild, that we did not get one. There were five or six more of our Company with me: these who were young men, and had *Dalilabs* there, which made them fond of the place, all agreed with the General to tell Captain *Swan*, that there were Beeves enough, only they were wild. But I told him the truth, and advised him not to be too credulous of the Generals promises. He seemed to be very angry, and stormed behind the Generals back, but in his presence was very mute, being a man of small courage.

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It was about the 20th day of *December* when we returned from hunting, and the General designed to go again to another place to hunt for Beef; but he staid till after *Christmas-day*, because some of us designed to go with him; and Captain *Swan* had desired all his men to be aboard that day, that we might keep it solemnly together: And accordingly he sent aboard a Buffaloe the day before, that we might have a good Dinner. So the 25th day about 10 a clock, Captain *Swan* came aboard; and all his Men who were ashore: For you must understand that near a third of our men lived constantly ashore, with their Comrades and Pagallies, and some with Women-servants, whom they hired of their Masters for Concubines. Some of our men also had Houses, which they hired or bought, for Houses are very cheap, for 5 or 6 Dollars. For many of them having more money than they knew what to do with, eased themselves here of the trouble of telling it, spending it very lavishly, their prodigality making the people impose upon them, to the making the rest of us pay the dearer for what we bought, and to the endangering the like impositions upon such *Englishmen* as may come here hereafter. For the *Mindanaians* knew how to get our Squires Gold from them (for we had no Silver,) and when our men wanted Silver, they would change now and then an Ounce of Gold, and could get for it no more then 10 or 11 Dollars for a *Mindanao* Ounce which they would not part with again under 18 Dollars. Yet this, and the great prices they set on their Goods, were not the only way to lessen their stocks; for their Pagallies and Comrades would often be begging somewhat of them, and our men were generous enough, and would bestow half an ounce of Gold at a time, in a Ring for their Pagallies, or in a Silver Wrist-band, or Hoop to come about their

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An. 1686 Arms, in hopes to get a nights Lodging with them.

When we were all aboard on *Christmas-day*, Captain *Swan* and his two Merchants; I did expect that Captain *Swan* would have made some proposals, or have told us his designs; but he only dined and went ashore again, without speaking any thing of his mind. Yet even then I do think that he was driving on a design, of going to one of the Spice Islands, to load with Spice; for the young man before mentioned, who I said was sent by his Unkle, the Sultan of a Spice Island near *Ternate*, to invite the *English* to their Island, came aboard at this time, and after some private discourse with Captain *Swan*, they both went ashore together. This young man did not care that the *Mindanaians* should be privy to what he said. I have heard Captain *Swan* say that he offered to load his Ship with Spice, provided he would build a small Fort, and leave some men to secure the Island from the *Dutch*; but I am since informed, that the *Dutch* have now got possession of the Island.

The next day after *Christmas* the General went away again, and 5 or 6 *Englishmen* with him, of whom I was one, under pretence of going a hunting; and we all went together by Water in his Proe, together with his Women and Servants, to the hunting place. The General always carried his Wives and Children, his Servants, his Money and Goods with him: so we all embarked in the morning, and arrived there before night. I have already described the fashion of their Proes, and the rooms made in them. We were entertained in the Generals Room or Cabbin. Our Voyage was not so far, but that we reached our Port before night.

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At this time one of the Generals Servants had offended, and was punished in this manner. He was bound fast flat on his Belly, on a Bambou belonging to the Proe, which was so near the Water, that by the Vessels motion, it frequently deluged under water, and the man along with it; and sometime when hoisted up, he had scarce time to blow before he would be carried under Water again.

When we had rowed about two leagues, we entered a pretty large deep River, and rowed up a league further; the Water salt all the way. There was a pretty large Village, the Houses built after the Country fashion. We landed at this place, where there was a House made ready immediately for us. The General and his Women lay at one end of the house, and we at the other end, and in the evening all the Women in the Village danced before the General.

While he staid here, the General with his men went out every morning betimes, and did not return till 4 or 5 a clock in the afternoon, and he would often complement us, by telling us what good trust and confidence he had in us, saying that he left his Women and Goods under our protection, and that he thought them as secure with us six, (for we had all our Arms with us) as if he had left 100 of his own men to guard them. Yet for all this great confidence, he always left one of his principal men, for fear some of us should be too familiar with his Women.

They did never stir out of their own Room when the General was at home, but as soon as he was gone out, they would presently come into our Room, and sit with us all day, and ask a thousand questions of us concerning our *English* Women, and our customs. You may imagin that before this time, some of us had attained so much of their

An. 1686 th. Language as to understand them, and give them answers to their demands. I remember that one day they asked how many Wives the King of *England* had? we told them but one, and that our *English* Laws did not allow of any more. They said it was a very strange custom, that a Man should be confined to one Woman; some of them said it was a very bad Law, but others again said it was a good Law; so there was a great dispute among them about it. But one of the *General's* Women said positively, that our Law was better than theirs, and made them all silent by the reason which she gave for it. This was the *War Queen*, as we called her, for she did always accompany the *General* when-ever he was called out to engage his Enemies, but the rest did not.

By this familiarity among the Women, and by often discoursing them, we came to be acquainted with their customs and priviledges. The *General* lies with his Wives by turns, but she by whom he had the first Son, has a double portion of his company: for when it comes to her turn, she has him two nights, whereas the rest have him but one. She with whom he is to lye at night seems to have a particular respect shewn her by the rest all the precedent day, and for a mark of distinction, wears a striped silk Handkerchief about her Neck, by which we knew who was *Queen* that day.

We lay here about 5 or 6 days, but did never in all that time see the least sign of any Beef, which was the business we came about: neither were we suffered to go out with the *General* to see the wild kind, but we wanted for nothing else. However this did not please us, and we often importuned him to let us go out among the Cattle. At last he told us, that he had provided a Jar of Rice drink to be merry with us, and after that we should go with him.

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This Rice-drink is made of Rice boiled and put into a Jar, where it remains a long time steeping in Water. I know not the manner of making it, but it is very strong pleasant drink. The evening when the General designed to be merry, he caused a Jar of this drink to be brought into our Room, and he began to drink first himself, then afterwards his men; so they took turns till they were all as drunk as Swine, before they suffered us to drink. After they had enough, then we drank, and they drank no more, for they will not drink after us. The General leapt about our Room a little while; but having his Load soon went to sleep.

The next day we went out with the General into the Savannah, where he had near 100 men making of a large pen to drive the Cattle into. For that is the manner of their Hunting, having no Dogs. But I saw not above 8 or 10 Cows, and those as wild as Deer, so that we got none this day: yet the next day some of his men brought in 3 Heifers, which they kill'd in the Savannah. With these we returned aboard, they being all that we got there.

Captain *Swan* was much vext at the Generals actions; for he promised to supply us with as much Beef as we should want, but now either could not, or would not make good his promise. Besides, he failed to perform his promise in a bargain of Rice, that we were to have for the Iron which he sold him, but he put us off still from time to time, and would not come to any account. Neither were these all his tricks, for a little before his Son was circumcised, (of which I spake in the foregoing Chapter) he pretended a great freight for money, to defray the charges of that day; and therefore desired Captain *Swan* to lend him about 20 Ounces of Gold; for he knew that Captain

An. 1687 Swan had a considerable quantity of Gold in his possession, which the General thought was his own, but indeed had none but what belonged to the Merchants. However he lent it the General, but when he came to an account with Captain Swan, he told him, that is was usual at such solemn times to make Presents, and that he received it as a Gift. He also demanded payment for the Victuals that our Captain and his Men did eat at his house. These things startled Captain Swan, yet how to help himself he knew not. But all this, with other inward troubles lay hard on our Captains spirits, and put him very much out of humour; for his own Company also were pressing him every day to be gone, because now was the height of the Easterly Monsoon, the only Wind to carry us farther into the *Indies*.

About this time some of our men, who were weary and tired with wandring, ran away into the Country and absconded, they being afflited, as was generally believed, by *Raja Laut*. There were others also, who fearing we should not go to an *English* Port, bought a Canoa, and designed to go in her to *Borneo*: For not long before a *Mindanao* Vessel came from thence, and brought a Letter directed to the chief of the *English* Factory at *Mindanao*. This Letter the General would have Captain Swan have opened, but he thought it might come from some of the *East India* Merchants, whose Affairs he would not intermeddle with, and therefore did not open it. I since met with Captain *Bowry* at *Achin*, and telling him this story, he said that he sent that Letter, supposing that the *English* were settled there at *Mindanao*, and by the Letter we also thought that there was an *English* Factory at *Borneo*: so here was a mistake on both sides. But this Canoa wherewith some of the thought to go to *Borneo*, Captain Swan took from

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 However this did not so far discourage them, for they secretly bought another; but their designs taking air, they were again frustrated by Captain *Swan*.

The whole Crew were at this time under a general disaffection, and full of very different Projects; and all for want of action. The main division was between those that had Money and those that had none. There was a great difference in the humours of these; for they that had Money liv'd ashore, and did not care for leaving *Mindanao*; whilst those that were poor liv'd aboard, and urged *C. Swan* to go to Sea. These began to be unruly as well as dissatisfy'd, and sent ashore the Merchants Iron to sell for Rack and Honey, to make Punch, where-with they grew drunk and quarrelsome: Which disorderly actions deterr'd me from going aboard; for I did ever abhor drunkenness, which now our men that were aboard abandoned themselves wholly to.

Yet these disorders might have been crush'd, if Captain *Swan* had used his authority to suppress them: But he with his Merchants living always ashore, there was no command, and therefore every man did what he pleas'd, and encourag'd each other in his villanies. Now Mr. *Hart-hop*, who was one of Captain *Swan*'s Merchants, did very much importune him to settle his resolutions, and declare his mind to his men; which at last he consented to do: Therefore he gave warning to all his men to come aboard the 13th day of *January 1687*.

We all earnestly expect to hear what Captain *Swan* would propose, and therefore were very willing to go aboard. But unluckily for him, two days before this meeting was to be, Captain *Swan* sent aboard his Gunner, to fetch something ashore out of his Cabbin. The Gunner rummaging to

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find what he was sent for, among other things took out the Captains Journal, from *America* to the Island *Guam*, and laid it down by him. This Journal was taken up by one *John Reed*, a *Bristol* man, whom I have mentioned in my 4th Chapter. He was a pretty ingenious young man, and of a very civil carriage and behaviour. He was also accounted a good Artist, and kept a Journal, and was now prompted by his curiosity, to peep into Captain *Swan's* Journal, to see how it agreed with his own; a thing very usual among Sea-men that keep Journals, when they have an opportunity, and especially young men, who have no great experience. At the first opening of the Book he light on a place in which Captain *Swan* had inveighed bitterly against most of his men, especially against another *John Reed*, a *Jamaica* man. This was such stuff as he did not seek after: But hitting so pat on this subject, his curiosity led him to pry farther; and therefore while the Gunner was busie, he convey'd the Book away, to look over it at his leisure. The Gunner having dispatch'd his business, lock'd up the Cabbin-door not missing the Book, and went ashore. Then *John Reed* shew'd it to his Namesake, and to the rest that were aboard; who were by this time the biggest part of them ripe for mischief; only wanting some fair pretence to set themselves to work about it. Therefore looking on what was written in this Journal to be matter sufficient for them to accomplish their ends, Captain *Teat*, who, as I said before, had been abused by Captain *Swan*, laid hold on this opportunity to be revenged for his injuries, and aggravated the matter to the heighth; perswading the men to turn out Captain *Swan* from being Commander, in hopes to have commanded the Ship himself. As for the Sea-men, they were easily perswaded to any thing; for they were quite tired with this long and

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tedious Voyage, and most of them despaired of ever getting home, and therefore did not care what they did, or whither they went. It was only want of being busied in some action that made them so uneasy; therefore they consented to what *Teat* proposed, and immediately all that were aboard bound themselves by Oath to turn Captain *Swan* out, and to conceal this design from those that were ashore, until the Ship was under sail; which would have been presently, if the Surgeon or his Mate had been aboard: but they were both ashore, and they thought it no prudence to go to Sea without a Surgeon: Therefore the next morning they sent ashore one *John Cookworthy*, to hasten off either the Surgeon or his Mate, by pretending that one of the men in the night broke his Leg by falling into the Hold. The Surgeon told him that he intended to come aboard the next day with the Captain, and would not come before; but sent his Mate *Herman Coppinger*.

This man some time before this was sleeping at his Pagallies, and a Snake twisted himself about his Neck; but afterwards went away without hurting him. In this Country it is usual to have the Snakes come into the Houses, and into the Ships too; for we had several come aboard our Ship when we lay in the River. But to proceed, *Herman Coppinger* provided to go aboard; and the next day, being the time appointed for Captain *Swan* and all his men to meet aboard, I went aboard with him, neither of us mistrusting what was designing by those aboard, till we came thither. Then we found it was only a trick to get the Surgeon off; for now, having obtained their desires, the Canoa was sent ashore again immediately, to desire as many as they could meet to come aboard; but not to tell the reason, lest Captain *Swan* should come to hear of it.

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The 13th day in the morning they weighed, and fired a Gun: Captain *Swan* immediately sent aboard Mr. *Nelly*, who was now his chief Mate, to see what the matter was: To him they told all their grievances, and shew'd him the Journal. He perswaded them to stay till the next day, for an answer from Captain *Swan* and the Merchants. So they came to an Anchor again, and the next morning Mr. *Hartbop* came aboard: He perswaded them to be reconciled again, or at least to stay and get more Rice: But they were deaf to it, and weighed again while he was aboard. Yet at Mr. *Hartbop's* perswasion they promised to stay till 2 a clock in the afternoon for Captain *Swan*, and the rest of the men, if they would come aboard; but they suffer'd no man to go ashore, except one *William Williams* that had a Wooden Leg, and another that was a Sawyer.

If Captain *Swan* had yet come aboard, he might have dash'd all their designs: but he neither came himself, as a Captain of any Prudence and Courage would have done, nor sent till the time was expired. So we left Captain *Swan* and about 36 men ashore in the City, and 6 or 8 that run away, and about 16 we had buried there, the most of which dyed by Poyson. The Natives are very expert at Poysoning, and do it upon small occasions nor did our men want for giving offence, through their general Rogueries, and sometimes by dallying too familiarly with their Women even before their faces. Some of their Poysons are slow and lingering; for we had some now aboard who were poyson'd there; but dyed not till some months after.

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C H A P. XIV.

They depart from the River of Mindanao. Of the time lost or gain'd in sailing round the World: With a Caution to Seamen, about the allowance they are to make for the difference of the Sun's declination. The South Coast of Mindanao. Chambongo Town and Harbour, with its Neighbouring Keys. Green-Turtle. Ruins of a Spanish Fort. The Westermost point of Mindanao. Two Proes of the Sologues laden from Manila. An Isle to the West of Sebo. Walking-Canes. Isle of Batts, very large: and numerous Turtle and Manatec. A dangerous Shoal. They sail by Panay belonging to the Spaniards, and others of the Philippine Islands. Isle of Mindora, Two Barks taken. A further account of the Isle Luconia, and the City and Harbour of Manila. They go for Pulo Condore to lye there. The Shoals of Pracel, &c. Pulo Condore. The Tar-tree. The Mango. Grape-tree. The Wild or Bastard-Nutmeg. Their Animals. Of the Migration of the Turtle from place to place. Of the Commodious Situation of Pulo Condore; its Water, and its Cochinchinese Inhabitants. Of the Malayan Tongue. The custom of prostituting their Women in these Countries, and in Guinea. The Idolatry here, at Tunquin, and among the Chinese Seamen, and of a Procession at Fort St. George.

Change of time in compassing the World.

They rest their Ship. Two of them dye of Poyson they took at Mindanao. They take in Water, and a Pilot for the Bay of Siam, Pulo Uby, and Point of Cambodia. Two Cambodian Vessels. Isles in the Bay of Siam. The tight Vessels and Seamen of the Kingdom of Champa. Storms. A Chinese Jonk from Palimbam in Sumatra. They come again to Pulo Condore. A bloody fray with a Malayan Vessel. The Surgeons and the Authors desires of leaving their Crew.

THE 14th day of *January* 1687, at 3 of the clock in the afternoon, we sailed from the River of *Mindanao*, designing to cruise before *Manila*.

It was during our stay at *Mindanao*, that we were first made sensible of the change of time, in the course of our Voyage. For having Travell'd so far Westward, keeping the same course with the Sun, we must consequently have gain'd something insensibly in the length of the particular days, but have lost in the tale, the bulk, or number of the days or hours. According to the different longitudes of *England* and *Mindanao*, this Isle being West from the *Lizard*, by common computation, about 210 degrees, the difference of time at our arrival at *Mindanao* ought to be about 14 hours: and so much we should have anticipated our reckoning, having gained it by bearing the Sun company. Now the natural day in every particular place must be consonant to it self: but this going about with, or against the Sun's course, will of necessity make a difference in the calculation of the civil day between any two places. Accordingly, at *Mindanao*, and all other places in the *East Indies*,

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Indies, we found them reckoning a day before us, *An. 1687* both Natives and *Europeans*; for the *Europeans* coming Eastward by the *Cape of Good Hope*, in a course contrary to the Sun and us, where-ever we met they were a full day before us in their Accounts. So among the *Indian Mahometans* here, their *Friday*, the day of their Sultans going to their Mosques, was *Thursday* with us; though it were *Friday* also with those who came Eastward from *Europe*. Yet at the *Ladron* Islands, we found the *Spaniards* of *Guam* keeping the same computation with our selves; the reason of which I take to be, that they settled that Colony by a course Westward from *Spain*; the *Spaniards* going first to *America*, and thence to the *Ladrones* and *Philippines*. But how the reckoning was at *Manila*, and the rest of the *Spanish Colonies* in the *Philippine* Islands, I know not: whether they keep it as they brought it, or corrected it by the Accounts of the Natives, and of the *Portuguese*, *Dutch* and *English*, coming the contrary way from *Europe*.

One great reason why Seamen ought to keep the difference of time as exact as they can, is, that they may be the more exact in their Longitude. For our Tables of the Sun's declination, being calculated for the Meridians of the places in which they were made, differ about 12 minutes from those parts of the World, that lie on their opposite Meridians, in the months of *March* and *September*; and in proportion to the Sun's declination, at other times of the year also. And should they run farther as we did, the difference would still increase upon them, and be an occasion of great errors. Yet even able Seamen in these Voyages are hardly made sensible of this, tho' so necessary to be observed, for want of duly attending to the reason of it, as it happened among those of our crew; who after we had past 180 degrees, began

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An. 1687 to decrease the difference of declination, whereas they ought still to have increased it, for it all the way increased upon us.

We had the Wind at N. N. E. fair clear Weather, and a brisk gale. We coasted to the Westward, on the South side of the Island *Mindanao*, keeping within 4 or 5 leagues of the shore. The Land from hence trends away W. by S. It is of a good height by the Sea, and very Woody, and in the Country we say high Hills.

The next day we were abreast off *Chambongo*; a Town in this Island, and 20 leagues from the River of *Mindanao*. Here is said to be a good Harbour, and a great settlement, with plenty of Beef and Buffaloe. It is reported that the *Spaniards* were formerly fortified here also: There are 2 shoals lie off this place, 2 or 3 leagues from the shore. From hence the Land is more low and even; yet there are some Hills in the Country.

About 6 leagues before we came to the West end of the Island *Mindanao*, we fell in with a great many small low Islands or Keys, and about 2 or 3 leagues to the Southward of these Keys, there is a long Island stretching N. E. and S. W. about 12 leagues. This Island is low by the Sea on the North side, and has a ridge of Hills in the middle running from one end to the other. Between this Island and the small Keys, there is a good large Channel: Among the Keys also there is good depth of Water, and a violent Tide; but on what point of the compass it flows, I know not, nor how much it riseth and falls.

The 17th day we anchored on the East side of these Keys, in 8 fathom water, clean Sand. Here are plenty of green Turtle, whose flesh is as sweet as any in the *West Indies*: but they are very shy. A little to the Westward of these Keys, on the Island *Mindanao*, we saw abundance of Coco-nut Trees. Therefor

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Therefore we sent our Canoa ashore, thinking to find Inhabitants, but found none, nor sign of any; but great tracks of Hogs, and great Cattle; and close by the Sea there were the ruins of an old Fort. The Walls thereof were of a good height, built with Stone and Lime, and by the Workmanship seem'd to be Spanish. From this place the Land trends W. N. W. and is of an indifferent height by the Sea. It run on this point of the Compass 4 or 5 leagues, and then the Land trends away N. N. W. 5 or 6 leagues farther, making with many bluff points.

We weigh'd again the 14th day, and went thro between the Keys; but met such uncertain Tydes, that we were forced to anchor again. The 22d day we got about the Westermost point of all Mindanao, and stood to the Northward, plying under the shore, and having the Wind at N. N. E. a fresh gale. As we sailed along further, we found the Land to trend N. N. E. On this part of the Island the Land is high by the Sea, with full bluff points, and very Woody. There are some small sandy Bays, which afford streams of fresh Water.

Here we met with two Proe's belonging to the *Sologues*, one of the *Mindanaian* Nations before mentioned. They came from *Manila* laden with Silks and Calicoes. We kept on this Western part of the Island steering Northerly, till we came abreast of some other of the *Philippine* Islands, that lay to the Northward of us; then steered away towards them; but still keeping on the West side of them, and we had the Winds at N. N. E.

The 3d of February we anchored in a good bay on the West side of an Island, in lat. 9 d. 55 m. where we had 12 fathom Water, good soft oaze. This Island hath no name that we could find in any book, but lieth on the West side of Island

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An. 1687 Sebo. It is about 8 or 10 leagues long, Mountainous and Woody. At this place Captain *Read*, who was the same Captain *Swan* had so much railed against in his Journal, and was now made Captain in his room (as Captain *Teat* was made Master, and Mr. *Henry More* Quartermaster) ordered the Carpenters to cut down our Quarter Deck, to make the Ship snug, and the fitter for sailing. When that was done we heeled her, scrubbed her bottom and tallowed it. Then we fill'd all our Water, for here is a delicate small run of Water.

The Land was pretty low in this Bay, the Mould black and fat, and the Trees of several kinds, very thick and tall. In some places we found plenty of Canes, such as we use in *England* for Walking-canes. These were short jointed not above two foot and a half, or two foot ten inches the longest, and most of them not above two foot. They run along on the ground like a Vine; or taking hold of the Trees they climb up to their very tops. They are 15 or 20 fathom long, and much of a bigness from the root, till within 5 or 6 fathom of the end. They are of a pale green colour, cloathed over with a coat of a short thick hairy substance, of a dun colour: but it comes off by only drawing the Cane thro your hand. We did cut many of them and they proved very tough heavy Canes.

We saw no Houses, nor sign of Inhabitants; but while we lay here there was a Canoa with 6 men came into this Bay; but whether they were bound, or from whence they came, I know not. They were *Indians*, and we could not understand them.

In the middle of this Bay, about a mile from the shore, there is small low woody Island, not above a mile in circumference: our Ship rode about a mile from it. This Island was the habitation

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on of an incredible number of great Batts, with bodies as big as Ducks, or larger Fowl, and with vast Wings: For I saw at *Mindanao* one of this sort, and I judge that the Wings stretcht out in length, could not be less asunder than 7 or 8 foot from tip to tip; for it was much more than any of us could fathom with our Arms, extended to the utmost. The Wings are for substance like those of other Batts, of a dun or mouse colour. The skin or Leather of them hath Ribs running along and draws up in 3 or 4 folds, and at the joints of those Ribs and the extremities of the Wings, there are sharp crooked Claws, by which they may hang on any thing. In the evening as soon as the Sun was set, these Creatures would begin to take their flight from this Island, in swarms like Bees, directing their flight over to the main Island; and whether afterwards I know not. Thus we should see them rising up from the Island till night hindred our sight, and in the morning as soon as it was light, we should see them returning again like a Cloud, to the small Island, till Sun rising. This course they kept constantly while we lay here, affording us every morning and evening an hours diversion in gazing at them, and talking about them; but our curiosity did not prevail with us to go ashore to them, our selves and Canoas being all the day time taken up in business about our Ship. At this Isle also we found plenty of Turtle and Manatee, but no Fish.

We stay'd here till the 10th of *February* 1687, and then having compleated our business, we saild hence with the Wind at North. But going out we struck on a Rock, where we lay two hours: It was very smooth Water, and the Tide of flood, or else we should there have lost our Ship. We struck off a great piece of our Rudder, which was all the damage that we received, but we more narrowly

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An. 1687 ly mist losing our Ship this time, than in any other in the whole Voyage. This is a very dangerous Shoal, because it does not break, unless probably it may appear in foul weather. It lies about two mile to the Westward, without the small Barr Island. Here we found the Tide of flood setting to the Southward, and the Ebb to the Northward.

After we were past this Shoal, we coasted along by the rest of the *Philippine* Islands, keeping on the West side of them. Some of them appeared to be very Mountainous dry Land. We saw many fires in the night as we passed by *Panay*, a great Island settled by *Spaniards*, and by the fires up and down, it seems to be well settled by them; for this is a *Spanish* custom, whereby they give notice of any danger or the like from Sea; and 'tis probable they had seen our Ship the day before. This is an unfrequented Coast, and 'tis rare to have any Ship seen there. We touched not at *Pa ay*, nor any where else; tho we saw a great many small Islands to the Westward of us, and some Shoals, but none of them laid down in our draughts.

The 18th day of *Feb.* we anchored at the N. W. end of the Island *Mindora*, in 10 fathom Water, about 3 quarters of a mile from the shore. *Mindora* is a large Island; the middle of it lying in lat. 13, about 40 leagues long, stretching N. W. and S. E. It is high and Mountainous, and not very woody. At this place where we anchored the Land was neither very high nor low. There was a small Brook of Water, and the Land by the Sea was very woody, and the Trees high and tall, but a league or two farther in, the Woods are very thin and small. Here we saw great tracks of Hogs and Beef, and we saw some of each, and hunted them; but they were wild, and we could kill none.

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They cruize off Manila.

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An. 1687

While we were here there was a Canoa with 4
Indians came from *Manila*. They were very shie of
us a while: but at last, hearing us speak *Spanish*,
they came to us, and told us, that they were go-
ing to a Frier, that liv'd at an *Indian* Village to-
wards the S. E. end of the Island. They told us
also, that the Harbour of *Manila* is seldom or ne-
ver without 20 or 30 Sail of Vessels, most *Chinese*,
some *Portuguese*, and some few the *Spaniards* have of
their own. They said that when they had done
their business with the Frier they would return to
Manila, and hoped to be back again at this place in
4 days time. We told them, that we came for a
Trade with the *Spaniards* at *Manila*, and should be
glad if they would carry a Letter to some Merchant
there, which they promised to do. But this was
only a pretence of ours, to get out of them what
intelligence we could as to their Shipping, Strength,
and the like, under colour of seeking a Trade: for
our business was to pillage. Now if we had really
designed to have traded here, this was as fair an op-
portunity as Men could have desired: for these men
could have brought us to the Frier that they were
going to, and a small Present to him would have
engaged him to do any kindness for us in the way
of Trade: for the *Spanish* Governours do not allow
of it, and we must Trade by stealth.

The 21st day we went from hence with the
wind at E. N. E. a small gale. The 27d day in
the morning we were fair by the S. E. end of the
Island *Luconia*, the place that had been so long de-
sired by us. We presently saw a Sail coming from
the Northward, and making after her, we took her
in 2 hours time. She was a *Spanish* Bark, that came
from a place called *Pangassanah*, a small Town on
the N. end of *Luconia*, as they told us; probably the
same with *Pongassinay*, which lies on a Bay at the
N. W. side of the Island. She was bound to *Manila*,
but

An. 1687 but had no Goods aboard; and therefore we turned her away.

The 27^d we took another *Spanish Vessel* that came from the same place as the other. She was laden with Rice and Cotton-cloath, and bound for *Manila* also. These Goods were purposely for the *Acapulco Ship*: the Rice was for the Men to live on while they lay there, and in their return; and the Cotton-cloath was to make Sails. The Master of this Prize was Boatswain of the *Acapulco Ship* which escaped us at *Guam*, and was now at *Manila*. It was this Man that gave us the relation of what strength it had, how they were afraid of us there, and of the accident that happen'd to them, as is before mentioned in the 10th Chapter. We took these two Vessels within 7 or 8 leagues of *Manila*.

Luconia I have spoken of already: but I shall now add this further account of it. It is a great Island, taking up between 6 and 7 degrees of Lat. in length, and its breadth near the middle is about 60 leagues, but the ends are narrow. The North end lies in about 19 d. North Lat. and the S. end in about 12 d. 30 m. This great Island hath abundance of small Keys or Islands lying about it; especially at the North end. The South side fronts towards the rest of the *Philippine* Islands: of these that are its nearest Neighbours, *Mindora*, lately mentioned, is the chief, and gives name to the Sea or Streight that parts it and the other Islands from *Luconia*; being called the Streights of *Mindora*.

The body of the Island *Luconia* is composed of many spacious plain Savannahs, and large Mountains. The North end seems to be more plain and even, I mean freer from Hills, than the South end: but the Land is all along of a good height. It does not appear so flourishing and green as some of the other Islands in this Range; especially that of *St. John*, *Mindanao*, *Batt* Island, &c. yet in some places

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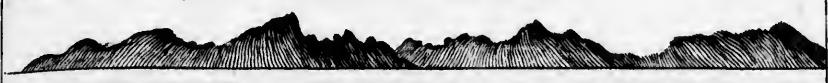
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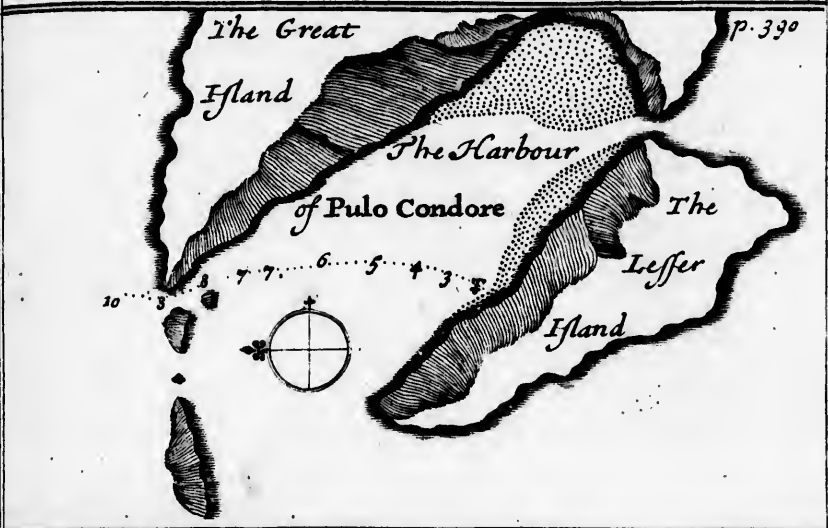
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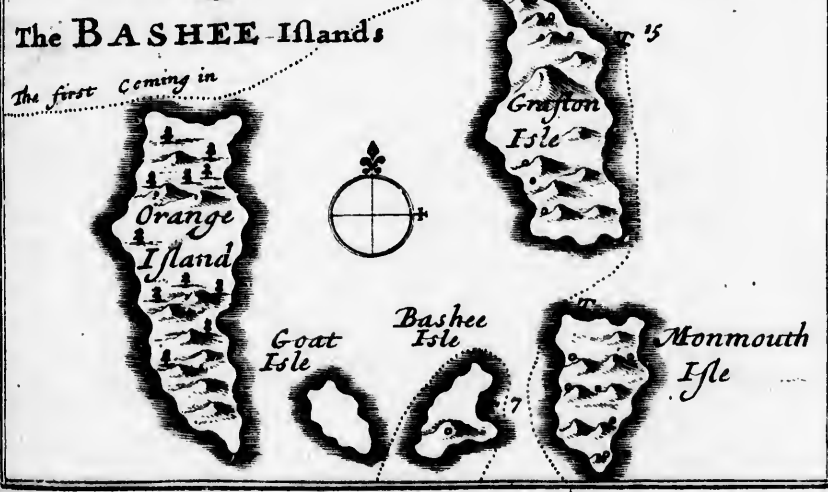
A Prospect of y^e Coast of y^e I. Luconia near : Place this at p. 384
Manila, at 6 L. off Shore, y^e highest Pike bearing East .



Thus the Islands Pulo Condore appear : p. 389
at 8 L. distance bearing South .



A Rock  *p. 421*



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places it is very woody. Some of the Mountains of this Island afford Gold; and the Savannahs are well stockt with herds of Cattle, especially Buffaloes. These Cattle are in great plenty all over the *East-Indies*; and therefore 'tis very probable that there were many of these here even before the *Spaniards* came hither. But now there are also plenty of other Cattle, as I have been told, as *Bullocks*, *Horses*, *Sheep*, *Goats*, *Hogs*, &c. brought hither by the *Spaniards*.

It is pretty well inhabited with *Indians*, most of them, if not all, under the *Spaniards*, who now are masters of it. The Native *Indians* do live together in Towns; and they have Priests among them to instruct them in the *Spanish* Religion.

Manila, the chief, or perhaps only City, lies at the foot of a ridge of high Hills, facing upon a spacious harbour near the S. W. point of the Island, in about the Lat. of 14 d. North. It is environ'd with a high strong Wall, and very well fortify'd with Forts and Breastworks. The Houses are large, strongly built, and covered with Pan-tile. The Streets are large, and pretty regular; with a Parade in the midst, after the *Spanish* fashion. There are a great many fair Buildings, besides Churches and other Religious houses; of which there are not a few.

The Harbour is so large, that some hundreds of Ships may ride here: and is never without many, both of their own, and strangers. I have already given you an account of the two Ships going and coming between this place and *Acapulco*. Besides them, they have some small Vessels of their own; and they do allow the *Portuguese* to Trade here, but the *Chinese* are the chiefest Merchants, and they drive the greatest Trade; for they have commonly 20 or 30, or 40 Jonks in the Harbour at a time, and a great many Merchants constantly residing in the City,

An. 1687 beside Shop-keepers, and Handy-crafts men in abundance. Small Vessels run up near the Town, but the *Acapulco* Ships, and others of greater burthen, lye a league short of it, where there is a strong Fort also, and Store-houses to put Goods in.

I had the major part of this relation 2 or 3 years after this time, from Mr. *Coppinger* our Surgeon; for he made a Voyage hither from *Perta Nova*, a Town on the Coast of *Coromandel*, in a *Portuguese* Ship, as I think. Here he found 10 or 12 of Captain *Swan's* men; some of those that we left at *Mindanao*. For after we came from thence, they bought a Proe there, by the instigation of an Irishman, who went by the name of *John Fitz-Gerald*, a person that spoke *Spanish* very well; and so in this their Proe they came hither. They had been here but 18 months when Mr. *Coppinger* arrived here, and Mr. *Fitz-Gerald* had in this time gotten a *Spanish* Mustefa Woman to Wife, and a good Dowry with her. He then professed Physick and Surgery, and was highly esteemed among the *Spaniards* for his supposed Knowledge in those Arts: For being always troubled with sore Shins while he was with us, he kept some Plaisters and Salves by him; and with these he set up, upon his bare natural stock of knowledge, and his Experience in Kibes. But then he had a very great stock of confidence withal, to help out the other, and being an *Irish Roman* Catholick, and having the *Spanish* Language, he had a great advantage of all his Consorts; and he alone lived well there of them all. We were not within sight of this Town, but I was shewn the Hills that over-looked it, and drew a draft of them as we lay off at Sea; which I have caused to be engraven among a few others that I took my self; See the Table.

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The time of the year being now too far spent to do any thing here, it was concluded to sail from hence to *Pulo Condore*, a little parcel of Islands on the Coast of *Cambodia*, and carry this prize with us, and there careen if we could find any convenient place for it, designing to return hither again by the latter end of *May*, and wait for the *Acapulco* Ship that comes about that time. By our Drafts (which we were guided by, being strangers to these parts) this seemed to us then to be a place out of the way, where we might lye snug for a while, and wait the time of returning for our prey. For we avoided as much as we could the going to lye by at any great place of Commerce, lest we should become too much exposed, and perhaps be assaulted by a force greater than our own.

So having set our Prisoners ashore, we sailed from *Luconia* the 26th day of *Feb.* with the Wind E. N. E. and fair weather, and a brisk gale. We were in lat. 14d. N. when we began to steer away for *Pulo Condore*, and we steered S. by W. In our way thither we went pretty near the Shoals of *Pracel*, and other Shoals which are very dangerous. We were very much afraid of them, but escaped them without so much as seeing them, only at the very South end of the *Pracel* Shoals we saw 3 little sandy Islands or Spots of Sand, standing just above water within a mile of us.

It was the 13th day of *March* before we came in sight of *Pulo Condore*, or the Island *Condore*, as *Pulo* signifies. The 14th day about noon we anchored on the North side of the Island, against a sandy Bay 2 mile from the shore, in 10 fathom clean hard Sand, with both Ship and Prize. *Pulo Condore* is the principal of a heap of Islands, and the only inhabited one of them. They lye in lat. 8d. 40 m. North, and about 20 leagues South and

An. 1687 by East from the mouth of the River of *Cambodia*. These Islands lye so near together, that at a distance they appear to be but one Island.

Two of these Islands are pretty large, and of a good height; they may be seen 14 or 15 leagues at Sea; the rest are but little Spots. The biggest of the two (which is the inhabited one) is about 4 or 5 leagues long, and lies East and West. It is not above 3 mile broad at the broadest place, in most places not above a mile wide. The other large Island is about 3 mile long, and half a mile wide. This Island stretcheth N. and S. It is so conveniently placed at the West end of the biggest Island, that between both there is formed a very commodious Harbour. The entrance of this Harbour is on the North side, where the two Islands are near a mile asunder. There are 3 or 4 small Keys, and a good deep Channel between them and the biggest Island. Towards the South end of the Harbour the two Islands do in a manner close up, leaving only a small passage for Boats and Canoas. There are no more Islands on the North side, but 5 or 6 on the South side of the great Island. See the Table.

The Mold of these Islands for the biggest part is blackish, and pretty deep; only the Hills are somewhat stony. The Eastern part of the biggest Island is sandy, yet all cloathed with Trees of divers sorts. The Trees do not grow so thick as I have seen them in some places, but they are generally large and tall, and fit for any uses.

There is one sort of Tree much larger than any other on this Island, and which I have not seen any where else. It is about 3 or 4 foot diameter in the Body, from whence is drawn a sort of clammy juice, which being boiled a little becomes perfect Tar; and if you boil it much it will become hard as Pitch. It may be put to either use; we

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Mangoes. Achar of several sorts.

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ed it both ways, and found it to be very service-
ble. The way that they get this juice, is by cut-
ing a great gap horizontally in the body of the
Tree half through, and about a foot from the
ground: and then cutting the upper part of the
body aslope inwardly downward, till in the mid-
dle of the Tree it meet with the traverse cutting,
or plain. In this plain horizontal semicircular
ump, they make a hallow like a Bason that may
contain a quart or two. Into this hole the juice
which drains from the wounded upper part of the
Tree falls: from whence you must empty it every
day. It will run thus for some months, and then
go away, and the Tree will recover again.

The Fruit-trees that nature hath bestowed on
these Isles are Mangoes; and Trees bearing a
sort of Grape, and other Trees bearing a kind of
wild or bastard Nutmegs. These all grow wild in
the Woods, and in very great plenty.

The Mangoes here grow on Trees as big as Ap-
ple-trees: Those at *Fort St. George* are not so large.
The fruit of these is as big as a small Peach; but
smaller and smaller towards the top: It is of a yellow-
ish colour when ripe; it is very juicy, and of a
pleasant smell, and delicate taste. When the Mango
is young, they cut them in two pieces, and pickle
them with Salt and Vineger, in which they put some
leaves of Garlick. This is an excellent sawce, and
is much esteemed; it is called *Mango Achar*. *Achar*, I
suppose, signifies Sawce. They make in the *East Indies*
especially at *Siam* and *Pegu*, several sorts of *Achar*,
of the young tops of Bamboes, &c. Bamboe-
Achar and *Mango-Achar* are most used. The
Mangoes were ripe when we were there, (as were
the rest of these Fruits) and they have then
a delicate fragrancy, that we could smell them
in the thick Woods if we had but the wind of
them, while we were a good way from them and

An. 1687 could not see them : and we generally found them
 out this way. Mangoes are common in many
 places of the *East Indies* : but I did never know any
 grow wild only at this place. These, though not
 so big as those I have seen at *Acbin*; at *Maderas*, and
Fort St. George, are yet every whit as pleasant as
 the best sort of their Garden Mangoes.

The Grape-tree grows with a strait body, of
 Diameter about a foot or more, and hath but few
 Limbs or Boughs. The Fruit grows in Clusters
 all about the body of the Tree, like the Jack, Du-
 rian, and Cacao Fruits. There are of them both
 red and white. They are much like such Grapes as
 grow on our Vines, both in shape and colour ; and
 they are of a very pleasant Winy taste. I never
 saw these but on the two biggest of these Islands
 the rest had no Tar-trees, Mango's, Grape-trees
 nor Wild Nutmegs.

The Wild Nutmeg-tree is as big as a Walnut
 tree ; but it does not spread so much. The Boughs
 are gross, and the Fruit grows among the Boughs
 as the Walnut, and other Fruits. This Nutmeg
 is much smaller than the true Nutmeg, and longer
 also. It is inclosed with a thin Shell, and a sort of
 Mace, encircling the Nut, within the Shell. The
 bastard Nutmeg is so much like the true Nutmeg
 in shape, that at our first arrival here we thought
 it to be the true one ; but it has no manner of smell
 nor taste.

The Animals of these Islands are some Hogs
 Lizards, and Guanoes ; and some of those Creatures
 mentioned in Chap. XI. which are like, but
 much bigger than the Guano.

Here are many sorts of Birds, as Parrots, Par-
 kites, Doves and Pigeons. Here are also a sort of
 wild Cocks and Hens: They are much like our tame
 Fowl of that kind ; but a great deal less : for they
 are about the bigness of a Crow. The Cocks
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crow like ours, but much more small and shrill; and by their crowing we do first find them out in the Woods, where we shoot them. Their flesh is very white and sweet.

There are a great many Limpits, and Muscles, and plenty of green Turtle.

And upon this mention of Turtle again, I think it not amiss to add some reasons to strengthen the opinion that I have given concerning these Creatures removing from place to place. I have said in Chapter 5th, that they leave their common feeding places, and go to places a great way from thence to lay, as particularly to the Island *Ascension*. Now I have discoursed with some since that subject was printed, who are of opinion, that when the laying time is over, they never go from thence, but lye some where in the Sea about the Island, which I think is very improbable: for there can be no food for them there, as I could soon make appear; as particularly from hence, that the Sea about the Isle of *Ascension* is so deep as to admit of no anchoring but at one place, where there is no sign of Grass; and we never bring up without founding Lead, any Grass or Weeds out of very deep Seas, but Sand or the like only. But if this be granted, that there is food for them, yet I have a great deal of reason to believe that the Turtle go from hence; for after the laying time you shall never see them, and where ever Turtle are, you will see them rise, and hold their Head above water to breath, once in 7 or 8 minutes, or at longest in 10 or 12. And if any man does but consider, how Fish take their certain seasons of the year to go from one Sea to another, this would not seem strange; even Fowls also having their seasons to remove from once place to another.

These Islands are pretty well watered with small Brooks of fresh Water, that run flush into

An. 1687 the Sea for 10 months in the year. The latter end of *March* they begin to dry away, and in *April* you shall have none in the Brooks, but what is lodged in deep holes; but you may dig Wells in some places. In *May*, when the Rain comes, the Land is again replenished with water, and the Brooks run out into the Sea.

These Islands lye very commodiously in the way to and from *Japan*, *China*, *Manila*, *Tunquin*, *Cochinchina*, and in general all this most Easterly Coast of the *Indian* Continent; whether you go through the Streights of *Malacca*, or the Streights of *Sunda*, between *Sumatra* and *Java*: and one of them you must pass in the common way from *Europe*, or other parts of the *East Indies*; unless you mean to fetch a great compass round most of the *East India* Islands, as we did. Any Ship in distress may be refreshed and recruited here very conveniently; and besides ordinary accommodations, be furnished with Masts, Yards, Pitch and Tar. It might also be a convenient place to usher in a Commerce with the Neighbouring Country of *Cochinchina*, and Forts might be built to secure a Factory; particularly at the Harbour, which is capable of being well fortified. This place therefore being upon all these Accounts so valuable, and withal so little known, I have here inserted a draft of it, which I took during our stay there.

The Inhabitants of this Island are by Nation *Cochinchinese*, as they told us, for one of them spake good *Malayan*: which Language we learnt a smattering of; and some of us so as to speak it pretty well while we lay at *Mindanao*, and this is the common Tongue of Trade and Commerce (though it be not in several of them the Native Language) in most of the *East India* Islands, being the *Lingua Franca*, as it were, of these parts. I believe tis the vulgar Tongue at *Malacca*, *Sumatra*, *Java*, and
Borneo;

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Borneo ; but at *Celebes*, the *Philippine* Islands and the *Spice* Islands, it seems borrowed for the carrying of Trade. An. 1687

The Inhabitants of *Pulo Condore* are but a small people in stature, well enough shaped, and of a darker colour than the *Mindanayans*. They are pretty long visaged ; their Hair is black and streight, their Eyes are but small and black, their Noses of a mean bigness and pretty high, their Lips thin, their Teeth white, and little Mouths. They are very civil people, but extraordinary poor. Their chiefest imployment is to draw the juice of those Trees that I have described, to make Tar. They preserve it in wooden Troughs, and when they have their Cargo they transport it to *Cochinchina*, their Mother Country. Some others of them imploy themselves to catch Turtle, and boil up their Fat to Oyl, which they also transport home. These people have great large Nets, with wide meshes to catch the Turtle. The *Jamaica* Turtles have such ; and I did never see the like Nets but at *Jamaica* and here.

They are so free of their Women, that they would bring them aboard, and offer them to us ; and many of our men hired them for a small matter. This is a custom used by several Nations in the *East Indies* ; as at *Pegu*, *Siam*, *Cochinchina*, and *Cambodia*, as I have been told. It is used at *Tunquin* also to my knowledge, for I did afterward make a Voyage thither, and most of our Men had Women aboard all the time of our abode there. In *Africa*, also, on the Coast of *Guinea*, our Merchants, Factors, and Seamen that reside there, have their black Misses. It is accounted a piece of policy to do it, for the chief Factors and Captains of Ships have the great Mens Daughters offered them, the *Mandarins* or Noblemens at *Tunquin*, and even the Kings Wives in *Guinea*, and by this sort of Alliance

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An. 1684 the Country people are engaged to a greater friendship: And if there should arise any difference about Trade, or any thing else, which might provoke the Natives to seek some treacherous revenge, (to which all these Heathen Nations are very prone) then these *Dalilabs* would certainly declare it to their white friends, and so hinder their Countrymens designs.

These People are Idolaters: but their manner of Worship I know not. There are a few scattering Houses and Plantations on the great Island, and a small Village on the South side of it; where there is a little Idol Temple, and an Image of an Elephant, about 5 foot high, and in bigness proportionable, placed on one side of the Temple; and a Horse, not so big, placed on the other side of it; both standing with their Heads towards the South. The Temple it self was low and ordinary, built of Wood, and thatched, like one of their Houses; which are but very meanly.

The Images of the Horse and the Elephant were the most general Idols that I observ'd in the Temples of *Tunquin*, when I travell'd there. There were other Images also, of Beasts, Birds, and Fish: I do not remember I saw any humane shape there; nor any such monstrous Representations as I have seen among the *Chinese*. Where-ever the *Chinese* Seamen or Merchants come (and they are very numerous all over these Seas) they have always hideous Idols on board their Jonks or Ships, with Altars, and Images burning before them. These Idols they bring ashore with them: and beside those they have in common; every Man hath one in his own House. Upon some particular solemn days I have seen their *Bonzies*, or Priests, bring whole armfuls of painted Papers, and burn them with a great deal of Ceremony, being very careful to let no piece escape them. The same day they kill'd a Goat, which

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A Procession of the Idolaters at Maderas.

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which had been purposely fasting a month before: *An. 1687*
 this they offer or present before their Idol, and
 then dress it and feast themselves with it. I have
 seen them do this in *Tunquin*, where I have at the
 same time been invited to their Feasts: and at *Ban-*
couli, in the Isle of *Sumatra*, they sent a Shoulder of
 the Sacrific'd Goat to the *English*, who eat of it,
 and ask'd me to do so too; but I refused.

When I was at *Maderas*, or *Fort St. George*, I took
 notice of a great Ceremony used for several nights
 successively by the Idolaters inhabiting the Suburbs:
 Both men and women (these very well clad) in a
 great multitude went in solemn Procession with
 lighted Torches, carrying their Idols about with
 them. I knew not the meaning of it. I observ'd
 some went purposely carrying Oyl to sprinkle into
 the Lamps, to make them burn the brighter. They
 began their round about 11 a clock at night, and
 having paced it gravely about the streets till 2 or 3
 a clock in the morning, their Idols were carry'd
 with much Ceremony into the Temple by the
 chief of the Procession, and some of the Women I
 saw enter the Temple, particularly. Their Idols
 were different from those of *Tunquin*, *Cambodia*, &c.
 being in humane Shape.

I have said already that we arrived at these
 Islands the 14th day of *March* 1687. The next day
 we searched about for a place to careen in; and
 the 16th day we entered the Harbour, and imme-
 diately provided to careen. Some Men were set to
 fell great Trees to saw into Plank; others went to
 unrigging the Ship: some made a House to put our
 Goods in, and for the Sailmaker to work in. The
 Country People resorted to us, and brought us of
 the fruits of the Island, with Hogs, and sometimes
 Turtle; for which they received Rice in exchange,
 which we had a Ship load of, taken at *Manila*. We
 bought of them also a good quantity of their
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pitchy Liquor, which we boyled, and used about our Ships bottom. We mixed it first with Lime, which we made here; and it made an excellent coat, and stuck on very well.

We staid in this Harbour from the 16th day of *March* tiil the 16th day of *April*; in which time we made a new Suit of Sails of the Cloath that was taken in the Prize. We cut a spare Main-top-mast, and sawed Plank to sheath the Ships bottom; for she was not sheathed all over at *Mindanao*, and that old Plank that was left on then we now ript off, and clapt on new.

While we lay here 2 of our men dyed, who were poisoned at *Mindanao*: they told us of it, when they found themselves poisoned, and had lingered ever since. They were opened by our Doctor, according to their own request before they dyed, and their Livers were black, light and dry, like pieces of Cork.

Our business being finished here, we left the *Spanish* Prize taken at *Manila*, and most of the Rice, taking out enough for our selves: and on the 17th day we went from hence to the place where we first Anchored; on the North side of the great Island, purposely to water; for there was a great stream, when we first came to the Island, and we thought it was so now. But we found it dried up, only it stood in holes, 2 or 3 Hogheads, or a Tun in a hole: Therefore we did immediately cut Bamboos, and made Spouts, through which we conveyed the Water down to the Sea-side; by taking it up in Bowls, and pouring it into these Spouts or Troughs. We conveyed some of it thus near half a mile. While we were filling our Water, Captain *Read* engaged an old man, one of the Inhabitants of this Island, the same, who, I said, could speak the *Malayan* Language, to be his Pilot to the Bay of *Siam*: for he had often been telling us,

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us, that he was well acquainted there, and that he knew some Islands there, where there were Fishermen lived, who he thought could supply us with Salt-fish to eat at Sea; for we had nothing but Rice to eat. The Easterly Monsoon was not yet done; therefore it was concluded to spend some time there, and then take the advantage of the beginning of the Western Monsoon, to return to *Manila* again.

The 21st day of *April* 1687 we sailed from *Pulo Condore*, directing our course W. by S. for the Bay of *Siam*. We had fair weather, and a fine moderate gale of Wind at E. N. E.

The 23^d day we arrived at *Pulo Uby*, or the Island *Uby*. This Island is about 40 leagues to the Westward of *Pulo Condore*; it lies just at the entrance of the Bay of *Siam*, at the S. W. point of Land, that makes the Bay; namely, the point of *Cambodia*. This Island is about 7 or 8 leagues round, and it is higher Land than any of *Pulo Condore* Isles. Against the South East part of it there is a small Key, about a Cables length from the main Island. This *Pulo Uby* is very woody, and it has good Water on the North side, where you may anchor; but the best anchoring is on the East side against a small Bay; then you will have the little Island to the Southward of you.

At *Pulo Uby* we found two small Barks laden with Rice. They belonged to *Cambodia*, from whence they came not above two or three days before; and they touched here to fill Water. Rice is the general food of all these Countries, therefore it is transported by Sea from one Country to another, as Corn is in these parts of the World. For in some Countries they produce more than enough for themselves, and send what they can spare to those places where there is but little.

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The 24th day we went into the Bay of *Siam*: This is a large deep Bay, of which and of this Kingdom I shall at present speak but little, because I design a more particular account of all this Coast, to wit, of *Tunquin*, *Cochinchina*, *Siam*, *Champa*, *Cambodia*, and *Malacca*, making all the most Easterly part of the Continent of *Asia*, lying South of *China*; but to do it in the course of this Voyage, would too much swell this Volume; and I shall chuse therefore to give a separate relation of what I know or have learnt of them, together with the Neighbouring parts of *Sumatra*, *Java*, &c. where I have spent some time.

We run down into the Bay of *Siam*, till we came to the Islands that our *Pulo Condore* Pilot told us of, which lye about the middle of the Bay; but as good a Pilot as he was he run us aground; yet we had no damage. Captain *Read* went ashore at these Islands, where he found a small Town of Fishermen, but they had no Fish to sell, and so we returned empty.

We had yet fair weather and very little wind; so that being often becalmed, we were till the 13th day of *May* before we got to *Pulo Uby* again. There we found two small Vessels at an anchor on the East side: They were laden with Rice and Laquer, which is used in Japaning of Cabinets. One of these come from *Champa*, bound to the Town of *Malacca*, which belongs to the *Dutch*, who took it from the *Portuguese*: and this shews that they have a Trade with *Champa*. This was a very pretty neat Vessel, her bottom very clean and curiously coated, she had about 40 men all armed with Cortans, or broad Swords, Lances, and some Guns, that went with a swivel upon their Gun-nals. They were of the Idolaters, Natives of *Champa*, and some of the briskest, most sociable, without fearfulness or shyness, and the most neat and dexterous

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dexterous about their Shipping, of any such I have met with in all my Travels. The other Vessel came from the River of *Cambodia*, and was bound towards the Streights of *Malacca*. Both of them stopt here, for the Westerly winds now began to blow, which were against them, being somewhat belated.

We anchored also on the East side, intending to fill Water. While we lay here we had very violent Winds at S. W. and a strong current setting right to Windward. The fiercer the Wind blew the more strong the current set against it. This storm lasted till the 20th day, and then it began to abate.

The 21st day of *May* we went back from hence towards *Pulo Condore*. In our way we overtook a great Jonk that came from *Palimbam*, a Town on the Island *Sumatra*: She was full laden with Pepper which they bought there, and was bound to *Siam*: but it blowing so hard, she was afraid to venture into that Bay, and therefore came to *Pulo Condore* with us, where we both anchored *May* the 24th. This Vessel was of the *Chinese* make, full of little Rooms or partitions like our Well-boats. I shall describe them in the next Chapter. The men of this Jonk told us, that the *English* were settled on the Island *Samatra*, at a place called *Sillabar*: and the first knowledge we had that the *English* had any settlement on *Samatra* was from these.

When we came to an anchor, we saw a small Bark at an anchor near the shore; therefore Captain *Read* sent a Canoa aboard her, to know from whence they came; and supposing that it was a *Malaya* Vessel, he ordered the men not to go aboard, for they are accounted desperate fellows, and their Vessels are commonly full of men, who all wear Cressets, or little Daggers by their sides.

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sides. The Canoas crew, not minding the Captains orders, went aboard, all but one man that stay'd in the Canoa. The *Malayans*, who were about 20 of them, seeing our men all armed, thought that they came to take their Vessel: therefore at once, on a signal given, they drew out their Cressets, and stabbed 5 or 6. of our men before they knew what the matter was. The rest of our men leapt over-board, some into the Canoa, and some into the Sea, and so got away. Among the rest, one *Daniel Wallis* leapt into the Sea, who could never swim before nor since: yet now he swam very well, a good while before he was taken up. When the Canoas came aboard, Captain *Read* manned two Canoas, and went to be revenged on the *Malayans*: but they seeing him coming, did cut a hole in their Vessels bottom, and went ashore in their Boat. Captain *Read* followed them, but they run into the Woods and hid themselves. Here we stayed ten or eleven days, for it blew very hard all the time. While we stayed here, *Herman Coppinger* our Surgeon went ashore, intending to live here: But Captain *Read* sent some men, and fetcht him again. I had the same thoughts, and would have gone ashore too, but waited for a more convenient place. For neither he nor I, when we went last on board at *Mindanao*, had any knowledge of the Plot that was laid to leave Captain *Swan*, and run away with the Ship; and being sufficiently weary of this mad Crew, we were willing to give them the slip at any place from whence we might hope to get a passage to an *English* Factory. There was nothing else of moment happened whilst we stayed here.

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They leave Pulo Condore, designing for Manila, but are driven off from thence, and from the Isle of Prata, by the Winds, and brought upon the Coast of China: Isle of St. John, on the Coast of the Province of Canton; its Soil and productions, China Hogs, &c. The Inhabitants; and of the Tartars forcing the Chinese to cut off their Hair. Their Habits, and the little Feet of their Women. China-ware, China-roots, Tea, &c. A Village at St. John's Island, and of the Husbandry of their Rice. A story of a Chinese Pagoda, or Idol-Temple, and Image. Of the China Junks, and their Rigging. They leave St. John's and the Coast of China. A most outrageous Storm. Corpus Sant, a Light, or Meteor appearing in Storms. The Piscadores, or Fishers Islands near Formosa: A Tartarian Garrison, and Chinese Town on one of these Islands. They anchor in the Harbour near the Tartars Garrison, and treat with the Governor. Of Amoy in the Province of Fokieu, and Macao a Chinese and Portuguese Town near Canton in China. The Habits of a Tartarian Officer and his Retinue. Their presents, excellent Beef. Samciu, a sort of Chinese Arack, and Hocciu a kind of Chinese Mum, and the Jars it is bottled in. Of the Isle of Formosa, and the 5 Islands: to

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Their Departure from Pulo Condor.

which they give the Names of Orange. Mouth, Grafton, Bashee, and Goat-Islands, in general, the Bashee Islands. A digression concerning the different depths of the Sea near high or low Lands. The Soil, &c. as before. The Soil, Fruits, and Animals of these Islands. The Inhabitants and their Cloathing. Rings of a yellow Metal like Gold. Their Houses built on remarkable precipices. Their Boats and Employments. Their food, of Goat Skins, Entrails, &c. Parcht Locusts. Bashee, or Sugar cane drink. Of their Language and Original, Launces and Buffaloe Coats. No Idols, nor Civil form of Government. A young man buried alive by them; supposed to be for Theft. Their Wives and Children, and Husbandry. Their Manners, Entertainments, and Traffick. Of the Ships first Entercourse with these people, and bartering with them. Their Course among the Islands; their stay there, and provision to depart. They are driven off by a violent Storm, and return. The Natives kindness to 6 of them left behind. The Crew discouraged by those Storms, quit their design of Cruising off Manila for the Aca-pulco Ship: and 'tis resolved to fetch a Compass to Cape Comorin, and so for the Red-Sea.

HAVING fill'd our Water, cut our Wood, and got our Ship in a sailing posture, while the blustering hard Winds lasted, we took the first opportunity of a settled gale to sail towards Manila. Accordingly June the 4th, 1687, we loosed from

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Shoals of Pracel. Isles and Rocks of Prata 405

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Pulo Condore, with the Wind at S. W. fair weather at a brisk gale. The *Pepper Jonk* bound to *Siam* remained there, waiting for an Easterly wind; but one of his men, a kind of a bastard *Portuguese*, came aboard our Ship, and was entertained for the sake of his knowledge in the several Languages of these Countries. The Wind continued in the S. W. but 24 hours, or a little more, and then came about to the North, and then to the N. E.; and the Sky became exceeding clear. Then the Wind came at East, and lasted betwixt E. and S. E. for 8 or 10 days. Yet we continued plying to Windward, expecting every day a shift of Wind, because these Winds were not according to the season of the year.

We were now afraid lest the Currents might deceive us, and carry us on the shoals of *Pracel*, which were near us, a little to the N. W. but we passed on to the Eastward, without seeing any sign of them; yet we were kept much to the Northward of our intended course: and the Easterly Winds still continuing, we despaired of getting to *Manila*; and therefore began to project some new design; and the result was, to visit the Island *Prata*, about the Lat. of 20 deg. 40 min. North; and not far from us at this time.

It is a small low Island, environed with Rocks clear round it, by report. It lyeth so in the way between *Manila* and *Canton*, the head of a Province, and a Town of great trade in *China*, that the *Chinese* do dread the Rocks about it, more than the *Spaniards* did formerly dread *Bermudas*: for many of their *Jonks* coming from *Manila* have been lost there, and with abundance of Treasure in them; as we were informed by all the *Spaniards* that ever we conversed with in these parts. They told us also, that in these wrecks most of the men were drowned, and that the *Chinese* did never go thi-

A. 1687 ther to take up any of the Treasure that was lost there, for fear of being lost themselves. But the danger of the place did not daunt us; for we were resolved to try our fortunes there, if the Winds would permit; and we did beat for it 5 or 6 days: but at last were forced to leave that design also for want of Winds; for the S. E. Winds continuing, forced us on the Coast of *China*.

It was the 25th day of *June* when we made the Land; and running in towards the shore we came to an Anchor the same day, on the N. E. end of *St. John's Island*.

This Island is in Lat. about 2 d. 30 min. North, lying on the S. Coast of the Province of *Quantung* or *Canton* in *China*. It is of an indifferent height, and pretty plain, and the Soil fertile enough. It is partly woody, partly *Savannahs* or Pasturage for Cattle; and there is some moist arable Land for Rice. The skirts or outer part of the Island, especially that part of it which borders on the main Sea, is woody: The middle part of it is good thick grassy Pasture, with some groves of Trees; and that which is cultivated Land is low wet Land, yielding plentiful Crops of Rice; the only grain that I did see here. The tame Cattle which this Island affords, are *China* Hogs, Goats, Buffaloes, and some Bullocks. The Hogs of this Island are all black; they have but small Heads, very short thick Necks, great Bellies, commonly touching the ground, and short Legs. They eat but little food, yet they are most of them very fat; probably because they sleep much. The tame Fowls are Ducks, and Cocks and Hens. I saw no wild Fowl but a few small Birds.

The Natives of this Island are *Chinese*. They are subject to the Crown of *China*, and consequently at this time to the *Tartars*. The *Chinese* in general are tall, stout-bodied, raw-boned men. They are

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The Chinese compelled to cut their Hair.

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are long Visaged, and their Foreheads are high; *An. 1687*
but they have little Eyes. Their Noses are pretty
large, with a rising in the middle. Their Mouths
are of a mean size, pretty thin Lips. They are
of an ashy complexion; their Hair is black, and
their Beards thin and long, for they pluck the hair
out by the roots, suffering only some few very
long straggling Hairs to grow about their Chin, in
which they take great pride, often combing them;
and sometimes tying them up in a knot, and they
have such Hairs too growing down from each side
of their upper Lip like Whiskers. The ancient
Chinese were very proud of the Hair of their Heads,
letting it grow very long, and stroking it back
with their Hands curiously, and then winding the
plats all together round a Bodkin, thrust through
it at the hinder part of the Head; and both Men
and Women did thus. But when the *Tartars* con-
quer'd them, they broke them of this custom they
were fond of, by main force; insomuch that they
resented this imposition worse than their subjec-
tion, and rebelled upon it; but being still worried,
were forc'd to acquiesce; and to this day they
follow the fashion of their Masters the *Tartars*, and
shave all their Heads, only reserving one Lock; which
some tye up, others let it hang down to a great
or small length as they please. The *Chinese* in
other Countries still keep their old custom, but if
any of the *Chinese* is found wearing long Hair in
China, he forfeits his Head; and many of them
have abandoned their Country to preserve
their liberty of wearing their Hair, as I have been
told by themselves.

The *Chinese* have no Hats, Caps, or Turbans;
but when they walk abroad, they carry a small
Umbrello in their hands, wherewith they fence
their heads from the Sun or the Rain, by holding
it over their heads. If they walk but a little way,

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An. 1687

they carry only a large Fan made of Paper, or Silk, of the same fashion as those our Ladies have, and many of them are brought over hither: one of these every man carries in his hand if he do but cross the street, skreening his head with it, if he hath not an Umbrello with him.

The common apparel of the men, is a loose Frock and Breeches. They seldom wear Stockings, but they have Shoes, or a sort of Slippers rather. The mens Shoes are made diversly: The women have very small Feet, and consequently but little Shoes; for from their Infancy their Feet are kept swathed up with bands, as hard as they can possibly endure them; and from the time they can go till they have done growing they bind them up every night. This they do purposely to hinder them from growing, esteeming little Feet to be a great Beauty. But by this unteasonable custom they do in a manner lose the use of their Feet, and instead of going they only stumble about their Houses, and presently squat down on their Breeches again, being, as it were, confined to sitting all days of their lives. They seldom stir abroad, and one would be apt to think, that, as some have conjectured, their keeping up their fondness for this fashion were a stratagem of the mens, to keep them from gadding and gossiping about, and confine them at home. They are kept constantly to their work, being fine Needle-Women, and making many curious Embroideries, and they make their own Shoes; but if any Stranger be desirous to bring away any for Novelty's sake, he must be a great Favourite to get a pair of Shoes of them, tho he give twice their value. The poorer sort of Women trudge about streets, and to the Market, without Shoes or Stockings: and these cannot afford to have little feet, being to get their living with them.

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The *Chinese*, both Men and Women, are very ingenious; as may appear by the many curious things that are brought from thence, especially the *Perce-laine* or *China* Earthen Ware. The *Spaniards* of *Manila*, that we took on the Coast of *Luconia*, told me, that this Commodity is made of Conch-shells; the inside of which looks like Mother of Pearl. But the *Portuguese* lately mentioned, who had lived in *Cbina*, and spoke that and the neighbouring Languages very well, said, that it was made of a fine sort of Clay that was dug in the Province of *Canton*. I have often made enquiry about it, but could never be well satisfied in it: but while I was on the Coast of *Canton* I forgot to inquire about it. They make very fine Lacquer Ware also, and good Silks; and they are curious at Painting and Carving.

China affords Drugs in great abundance; especially *China Root*; but this is not peculiar to that Country alone; for there is much of this Root growing in *Jamaica*, particularly at 16 mile walk; and in the Bay of *Honduras* it is very plentiful. There is a great store of Sugar made in this Country; and Tea in abundance is brought from thence; being much used there, and in *Tunquin* and *Cochinchina* as common drinking; Women sitting in the Streets, and selling Dishes of Tea hot and ready made: they call it *Chau*, and even the poorest People sip it. But the Tea at *Tonqueen* or *Cochinchina* seems not so good, or of so pleasant a bitter, or of so fine a colour, or such virtue as this in *Cbina*; for I have drank of it in these Countries: unless the fault be in their way of making it, for I made none there my self: and by the high red colour it looks as if they made a Decoction of it, or kept it stale. Yet at *Japan* I was told there is a great deal of pure Tea, very good.

The *Chinese* are very great Gamesters, and they will never be tired with it, playing night and day,

an. 1687 till they have lost all their Estates; then it is usual with them to hang themselves. This was frequently done by the *Chinese* Factors at *Manila*, as I was told by *Spaniards* that lived there. The *Spaniards* themselves are much addicted to gaming, and are very expert at it; but the *Chinese* are too subtle for them, being in general a very cunning people.

But a particular account of them and their Country would fill a Volume; nor doth my short experience of them qualify me to say much of them. Wherefore to confine my self chiefly to what I observ'd at *St. John's* Island, where we lay some time, and visited the shore every day to buy Provision, as Hogs, Fowl, and Buffaloe. Here was a small Town standing in a wet swampy ground, with many filthy Ponds amongst the Houses, which were built on the ground as ours are, not on posts as at *Mindanao*. In these Ponds were plenty of Ducks; the Houses were small and low, and covered with Thatch, and the inside were but ill furnished, and kept nastily: and I have been told by one who was there, that most of the Houses in the City of *Canton* it self are but poor and irregular.

The Inhabitants of this Village seem to be most Husbandmen: They were at this time very busy in Sowing their Rice, which is their chiefest Commodity. The Land in which they choose to Sow the Rice is low and wet, and when Plowed the Earth was like a mass of Mud. They plow their Land with a small Plow, drawn by one Buffaloe, and one man both holds the Plow, and drives the Beast. When the Rice is ripe and gathered in, they tread it out of the Earth with Buffaloes, in a large round place made with a hard floor fit for that purpose, where they chain 3 or 4 of these Beasts, one at the tail of the other, and driving them round in a ring, as in a Horse-mill, they so order

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 I was once ashore at this Island, with 7 or 8 *En-
 glish* men more, and having occasion to stay some
 time, we killed a small Shote, or young Porker, and
 roasted it for our Dinners. While we were busy
 dressing of our Pork, one of the Natives came and
 sat down by us, and when our Dinner was ready,
 we cut a good piece and gave it him, which he
 willingly received. But by signs he begged more,
 and withal pointed into the Woods : yet we did
 not understand his meaning, nor much mind him,
 till our Hunger was pretty well asswaged; although
 he did still make signs, and walking a little way
 from us, he beckoned to us to come to him ; which
 at last I did, and 2 or 3 more. He going before,
 led the way in a small blind path, through a
 thicket, into a small grove of Trees, in which there
 was an old Idol Temple about 10 foot square : The
 Walls of it were about 9 foot high, and 2 foot
 thick, made of Bricks. The floor was paved with
 broad Bricks, and in the middle of the floor stood
 an old rusty Iron Bell on its brims. This Bell was
 about two foot high, standing flat on the ground ;
 the brims on which it stood were about 16 inches
 diameter. From the brims it did taper away a little
 towards the head, much like our Bells ; but that
 the brims did not turn out so much as ours do. On
 the head of the Bell there were 3 Iron bars as big
 as a mans Arm, and about 10 inches long from the
 top of the Bell, where the ends join'd as in a center,
 and seemed of one Mass with the Bell, as if cast toge-
 ther. These bars stood all parallel to the ground,
 and their further ends, which stood triangularly
 and opening from each other at equal distances,
 like the flyers of our Kitchen Jacks. were made
 exactly in the shape of the paw of some mon-
 strous Beast, having sharp claws on it. This it
 seems was their God : for as soon as our zealous
 Guide

An. 1687 Guide came before the Bell, he fell flat on his face, and beckned to us, seeming very desirous to have us do the like. At the inner side of the Temple against the Walls, there was an Altar of white hewn Stone. The Table of the Altar was about 3 foot long, 16 inches broad, and 3 inches thick. It was raised about two foot from the ground, and supported by 3 small pillars of the same white Stone. On this Altar there were several small Earthen Vessels; one of them was full of small sticks that had been burned at one end. Our Guide made a great many signs for us to fetch and to leave some of our meat there, and seemed very importunate, but we refused. We left him there, and went aboard; I did see no other Temple nor Idol here.

While we lay at this place, we saw several small *China* Jonks, sailing in the *Lagune* between the Islands and the Main, one came and anchored by us. I and some more of our men went aboard to view her: She was built with a square flat Head as well as Stern, only the head or fore part was not so broad as the Stern. On her Deck she had little thatcht Houses like Hovels, covered with Palmeto Leaves, and raised about 3 foot high, for the Seamen to creep into. She had a pretty large Cabin, wherein there was an Altar and a Lamp burning, I did but just look in, and saw not the Idol. The Hold was divided in many small partitions, all of them made so tight, that if a leak should spring up in any one of them, it could go no farther, and so could do but little damage, but only to the Goods in the bottom of that room where the leak springs up. Each of these rooms belong to one or two Merchants; or more, and every man freights his Goods in his own room; and probably lodges there, if he be on board himself. These Jonks have only two Masts, a Main-mast and a Fore-mast. The

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Great Masts. They leave China.

Fore-mast has a square Yard and a square Sail, but the Main-mast has a Sail narrow aloft, like a Sloop's Sail, and in fair weather they use a Top-sail, which is to hale down on the Deck in foul weather, Yard and all; for they do not go up to furl it. The Main-mast in their biggest Jonks seemed to me as big as any third rate Man of Wars Mast in *England*, and yet not pierced as ours, but made of one grown Tree: and in all my Travels I never saw any single Tree-masts so big in the body, and so long, and yet so well tapered, as I have seen in the *Chinese* Jonks.

Some of our men went over to a pretty large Town on the Continent of *China*, where we might have furnished our selves with Provision, which was a thing we were always in want of, and was our chief business here: but we were afraid to lye in this place any longer, for we had some signs of an approaching Storm: this being the time of the year in which Storms are expected on this Coast; and here was no safe Riding. It was now the time of the year for the S. W. Monsoon, but the Wind had been whiffing about from one part of the Compass to another for two or three days, and sometimes it would be quite calm. This caused us to put to Sea, that we might have Sea-room at least; for such flattering weather is commonly the fore-runner of a Tempest.

Accordingly we weighed Anchor, and set out: yet we had very little Wind all the next night. But the day ensuing, which was the 4th day of *July*, about 4 a clock in the afternoon, the Wind came to the N. E. and freshned upon us, and the Sky look'd very black in that quarter, and the black clouds began to rise apace and move towards us; having hung all the morning in the Horizon. This made us take in our Top-sails, and the Wind still increasing, about 9 a clock we rift our Main-sail and Fore-sail:

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fail; at 10 we furl'd our Fore-fail, keeping under
 Main-fail and Mizen. At 11 a clock we furl'd our
 Main-fail, and ballasted our Mizen: at which time
 it began to rain, and by 12 a clock at night it blew
 exceeding hard; and the Rain poured down as
 through a Sieve. It thundered and lightned pro-
 digiously, and the Sea seemed all of a Fire about
 us: for every Sea that broke sparkled like Light-
 ning. The violent Wind raised the Sea presently
 to a great heighth, and it ran very short, and be-
 gan to break in on our Deck. One Sea struck a-
 way the Rails of our Head, and our Sheet Anchor,
 which was stowed with one Flook or bending of
 the Iron, over the Ships Gunal, and lasht very well
 down to the side, was violently washt off, and had
 like to have struck a hole in our Bow, as it lay
 beating against it. Then we were forced to put
 right before the Wind to stow our Anchor again;
 which we did with much ado: but afterwards we
 durst not adventure to bring our Ship to the wind
 again, for fear of foundring, for the turning the
 Ship either to or from the Wind is dangerous in such
 violent Storms. The fierceness of the weather con-
 tinued till 4 a clock that morning; in which time
 we did cut away two Canoas that were towing
 astern.

After four a clock the Thunder and the Rain
 abated, and then we saw a *Corpus Sant* at our Main-
 top-mast head, on the very top of the truck of the
 Spindle. This sight rejoyc'd our Men exceedingly;
 for the height of the Storm is commonly over when
 the *Corpus Sant* is seen aloft: but when they are
 seen lying on the Deck, it is generally accounted
 a bad sign.

A *Corpus Sant* is a certain small glittering light: when
 it appears as this did, on the very top of the Main-
 mast or at a Yard-arm, it is like a Star; but when
 it appears on the Deck, it resembles a great Glow-

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orm. The Spaniards have another Name for it, though I take even this to be a Spanish or Portuguese Name, and a corruption only of *Corpus Sanctum*) and I have been told that when they see them, they presently go to Prayers, and bleis themselves for the happy sight. I have heard some ignorant Seamen discoursing how they have seen them creep, or they say, travel about in the Scuppers, telling many dismal stories that hapned at such times: but I did never see any one stir out of the place where it first was fixt, except upon Deck, where every Sea washeth it about. Neither did I ever see any out when we have had hard rain as well as wind; and therefore do believe it is some Jelly: but enough of this.

We continued scudding right before wind and Sea from 2 till 7 a clock in the morning, and then the wind being much abated, we set our Mizzen again, and brought our Ship to the wind, and lay under a Mizzen till 11. Then it fell flat calm, and it continued so for about 2 hours: but the Sky looked very black and rueful, especially in the S. W. and the Sea tossed us about like an Egg-shell; for want of wind. About one a clock in the afternoon the wind sprung up at S. W. out of the quarter from whence we did expect it: therefore, we presently brail'd up our Mizzen, and wore our Ship: but we had no sooner put our Ship before the wind, but it blew a Storm again, and it rain'd very hard; though not so violently as the night before: but the wind was altogether as boysterous, and so continued till 10 or 11 a clock at night. All which time we scudded, or run before the wind very swift, tho only with our bare Poles, that is, without any Sail abroad. Afterwards the wind died away by degrees, and before day we had but little wind, and fine clear weather.

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I was never in such a violent Storm in all my life; so said all the company. This was near the change of the Moon: it was 2 or 3 days before the change. The 6th day in the morning, having fine handsome weather, we got up our Yards again, and began to dry our selves and our cloaths, for we were all well sopt. This Storm had deadned the hearts of our men so much, that instead of going to buy more Provision at the same place from whence we came before the Storm, or of seeking any more for the Island *Prata*, they thought of going somewhere to shelter before the Full Moon, for fear of another such Storm at that time: For commonly, if there is any very bad weather in the month, it is about 2 or 3 days before or after the Full, or Change of the Moon.

These thoughts, I say, put our men on thinking where to go, and the Drafts or Sea-plats being first consulted, it was concluded to go to certain Islands lying in lat. 23 d. N. called *Piscadores*. For there was not a man aboard that was any thing acquainted on these Coasts; and therefore all our dependence was on the Drafts, which only pointed out to us where such and such places or Islands were, without giving us any account, what Harbour, Roads, or Bays there were; or the produce, strength, or trade of them: these we were forced to seek after our selves.

The *Piscadores* are a great many inhabited Islands, lying near the Island *Formosa*, between it and *China*, in or near the lat. of 23 deg. N. lat. almost as high as the Tropick of *Cancer*. These *Piscadore* Islands are moderately high, and appear much like our *Dorsetshire* and *Wiltshire Downs* in *England*. They produce thick short Grass, and a few Trees. They are pretty well watered, and they feed abundance of Goats, and some great Cattle. There are abundance of Mounts and old Fortifications on them:

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Between the 2 Eastermost Islands there is a very good Harbour, which is never without Jonks riding in it: and on the West side of the Easternmost Island there is a large Town and Fort commanding the Harbour. The Houses are but low, yet well built: and the Town makes a fine prospect. This is a Garrison of the *Tartars*, wherein are also 3 or 400 Soldiers; who live here 3 years, and then they are removed to some other place.

On the Island, on the West side of the Harbour, close by the Sea, there is a small Town of *Chinese*, and most of the other Islands have some *Chinese* living on them, more or less.

Having, as I said before, concluded to go to these Islands, we steered away for them, having the Wind at W. S. W. a small gale. The 20th day of *July* we had first sight of them, and steered in among them; finding no place to anchor in till we came into the Harbour before-mentioned. We blundered in, knowing little of our way, and we admired to see so many Jonks going and coming, and some at an anchor, and so great a Town as the Neighbouring Eastermost Town, the *Tartarian* Garrison; for we did not expect, nor desire, to have seen any people, being in care to lye conceal'd in these Seas; however, seeing we were here, we boldly run into the Harbour, and presently sent ashore our Canoa to the Town.

Our people were met by an Officer at their landing; and our Quarter-master, who was the chiefest man in the Boat, was conducted before the Governour and examined, of what Nation we were, and what was our business here. He answered that we were *English*, and were bound to *Amoy*, or *Anbay*, which is a City standing on a Navigable River in the Province of *Fokien* in *China*, and is a place of vast Trade, there being a huge multi-

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An. 1687 titude of Ships there, and in general on all these Coasts, as I have heard of several that have been there. He said also, that having received some damage by a storm, we therefore put in here to refit, before we would adventure to go farther; and that we did intend to lye here till after the full Moon, for fear of another storm. The Governour told him, that we might better refit our Ship at *Amoy* than here, and that he heard that two *English* Vessels were arrived there already; and that he should be very ready to assist us in any thing, but we must not expect to Trade there, but must go to the places allowed to entertain Merchant Strangers, which were *Amoy* and *Macao*. *Macao* is a Town of great Trade also, lying in an Island at the very mouth of the River of *Canton*. 'Tis fortified and garrisoned by a large *Portuguese* Colony, but yet under the *Chinese* Governour, whose people inhabit one moyety of the Town, and lay on the *Portuguese* what Tax they please; for they dare not disoblige the *Chinese*, for fear of losing their Trade. However, the Governour very kindly told our Quarter-master, that whatsoever we wanted, if that place could furnish us, we should have it. Yet that we must not come ashore on that Island, but he would send aboard some of his men, to know what we wanted, and they should also bring it off to us. That nevertheless we might go on shore on the other Islands to buy refreshments of the *Chinese*. After the discourse was ended, the Governour dismiss him, with a small jar of Flower, and 3 or 4 large Cakes of very fine Bread, and about a dozen Pine-apples and Water-melons, (all very good in their kind) as a Present to the Captain.

The next day an eminent Officer came aboard, with a great many Attendants. He wore a black Silk Cap of a particular make, with a plume of black

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black and white Feathers, standing up almost round his head behind, and all his outside Cloaths were black Silk. He had a loose black Coat, which reached to his Knees, and his Breeches were of the same; and underneath his Coat he had two Garments more, of other coloured Silk. His Legs were covered with small black limber Boots. All his Attendants were in a very handsom garb of black Silk, all wearing those small black Boots and Caps. These Caps were like the Crown of a Hat made of Palmeto-leaves, like our Straw-hats; but without brims, and coming down but to their Ears. These had no Feathers, but had an oblong Button on the top; and from between the Button and the Cap, there fell down all round their Head as low as the Cap reached, a sort of coarse Hair like Horse-hair, dyed (as I suppose) of a light red colour.

The Officer brought aboard, as a present from the Governour, a young Heifer, the fattest and kindest Beef, that I did ever taste in any foreign Country: 'Twas small yet full grown; 2 large Hogs, 4 Goats, 2 Baskets of fine Flower, 20 great flat Cakes of fine well tasted Bread, 2 great Jars of Arack, (made of Rice as I judged) called by the *Chinese*, *Sam Shu*; and 55 Jars of *Hog Shu*, as they call it, and our *Europeans* from them. This is a strong Liquor, made of Wheat as I have been told. It looks like Mum, and tastes much like it, and is very pleasant and hearty. Our Seamen love it mightily, and will lick their Lips with it: for scarce a Ship goes to *China*, but the men come home fat with soaking this Liquor, and bring store of Jars of it home with them. It is put into small white thick Jars, that hold near a quart: The double Jars hold about two quarts. These Jars are small below, and thence rise up with a pretty full belly, closing in pretty short at top, with a small thick mouth. Over

Aug. 1687 the mouth of the Jar they put a thin chip cut round, just so as to cover the mouth, over that a piece of paper, and over that they put a great lump of clay, almost as big as the Bottle or Jar it self, with a hollow in it, to admit the neck of the Bottle, made round and about 4 inches long; this is to preserve the Liquor. If the Liquor take any vent it will be fowre presently, so that when we buy any of it, of the Ships from *China* returning to *Maderas*, or *Fert St. George*, where it is then sold, or of the *Chinese* themselves, of whom I have bought it at *Achin*, and *Bancouli* in *Sumatra*, if the clay be crackt, or the Liquor mothery, we make them take it again. A quart Jar there is worth Sixpence. Besides this present from the Governour, there was a Captain of a Jonk sent two Jars of *Arack*, and abundance of Pine-apples, and Water-melons.

Captain *Read* sent ashore, as a Present to the Governour, a curious *Spanish* Silver-hilted Rapier, an *English* Carbine, and a Gold Chain, and when the Officer went ashore, three Guns were fired. In the afternoon the Governour sent off the same Officer again, to complement the Captain for his civility, and promised to retaliate his kindness before we departed; but we had such blustering weather afterward, that no Boat could come aboard.

We stayed here till the 29th day, and then sailed from hence with the wind at S. W. and pretty fair weather. We now directed our course for some Islands we had chosen to go to, that lye between *Formosa* and *Luconia*. They are laid down in our plots without any name, only with a figure of 5, denoting the number of them. It was supposed by us, that these Islands had no Inhabitants, because they had not any name by our Hydrographers. Therefore we thought to lye there secure, and be pretty near the Island *Luconia*, which we did still intend to visit. In

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In going to them we sailed by the South West end of *Formosa*, leaving it on our larboard side. This is a large Island; the South end is in lat. 21 d. 20 m. and the North end in 25 d. 10 m. North lat. the longitude of this Isle is laid down from 142 d. 5 m. to 143 d. 16 m. reckoning East from the pike of *Tenariffe*; so that 'tis but narrow; and the Tropick of *Cancer* crosses it. It is a high and woody Island, and was formerly well inhabited by the *Chinese*, and was then frequently visited by *English* Merchants, there being a very good Harbour to secure their Ships. But since the *Tartars* have conquered *China*, they have spoiled the Harbour, (as I have been informed) to hinder the *Chinese* that were then in Rebellion, from fortifying themselves there; and ordered the foreign Merchants to come and trade on the Main.

The 6th day of *August* we arrived at the five Islands that we were bound to, and anchored on the East side of the Northermost Island, in 15 fathom, a Cables length from the shore. Here, contrary to our expectation, we found abundance of Inhabitants in sight; for there were 3 large Towns all within a league of the Sea; and another larger Town than any of the three, on the back side of a small hill close by also, as we found afterwards. These Islands lye in lat. 20 d. 20 m. North lat. by my observation, for I took it there, and I find their Longitude according to our Drafts, to be 141 d. 50 m. These Islands having no particular Names in the Drafts, some or other of us made use of the Seamiens priviledge, to give them what names we pleased. Three of the Islands were pretty large; the Westernmost is the biggest. This the *Dutch* men who were among us called the Prince of *Orange's* Island, in honour of his present Majesty. It is about 7 or 8 leagues long, and about 2 leagues wide; and it lies almost N. and S.

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The other two great Islands are about 4 or 5 leagues to the Eastward of this. The Northermost of them, where we first anchored, I called the D. of *Grafton's* Isle, as soon as we landed on it: having married my Wife out of his Dutcheff's Family, and leaving her at *Arlington* house, at my going aboard. This Isle is about 4 leagues long, and one league and a half wide, stretching North and South. The other great Isle our Seamen called the Duke of *Monmouth's* Island. This is about a league to the Southward of *Grafton* Isle. It is about 3 leagues long, and a league wide, lying as the other. Between *Monmouth* and the South end of *Orange* Island, there are two small Islands of a roundish form, lying East and West. The Eastermost Island of the two, our men unanimously called *Bashee* Island, from a Liquor which we drank there plentifully every day, after we came to an anchor at it. The other which is the smallest of all, we called *Goat* Island, from the great number of Goats there: and to the Northward of them all, are two high Rocks.

Orange Island, which is the biggest of them all, is not inhabited. It is high Land, flat, and even on the top, with steep cliffs against the Sea: for which reason we could not go ashore there, as we did on all the rest.

I have made it my general observation, that where the Land is fenced with steep Rocks and Cliffs against the Sea, there the Sea is very deep, and seldom affords anchor ground; and on the other side where the Land falls away with a declivity into the Sea, (altho the Land be extraordinary high within, yet) there are commonly good foundings, and consequently anchoring; and as the visible declivity of the Land appears near, or at the edge of the Water, whether pretty steep, or more sloping, so we commonly find our anchor ground

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ground to be, more or less deep or steep; there-
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 off, as we see convenient; for there is no Coast
 in the World, that I know, or have heard of,
 where the Land is of a continual height, without
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 mixt with the high Land. They are these subsi-
 dings of Valleys or low Lands, that make dents
 in the shore, and Creeks, small Bays, and Harbours,
 or little Coves, &c. which afford good anchoring,
 the surface of the Earth being there lodged deep
 under Water. Thus we find many good Harbours
 on such Coasts, where the Land bounds the Sea
 with steep Cliffs, by reason of the Declivities, or
 subsiding of the Land between these Cliffs: But
 where the Declension from the Hills, or Cliffs, is
 not within Land, between Hill and Hill, but, as
 on the Coast of *Chili* and *Peru*, the Declivity is to-
 ward the Main Sea, or into it, the Coast being
 perpendicular, or very steep from the neighbouring
 Hills, as in those Countries from the *Andes*, that
 run along the shore, there is a deep Sea, and few
 or no Harbours, or Creeks. All that Coast is too
 steep for anchoring, and hath the fewest Roads
 fit for Ships of any Coast I know. The Coasts of
Gallicia, *Portugal*, *Norway*, and *Newfoundland*, &c.
 are Coasts like the *Peruvian*, and the high Islands
 of the *Archipelago*; but yet not so scanty of good
 Harbours; for where there are short Ridges of
 Land, there are good Bays at the extremities of
 those Ridges, where they plunge into the Sea; as
 on the Coast of *Caraccos*, &c. The Island of *John*
Fernando, and the Island *St. Helena*, &c. are such
 high Land with deep shore: and in general, the
 plunging of any Land under Water, seems to be
 in proportion to the rising of its continuous part
 above Water, more or less steep; and it must be
 a bottom almost level, or very gently declining,

An. 1687 that affords good anchoring, Ships being soon driven from their Moorings on a steep bank. Therefore we never strive to anchor where we see the Land high, and bounding the Sea with steep Cliffs; and for this reason, when we came in sight of *States* Island near *Terra del Fuego*, before we entered into the South Seas, we did not so much as think of anchoring after we saw what Land it was, because of the steep Cliffs which appear'd against the Sea: Yet there might be little Harbours or Coves for Shallops, or the like, to anchor in, which we did not see nor search after.

As high steep Cliffs bounding on the Sea have this ill consequence, that they seldom afford anchoring; so they have this benefit, that we can see them far off, and sail close to them, without danger: for which reason we call them Bold Shores. Whereas low Land, on the contrary, is seen but a little way, and in many places we dare not come near it, for fear of running aground before we see it. Besides, there are in many places shoals thrown out by the course of great Rivers, that from the low Land fall into the Sea.

This which I have said, that there is usually good anchoring near low Lands, may be illustrated by several instances. Thus on the South side of the Bay of *Campeachy*, there is mostly low Land, and there also is good anchoring all along shore; and in some places to the Eastward of the Town of *Campeachy*, we shall have so many fathom as we are leagues off from Land; that is, from 9 or 10 leagues distance, till you come within 4 leagues; and from thence to Land it grows but shallower. The Bay of *Honduras* also is low Land, and continues mostly so, as we pass along from thence to the Coasts of *Portobel*, and *Cartagena*, till we came as high as *Santa Martha*; afterwards the Land is low again, till you come towards the Coast of

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Caraccus; which is a high Coast and bold shore. The Land about *Surinam* on the same Coast is low and good anchoring, and that over on the Coast of *Guinea* is such also. And such too is the Bay of *Panama*, where the Pilot-book orders the Pilot always to sound, and not to come within such a depth, be it by night or day. In the same Seas, from the high Land of *Guatemala* in *Mexico*, to *California*, there is mostly low Land and good anchoring. In the Main of *Asia*, the Coast of *China*, the Bays of *Siam* and *Bengal*, and all the Coast, of *Cromandel*, and the Coast about *Malacca*, and against it the Island *Sumatra*, on that side, are mostly low anchoring shores. But on the West side of *Sumatra*, the shore is high and bold; so most of the Islands lying to the Eastward of *Sumatra*; as the Islands *Borneo*, *Celebes*, *Gilolo*, and abundance of Island of less note, lying scattering up and down those Seas, are low Land and have good anchoring about them, with many shoals scattered to and fro among them; but the Islands lying against the *East Indian Ocean*, especially the West sides of them, are high Land and steep, particularly the West parts, not only of *Sumatra*, but also of *Java*, *Timor*, &c. Particulars are endless; but in general, 'tis seldom but high Shores and deep Waters, and on the other side, low Land and shallow Seas, are found together.

But to return from this digression, to speak of the rest of these Islands. *Monmouth* and *Grafton* Isles are very hilly, with many of those steep inhabited Precipices on them, that I shall describe particularly. The two small Islands are flat and even; only the *Bashee* Island hath one steep scraggy Hill, but *Goat-Island* is all flat and very even.

The mold of these Islands in the Valleys, is blackish in some places, but in most red. The

An. 1687

Hills are very rocky: The Valleys are well watered with Brooks of fresh water, which run into the Sea in many different places. The Soil is indifferent fruitful, especially in the Valleys; producing pretty great plenty of Trees (tho not very big) and thick Grass. The sides of the Mountains have also short Grass; and some of the Mountains have Mines within them, for the Natives told us, that the yellow Metal they shew'd us, (as I shall speak more particularly) came from these Mountains; for when they held it up they would point towards them.

The fruit of the Islands are a few Plantains, Bonanoes, Pine-apples, Pumpkins, Sugar-canes, &c. and there might be more if the Natives would, for the ground seems fertile enough. Here are great plenty of Potatoes, and Yames, which is the common food for the Natives, for bread kind: for those few Plantains they have, are only used as Fruit. They have some Cotton growing here of the small plants.

Here are plenty of Goats, and abundance of Hogs; but few Fowls either wild or tame. For this I have always observed in my Travels, both in the *East* and *West Indies*, that in those places where there is plenty of Grain, that is, of Rice in the one, and Maiz in the other, there are also found great abundance of Fowls; but on the contrary, few Fowls in those Countries, where the Inhabitants feed on Fruits and Roots only. The few wild Fowls that are here, are Parakites, and some other small Birds. Their tame Fowl are only a few Cocks and Hens.

Monmouth and *Grafton* Islands are very thick inhabited: and *Bashee* Island hath one Town on it. The Natives of these Islands are short squat people; they are generally round visaged, with low Foreheads, and thick Eye-brows; their Eyes of a hazel

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short low Noses, and their Lips and Mouths middle proportioned. Their Teeth are white; their Hair is black, and thick, and lank, which they wear but short; it will just cover their Ears, and so it is cut round very even. Their Skins are of a very dark copper colour.

They wear no Hat, Cap, nor Turbat, nor any thing to keep off the Sun. The men for the biggest part have only a small clout to cover their Nakedness; some of them have Jackets made of Plantain leaves, which were as rough as any Bears skin: I never saw such rugged things. The Women have a short Petticoat made of Cotton, which comes a little below their Knees. It is a thick sort of stubborn cloath, which they make themselves of their Cotton. Both Men and Women do wear large Ear-rings, made of that yellow Metal before mention'd. Whether it were Gold or no I cannot positively say: I took it to be so, it was heavy, and of the colour of our paler Gold. I would fain have brought away some to have satisfied my curiosity; but I had nothing wherewith to buy any. Captain *Read* bought 2 of these Rings with some Iron, of which the people are very greedy: and he would have bought more, thinking he was come to a very fair Market; but that the paleness of the Metal made him and his Crew distrust its being right Gold. For my part, I should have ventur'd on the purchase of some: but having no property in the Iron, of which we had great store on board, sent from *England* by the Merchants along with Captain *Swan*, I durst nor barter it away.

These Rings when first polished look very gloriously, but time makes them fade, and turn to a pale yellow. Then they make a soft paste of red earth, and smearing it over their Rings, they cast them into a quick fire, where they remain till they

be

An. 1687 be red hot: then they take them out and cool them in water, and rub off the paste; and they look again of a glorious colour and lustre.

These people make but small low Houses. The sides, which are made of small posts, wattied with boughs, are not above 4 foot and an half high: the ridge pole is about 7 or 8 foot high. They have a fire-place at one end of their Houses, and boards placed on the ground to lye on. They inhabit together in small Villages, built on the sides and tops of rocky hills; 3 or 4 rows of Houses one above another, and on such steep precipices, that they go up to the first row with a wooden Ladder, and so with a Ladder still from every story up to that above it, there being no way to ascend. The Plain on the first precipice may be so wide, as to have room both for a row of Houses that stand all along on the edge or brink of it, and a very narrow street running along before their doors, between the row of Houses and the foot of the next precipice; the plain of which is in a manner level to the tops of the Houses below, and so for the rest. The common Ladder to each row or street comes up at a narrow passage left purposely about the middle of it; and the street being bounded with a precipice also at each end, 'tis but drawing up the Ladder, if they be assaulted, and then there is no coming at them from below, but by climbing up as against a perpendicular wall: and that they may not be assaulted from above, they take care to build on the side of such a hill, whose backside hangs over the Sea, or is some high, steep, perpendicular precipice, altogether inaccessible. These precipices are natural; for the Rocks seem too hard to work on; nor is there any sign that Art hath been employed about them. On *Bashee* Island there is one such, and built upon, with its back next the Sea. *Grafton* and *Monmouth* Isles are very thick

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thick set with these Hills and Towns: and the Natives, whether for fear of Pyrates, or Foreign Enemies, or Factions among their own Clans, care not for building but in these Fastnesses: which I take to be the reason that *Orange Isle*, though the the largest, and as fertile as any, yet being level, and exposed, hath no Inhabitants. I never saw the like Præcipes and Towns.

These People are pretty ingenious also in building Boats. Their small Boats are much like our *Deal Yalls*, but not so big; and they are built with very narrow Plank, pinn'd with Wooden Pins, and some Nails. They have also some pretty large Boats, which will carry 40 or 50 Men. These they row with 12 or 14 Oars of a side. They are built much like the small ones, and they row double banked; that is, two Men setting on one Bench, but one rowing on one side, the other on the other side of the Boat. They understand the use of Iron, and work it themselves. Their Bel-lows are like those at *Mindanao*.

The common employment for the Men is Fishing; but I did never see them catch much: whether it is more plenty at other times of the year I know not. The Women do manage their Plantations.

I did never see them kill any of their Goats or Hogs for themselves, yet they would beg the Paunches of the Goats that they themselves did sell to us: and if any of our surly Seamen did heave them into the Sea, they would take them up again, and the Skins of the Goats also. They would not meddle with Hogs-guts; if our Men threw away any beside what they made Chitterlings and Saufages of. The Goat-skins these people would carry athore, and making a fire they would singe off all the hair, and afterwards let the skin lye and parch on the coals, till they thought it eatable: and then they would

An. 1687 would gnaw it, and tear it in pieces with their teeth, and at last swallow it. The Paunches of the Goats would make them an excellent dish: they dress it in this manner. They would turn out all the chopt grass and crudities found in the Maw into their Pots, and set it over the fire, and stir it about often: this would smoak, and puff, and heave up as it were boiling; wind breaking out of the ferment, and making a very savory stink. While this was doing, if they had any Fish, as commonly they had 2 or 3 small Fish, these they would make very clean (as hating Nastiness belike) and cut the flesh from the bone, and then mince the flesh as small as possibly they could, and when that in the Pot was well boil'd, they would take it up, and strewing a little Salt into it, they would eat it, mixt with their raw minc'd fish. The dung in the Maw would look like so much boil'd Herbs minc'd very small; and they took up their mess with their fingers, as the *Moors* do their Pilaw, using no Spoons.

They had another dish made of a sort of Locusts, whose bodies were about an inch and an half long, and as thick as the top of one's little finger; with large thin Wings, and long and small Legs. At this time of the year these creatures came in great swarms to devour their Potato-leaves and other Herbs; and the Natives would go out with small Nets, and take a quart at one sweep. When they had enough, they would carry them home, and parch them over the fire in an earthen Pan; and then their Wings and Legs would fall off, and their Heads and Backs would turn red like boil'd Shrimps, being before brownish. Their bodies being full, would eat very moist, their heads would crackle in ones teeth. I did once eat of this Dish, and liked it well enough: but their other Dish my stomach would not take.

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Their common drink is Water ; as it is of all other *Indians* : beside which they make a sort of drink with the juice of the Sugar-cane, which they boyl, and put some small black sort of Berries among it. When it is well boyled, they put it into great Jars, and let it stand 3 or 4 days, and work. Then it settles, and becomes clear, and is presently fit to drink. This is an excellent Liquor, and very much like *English Beer*, both in colour and taste. It is very strong, and I do believe very wholesome : for our men, who drank briskly of it all day for several weeks, were frequently drunk with it, and never sick after it. The Natives brought a vast deal of it every day to those aboard and ashore : for some of our men were ashore at work on *Bashee Island* ; which Island they gave that name to from their drinking this Liquor there ; that being the name which the Natives call'd this Liquor by : and as they sold it to our men very cheap, so they did not spare to drink it as freely. And indeed from the plenty of this Liquor, and their plentiful use of it, our Men call'd all these Islands, the *Bashee Islands*.

What Language these people do speak I know not : for it had no affinity in sound to the *Chinese*, which is spoke much through the teeth ; nor yet to the *Malayan* Language. They called the Metal that their Ear-rings were made of *Bullawan*, which is the *Mindanso* word for Gold ; therefore probably they may be related to the *Philippine Indians* ; for that is the general Name for Gold among all those *Indians*. I could not learn from whence they have their Iron : but it is most likely they go in their great Boats to the North end of *Luconia*, and trade with the *Indians* of that Island for it. Neither did I see any thing beside Iron, and pieces of Buffaloes Hides, which I could judge that they bought of Strangers : Their Cloaths were of their own growth and manufacture.

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These men had Wooden Lances, and a few Lances headed with Iron; which are all the Weapons that they have. Their Armour is a piece of Buffaloe-hide, shaped like our Carters Frocks, being without Sleeves, and sowed both sides together, with holes for the Head and the Arms to come forth. This Buff-Coat reaches down to their Knees: It is close about their Shoulders, but below it is 3 foot wide, and as thick as a Board.

I could never perceive them to worship any thing, neither had they any Idols: neither did they seem to observe any one day more than other. I could never perceive that one man was of greater power than another; but they seemed to be all equal: only every man ruling in his own House, and the Children respecting and honouring their Parents.

Yet 'tis probable that they have some Law, or Custome, by which they are governed: for while we lay here we saw a young man buried alive in the Earth; and 'twas for Theft, as far as we could understand from them. There was a great deep hole dug, and abundance of people came to the place to take their last farewell of him: Among the rest, there was one Woman who made great lamentation, and took off the condemned persons Ear-rings. We supposed her to be his Mother. After he had taken his leave of her and some others, he was put into the pit, and covered over with Earth. He did not struggle, but yielded very quietly to his punishment: and they cramm'd the Earth close upon him, and stifled him.

They have but one Wife, with whom they live and agree very well; and their Children live very obediently under them. The Boys go out a Fishing with their Fathers, and the Girls live at home with their Mothers: and when the Girls are grown pretty strong, they send them to their Plantations,

to

to dig Yames and Potatoes ; of which they bring *Am. 1687*
home on their heads every day enough to serve the
whole family : for they have no Rice nor Maiz.

Their Plantations are in the Valleys, at a good
distance from their Houses : where every man has
a certain spot of Land, which is properly his own.
This he manageth himself for his own use ; and
provides enough, that he may not be beholding to
his neighbour.

Notwithstanding the seeming nastiness of their
Dish of Goats Maw, they are in their Persons a very
neat cleanly people, both Men and Women : And
they are withal the quietest and civilest people that
I did ever meet with. I could never perceive them
to be angry with one another. I have admired to
see 20 or 30 Boats aboard our Ship at a time, and
yet no difference among them ; but all civil and
quiet, endeavouring to help each other on occasi-
on : No noise, nor appearance of distaste : and al-
though sometimes cross accidents would happen,
which might have set other men together by the
ears, yet they were not moved by them. Some-
times they will also drink freely, and warm them-
selves with their drink ; yet neither then could I
ever perceive them out of humour. They are not
only thus civil among themselves, but very obliging
and kind to strangers : nor were their Children
rude to us, as is usual. Indeed the Women, when
we came to their houses, would modestly beg any
Rags, or small pieces of Cloath, to swaddle their
young ones in ; holding out their Children to us :
and begging is usual among all these wild Nations.
Yet neither did they beg so importunately as in
other places ; nor did the Men ever beg any thing
at all. Neither, except once at the first time that
we came to an Anchor, (as I shall relate) did they
steal any thing ; but deal justly, and with great
sincerity with us ; and make us very welcome to
their

An. 1687

their houses with *Bashee* drink. If they had none of this Liquor themselves, they would buy a Jar of Drink of their neighbours, and sit down with us: for we could see them go and give a piece or two of their Gold for some Jars of *Bashee*. And indeed among *Wild Indians*, as these seem to be, I wonder'd to see buying and selling, which is not so usual; nor to converse so freely, as to go aboard strangers Ships with so little caution: Yet their own small Trading may have brought them to this. At these Entertainments, they and their Family, Wife and Children, drank out of small Callabashes: and when by themselves, they drink about from one to another; but when any of us came among them, then they would always drink to one of us.

They have no sort of Coin: but they have small crumbs of the Metal before described, which they bind up very safe in Plantain Leaves, or the like. This Metal they exchange for what they want, giving a small quantity of it, about 2 or 3 grains, for a Jar of Drink, that would hold 5 or 6 Gallons. They have no Scales, but give it by guess: Thus much in general.

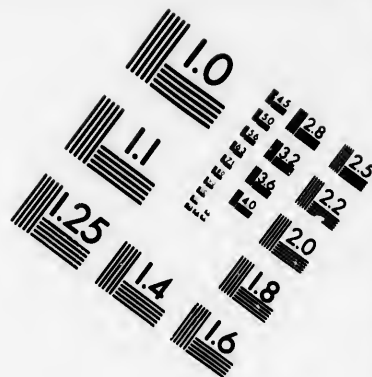
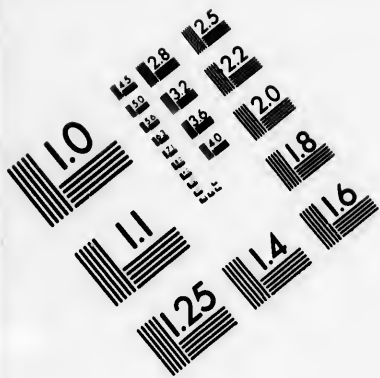
To proceed therefore with our affairs, I have said before, that we anchored here the 6th day of *August*. While we were furling our Sails there came near 100 Boats of the Natives aboard, with 3 or 4 Men in each; so that our Deck was full of Men. We were at first afraid of them, and therefore got up 20 or 30 small Arms on our Poop, and kept 3 or 4 Men as Centinels, with Guns in their hands, ready to fire on them if they had offered to molest us. But they were pretty quiet, only they pickt up such old Iron that they found on our Deck, and they also took out our Pump Bolts, and Linch-Pins out of the Carriages of our Guns, before we perceived them. At last, one of our Men perceived

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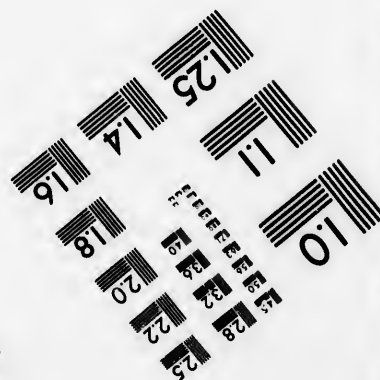
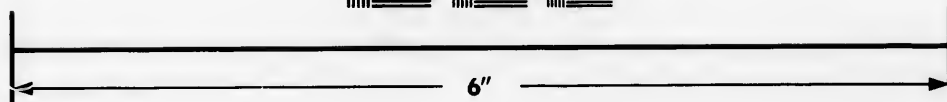
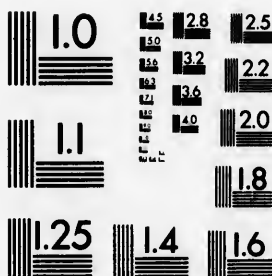
ceived them very busy getting out one of our Linch Pins; and took hold of the fellow, who immediately bawl'd out, and all the rest presently leaped over-board, some into their Boats, others into the Sea; and they all made away for the shore. But when we perceived their fright we made much of him that was in hold, who stood trembling all the while; and at last we gave him a small piece of Iron, with which he immediately leapt overboard, and swam to his Conforts; who hovered about our Ship to see the issue. Then we beckned to them to come aboard again, being very loth to lose a commerce with them. Some of the Boats came aboard again, and they were always very honest and civil afterwards.

We presently after this sent a Canoa ashore, to see their manner of living, and what Provision they had: The Canoas Crew were made very welcome with *Bashee* drink, and saw abundance of Hogs; some of which they bought, and returned aboard. After this the Natives brought aboard both Hogs and Goats to us in their own Boats: and every day we should have 15 or 20 Hogs and Goats in Boats aboard by our side. These we bought for a small matter: we could buy a good fat Goat for an old Iron Hoop, and a Hog of 70 or 80 pound weight for 2 or 3 pound of Iron. Their Drink also they brought off in Jars, which we bought for old Nails, Spikes, and Leaden Bullets. Beside the forementioned Commodities, they brought aboard great quantities of Yams and Potatoes; which we purchased for Nails, Spikes, or Bullets. It was one Man's work to be all day cutting out Bars of Iron into small pieces with a cold Chisel: and these were for the great purchases of Hogs and Goats, which they would not sell for Nails, as their Drink and Roots. We never let them know what store we have; that they may value it the more.





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Aug. 1687 Every morning, as soon as it was light, they would thus come aboard with their Commodities; which we bought as we had occasion. We did commonly furnish our selves with as many Goats and Roots as served us all the day; and their Hogs we bought in large quantities, as we thought convenient; for we salted them. Their Hogs were very sweet: but I never saw so many meazled ones.

We filled all our Water at a curious Brook close by us in *Graftons* Isle, where we first anchored. We stayed there about 3 or 4 days, before we went to other Islands. We sailed to the Southward, passing on the East side of *Grafton* Island, and then passed thro between that and *Monmouth* Island; but we found no anchoring till we came to the North end of *Monmouth* Island, and there we stopt during one Tide. The Tide runs very strong here, and sometimes makes a short chopping Sea. Its course amongst these Islands is S. by E. and N. by W. The flood sets to the North, and ebb to to the South, and it riseth and falleth 8 foot.

When we went from hence, we coasted about 2 leagues to the Southward, on the West side of *Monmouth* Island; and finding no anchor ground, we stood over to *Bashee* Island, and came to an anchor on the North East part of it, against a small sandy Bay, in 7 fathom clean hard sand, and about a quarter of a mile from the shore. Here is a pretty wide Channel between these two Islands, and anchoring all over it. The depth of Water is 12, 14, and 16 fathom.

We presently built a Tent ashore, to mend our Sails in, and stay'd all the rest of our time here, *viz.* from the 13th day of *August* till the 26 day of *September*. In which time we mended our Sails, and scrubbed our Ships bottom very well: and every day some of us went to their Towns, and were kindly

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An. 1687

kindly entertained by them. Their Boats also came aboard with their Merchandife to sell, and lay aboard all day; and if we did not take it off their hands one day, they would bring the same again the next.

We had yet the Winds at S. W. and S. S. W. mostly fair weather. In *October* we did expect the Winds to shift to the N. E. and therefore we provided to sail (as soon as the Eastern Monsoon was settled) to cruise off of *Manila*. Accordingly we provided a stock of Provision. We salted 70 or 80 good fat Hogs, and bought Yams and Potatoes good store to eat at Sea.

About the 24th day of *September*, the Winds shifted about to the East, and from thence to the N. E. fine fair weather. The 25th it came at N. and began to grow fresh, and the Sky began to be clouded; and the Wind freshned on us.

At 12 a clock at night it blew a very fierce storm. We were then riding with our best Bower a head, and though our Yards and Top-mast were down, yet we drove. This obliged us to let go our Sheet Anchor, veering out a good scope of Cable, which stopt us till 10 or 11 a clock the next day. Then the Wind came on so fierce, that she drove again, with both Anchors a head. The Wind was now at N. by W. and we kept driving till 3 or 4 a clock in the afternoon: and it was well for us that there were no Islands, Rocks, or Sands in our way, for if there had, we must have been driven upon them. We used our utmost endeavours to stop her, being loath to go to Sea, because we had 6 of our Men ashore, who could not get off now. At last we were driven out into deep Water, and then it was in vain to wait any longer: Therefore we hove in our Sheet Cable, and got up our Sheet Anchor, and cut away our best Bower, (for to have heav'd her up then would

An. 1687 have gone near to have foundred us) and so put to Sea. We had very violent weather the night ensuing, with very hard Rain, and we were forced to scud with our bare poles till 3 a clock in the morning. Then the Wind slacken'd, and we brought our Ship to, under a mizen, and lay with our head to the Westward. The 27th day the Wind abated much, but it rained very hard all day, and the night ensuing. The 28th day the Wind came about to the N. E. and it cleered up, and blew a hard gale, but it stood not there, for it shifted about the Eastward, thence to the S. E. then to the South, and at last it settled at S. W. and then we had a moderate gale and fair weather.

It was the 29th day when the Wind came to the S. W. Then we made all the sail we could for the Island again. The 30th day we had the Wind at West, and saw the Islands; but could not get in before night. Therefore we stood off to the Southward till 2 a clock in the morning; then we tackt, and stood in all the morning, and about 12 a clock, the 1st day of *October*, we anchored again at the place from whence we were driven.

Then our 6 men were brought aboard by the Natives, to whom we gave 3 whole bars of Iron, for their kindness and civility, which was an extraordinary Present to them. Mr. *Robert Hall*, was one of the men that was left ashore. I shall speak more of him hereafter. He and the rest of them told me, that after the Ship was out of sight, the Natives began to be more kind to them than they had been before, and perswaded them to cut their Hair short, as theirs was, offering to each of them if they would do it, a young Woman to Wife, and a small Hatchet, and other Iron Utenfils, fit for a Planter, in Dowry; and withal shewed them

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them a piece of Land for them to manage. They were courted thus by several of the Town where they then were: but they took up their head-quarters at the house of him with whom they first went ashore. When the Ship appeared in sight again, then they importuned them for some Iron, which is the chief thing that they covet, even above their Ear-rings. We might have bought all their Ear-rings, or other Gold they had, with our Iron-bars, had we been assur'd of its goodness: and yet when it was touch'd, and compared with other Gold, we could not discern any difference, [tho it look'd so pale in the lump: but the seeing them polish it so often, was a new discouragement.

This last Storm put our Men quite out of heart: for although it was not altogether so fierce as that which we were in on the Coast of *China*, which was still fresh in memory, yet it wrought more powerfully, and frighted them from their design of cruising before *Manila*, fearing another Storm there. Now every Man wisht himself at home, as they had done an hundred times before: but Captain *Reed*, and Captain *Teat* the Master, perswaded them to go towards *Cape Comorin*, and then they would tell them more of their minds, intending doubtless to cruize in the *Red Sea*: and they easily prevailed with the Crew.

The Eastern Monsoon was now at hand, and the best way had been to go through the Streights of *Malacca*: but Captain *Teat* said it was dangerous, by reason of many Islands and Shoals there, with which none of us were acquainted. Therefore he thought it best to go round on the East side of all the *Philippine* Islands, and so keeping South toward the *Spice Islands*, to pass out into the *East Indian* Ocean about the Island *Timor*.

An. 1687 This seemed to be a very tedious way about, and as dangerous altogether for Sholes; but not for meeting with *English* or *Dutch* Ships, which was their greatest fear. I was well enough satisfied, knowing that the farther we went, the more Knowledge and Experience I should get, which was the main thing that I regarded; and should also have the more variety of places to attempt an Escape from them, being fully resolv'd to take the first opportunity of giving them the slip.

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They depart from the Bashee Islands, and passing by some others, and the N. End of Luconia, St. John's Isle, and other of the Philippines, they stop at the two Isles near Mindanao; where they re-fit their Ship, and make a Pump after the Spanish fashion. By the young Prince of the Spice-Island they have News of Captain Swan, and his men, left at Mindanao: The Author proposes to the Crew to return to him; but in vain: the story of his Murder at Mindanao. The Clowe-Islands, Ternate, Tidore, &c. The Island Celebes, and Dutch Town of Macasser. They Coast along the East side of Celebes, and between it and other Islands and Shoals, with great Difficulty. Shy Turtle. Vast Cockles. A wild Vine of great Virtue for Sores. Great Trees; one excessively big. Beacons instead of Buoys on the Shoals. A Spout: a Description of them, with a story of one. Uncertain Tornadoes. Turtle. The Island Bouton, and its chief Town and Harbour, Callasufung. The Inhabitants. Visits given and receiv'd by the Sultan. His Devise in the Flag of his Proe: his Guards, Habit, and Children. Their Commerce. Their different esteem (as they pretend) of the English and Dutch. Maritime Indians sell others for Slaves. Their Reception in the

Town.

In. 1687

Town. A Boy with 4 Rows of Teeth. Parakites. Crocodores, a sort of White Parrots. They pass among other Inhabited Islands, Omaba, Pentare, Timor, &c. Sholes. New-Holland: laid down too much Northward. Its Soil, and Dragon trees. The poor Winking Inhabitants: their Features, Habit, Food, Arms, &c. The way of fetching Fire out of Wood. The Inhabitants on the Islands. Their Habitations, Unfitness for Labour, &c. The great Tides here. They design for the Island Cocos, and Cape Comorin.

THE third day of October 1687. we sailed from these Islands, standing to the Southward; intending to sail through among the Spice Islands. We had fair weather, and the wind at West. We first steered S. S. W. and passed close by certain small Islands that lye just by the North end of the Island *Luconia*. We left them all on the West of us, and past on the East side of it, and the rest of the *Philippine* Islands, coasting to the Southward.

The N. East end of the Island *Luconia* appears to be good Champion Land, of an indifferent height, plain and even for many leagues: only it has some pretty high Hills standing upright by themselves in these Plains; but no ridges of Hills, or chains of Mountains joyning one to another. The Land on this side seems to be most Savannah, or Pasture: The S. E. part is more Mountainous and Woody.

Leaving the Island *Luconia*, and with it our Golden projects, we sailed on the Southward, passing on the East side of the rest of the *Philippine* Islands. These appear to be more Mountainous, and less Woody, till we came in sight of the Island *St. John*; the first of that name I mentioned: the other I

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ake of on the Coast of China. This I have already described to be a very woody Island. Here the Wind coming Southerly, forced us to keep farther from the Islands.

The 14th day of October we came close by a small low Woody Island, that lyeth East from the S. E. end of Mindanao, distant from it about 20 leagues. I do not find it set down in any Sea-Chart.

The 15th day we had the Wind at N. E. and we steered West for the Island Mindanao, and arrived at the S. E. end again on the 16th day. There we went in and anchored between two small Islands, which lye in about 5 d. 10 m. N. Lat. I mentioned them when we first came on this Coast. Here we found a fine small Cove, on the N. W. end of the Eastermost Island, fit to Careen in, or hale ashore: so we went in there, and presently unrigged our Ship, and provided to hale our Ship ashore, to clean her bottom. These Islands are about 3 or 4 leagues from the Island Mindanao: they are about 4 or 5 miles in circumference, and of a pretty good height. The mold is black and deep; and there are two small Brooks of fresh Water.

They are both plentifully stored with great high Trees: therefore our Carpenters were sent ashore to cut down some of them for our use; for here they made a new Bolt-sprit, which we did set here also, our old one being very faulty. They made a new Fore-Yard too, and a Fore Top-Mast: and our Pumps being faulty, and not serviceable, they did cut a Tree to make a Pump. They first squared it, then sawed it in the middle, and then hollowed each side exactly. The two hollow sides were made big enough to contain a Pump-box in the midst of them both, when they were joyned together: and it required their utmost skill to close them exactly to the making a tight Cylinder for the Pump.

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A Prince of a Spice Island.

Pump-box ; being unaccustomed to such work. We learnt this way of Pump-making from the *Spaniards*; who make their Pumps that they use in their Ships in the *South Seas* after this manner : and I am confident that there are no better Hand-pumps in the world than they have.

While we lay here, the young Prince that I mentioned in Chapter the 13th, came aboard. He understanding that we were bound farther to the Southward, desired us to transport him and his Men to his own Island. He shewed it to us in our Draft, and told us the Name of it : which we put down in our Draft, for it was not named there : but I quite forgot to put it into my Journal.

This Man told us, that not above 6 days before this, he saw Captain *Swan*, and several of his Men that we left there, and named the Names of some of them, who, he said, were all well, and that now they were at the City of *Mindanao* : but that they had been all of them out with *Raja Laut*, fighting under him in his Wars against his Enemies the *Alfoores* : and that most of them fought with undaunted Courage ; for which they were highly honored and esteemed, as well by the Sultan, as by the General *Raja Laut* : That now Captain *Swan* intended to go with his Men to Fort *St. George*, and that in order thereto, he had proffered 40 ounces of Gold for a Ship ; but the Owner and he were not yet agreed : and that he feared that the Sultan would not let him go away till the Wars were ended.

All this the Prince told us in the *Malayan* tongue, which many of us had learnt ; and when he went away he promised to return to us again in 3 days time, and so long Captain *Reed* promised to stay for him (for we had now almost finished our business) and he seem'd very glad of the opportunity of going with us.

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After this I endeavoured to perswade our Men, to return with the Ship to the River of *Mindanao*, and offer their service again to Captain *Swan*. I took an opportunity when they were filling of Water, there being then half the Ships Company ashore: and I found these all very willing to do it. I desired them to say nothing, till I had tried the minds of the other half, which I intended to do the next day; it being their turn to fill Water then: but one of these Men, who seemed most forward to invite back Captain *Swan*, told Captain *Read* and Captain *Teat* of the project, and they presently dissuaded the Men from any such designs. Yet fearing the worst, they made all possible haste to be gone.

I have since been informed, that Captain *Swan* and his Men staid there a great while afterward: and that many of the Men got passage from thence in *Dutch* Sloops to *Ternate*, particularly Mr. *Rofy*, and Mr. *Nelly*. There they remained a great while, and at last got to *Batavia* (where the *Dutch* took their Journals from them) and so to *Europe*; and that some of Captain *Swan*'s Men died at *Mindanao*; of which number Mr. *Harthope*, and Mr. *Smith*, Captain *Swan*'s Merchants were two. At last Captain *Swan* and his Surgeon going in a small Canoa aboard of a *Dutch* Ship then in the Road, in order to get passage to *Europe*, were overset by the Natives at the Mouth of the River; who waited their coming purposely to do it, but unsuspected by them: where they both were kill'd in the Water. This was done by the General's Order, as some think, to get his Gold, which he did immediately seize on. Others say, it was because the General's House was burnt a little before, and Captain *Swan* was suspected to be the Author of it; and others say, that it was Captain *Swan*'s Threats occasioned his own Ruine; for he would often say passionately,

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An. 1687 ly, that he had been abused by the General, and that he would have satisfaction for it; saying also that now he was well acquainted with their Rivers, and knew how to come in at any time; that he also knew their manner of fighting, and the Weakness of their Country; and therefore he would go away, and get a Band of Men to assist him, and returning thither again, he would spoil and take all that they had, and their Country too. When the General has been informed of these discourses he would say, What, is Captain *Swan* made of Iron, and able to resist a whole Kingdom? Or does he think that we are afraid of him, that he speaks thus? Yet did he never touch him, till now the *Mindanayans* kill'd him. It is very probable there might be somewhat of truth in all of this; for the Captain was passionate, and the General greedy of Gold. But whatever was the occasion, so he was kill'd, as several have assured me, and his Gold seiz'd on, and all his things; and his Journal also from *England*, as far as *Cape Corrientes* on the Coast of *Mexico*. This Journal was afterwards sent away from thence by Mr. *Moody* (who was there both a little before and a little after the Murder) and he sent it to *England* by Mr. *Goddard*, Chief Mate of the *Defence*.

But to our purpose; seeing I could not persuade them to go to Captain *Swan* again, I had a great desire to have had the Prince's company: but Captain *Read* was afraid to let his fickle crew lye long. That very day that the Prince had promised to return to us, which was *November 2. 1687.* we sailed hence, directing our course South West, and having the Wind at N. W.

This Wind continued till we came in sight of the Island *Celebes*; then it veered about to the W. and to the Southward of the West. We came up with the N. E. end of the Island *Celebes* the 9th day,

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The Island *Celebes* is a very large Island, extended in length from North to South, about 7 degrees of lat. and in breadth it is about 3 degrees. It lies under the Equator, the North end being in lat. 1 d. 30 m. North, and the South end in lat. 5 d. 30 m. South, and by common account the North point in the bulk of this Island, lies nearest North and South, but at the North East end there runs out a long narrow point, stretching N. E. about 30 leagues: and about 30 leagues to the Eastward of this long Slippe, is the Island *Gilolo*, on the West side of which are 4 small Islands, close by it, which are very well stored with Cloves. The two chiefest are *Ternate* and *Tidore*; and as the Isle of *Ceylon* is reckoned the only place for Cinnamon, and that of *Banda* for Nutmegs, so these are thought by some to be the only Clove Islands in the World; but this is a great error, as I have already shewn.

At the South end of the Island *Celebes* there is a Sea or Gulph, of about 7 or 8 leagues wide, and 40 or 50 long, which runs up the Countrey almost directly to the North; and this Gulph hath several small Islands along the middle of it. On the West side of the Island almost at the South end of it, the Town of *Macasser* is seated: A Town of great Strength and Trade, belonging to the *Dutch*.

There are great Inlets and Lakes on the East side of the Island; as also abundance of small Islands, and shoals lying scattered about it. We saw a high peaked Hill at the N. end: but the Land on the East side is low all along; for we cruized almost the length of it. The mold on this side is black and deep, and extraordinary fat and rich, and

An. 1687 and full of Trees: and there are many Brocks of Water run out into the Sea. Indeed all this East side of the Island seems to be but one large Grove of extraordinary great high Trees.

Having with much ado got on this East side, coasting along to the Southward, and yet having but little Wind, and even that little against us, at S. S. W. and sometimes Calm, we were a long time going about the Island.

The 22d day we were in Lat. 1 d. 20 m. South, and being about 3 leagues from the Island standing to the Southward, with a very gentle Land wind, about 2 or 3 a clock in the morning, we heard a clashing in the Water, like Boats rowing: and fearing some sudden attack, we got up all our Arms, and stood ready to defend our selves. As soon as it was day, we saw a great Proe, built like the *Mindanayan* Proe's, with about 60 men in her; and 6 smaller Proe's. They lay still about a mile to Windward of us, to view us; and probably design'd to make a prey of us, when they first came out: but they were now afraid to venture on us.

At last we shewed them *Dutch* Colours, thinking thereby to allure them to come to us; for we could not go to them: but they presently rowed in toward the Island, and went into a large opening; and we saw them no more; nor did we ever see any other Boats, or Men, but only one fishing Canoa, while we were about this Island; neither did we see any House on all the Coast.

About 5 or 6 leagues to the South of this place, there is a great Range of both large and small Islands: and many shoals also that are not laid down in our Drafts; which made it extremely troublesome for us to get through. But we past between them all and the Island *Celebes*, and anchored against a sandy Bay in 8 fathom sandy ground, about half a mile from the main Island: being then in lat. 1 d. 50 m. South.

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Here we stayed several days, and sent out our *An. 1687*
Canoas a striking of Turtle every day; for here is
great plenty of them; but they were very shy, as
they were generally where-ever we found them in
the *East India Seas*. I know not the reason of it,
unless the Natives go very much a striking here:
for even in the *West Indies* they are shy in places
that are much disturbed: and yet on *New Holland*
we found them shy, as I shall relate; though the
Natives there do not molest them.

On the shoals without us we went and gathered
Shell-fish at low water. There were a monstrous
sort of Cockles; the Meat of one of them would
suffice 7 or 8 Men. It was very good wholsom
Meat. We did also beat about in the Woods on
the Island, but found no game. One of our Men,
who was always troubled with sore Legs, found a
certain Vine that supported it self by climbing
about other Trees. The leaves reach'd 6 or 7 feet
high, but the strings or branches 11 or 12. It had
a very green leaf, pretty broad and roundish, and
of a thick substance. These leaves pounded small,
and boiled with Hogs Lard, make an excellent
Salve. Our Men, knowing the vertues of it,
stockt themselves here: there was scarce a Man in
the Ship but got a pound or two of it; especially
such as were troubled with old Ulcers, who found
great benefit by it. This Man that discovered these
leaves here had his first knowledge of them in the
Isthmus of *Darien*, he having had this Receipt from
one of the *Indians* there: and he had been ashore
in divers places since, purposely to seek these leaves,
but did never find any but here. Among the ma-
ny vast Trees hereabouts, there was one exceeded
all the rest. This Captain *Read* caused to be cut
down, in order to make a Canoa, having lost our
Boats, all but one small one, in the late Storms;
to 6 lusty Men, who had been Logwood cutters in
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An. 1687 the Bays of *Campeachy* and *Honduras* (as Captain *Read* himself, and many more of us had) and so were very expert at this work, undertook to fell it, taking their turns, 3 always cutting together: and they were one whole day, and half the next, before they got it down. This Tree, though it grew in a Wood, was yet 18 foot in circumference, and 44 foot of clean body, without knot or branch: and even there it had no more than one or two branches, and then ran clean again 10 foot higher; there it spread it self into many great limbs and branches like an Oak, very green and flourishing: yet it was perisht at the heart, which marr'd it for the service intended.

So leaving it, and having no more business here we weighed, and went from hence the next day, it being the 29th day of *November*. While we lay here we had some *Tornadoes*, one or two every day, and pretty fresh Land Winds which were at West. The Sea breezes were small and uncertain, sometimes out of the N. E. and so veering about to the East and South East. We had the Wind at North East when we weighed, and we steered off S. S. W. In the afternoon we saw a shoal a head of us, and altered our course to the S. S. E. In the evening, at 4 a clock, we were close by another great shoal: therefore we tackt, and stood in for the Island *Celebes* again; for fear of running on some of the shoals in the night. By day a Man might avoid them well enough, for they had all Beacons on them, like Huts built on tall Posts, above high-water mark, probably set up by the Natives of the Island *Celebes*, or those of some other neighbouring Islands; and I never saw any such elsewhere. In the night we had a violent *Tornado* out of the S. W. which lasted about an hour.

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The 30th day we had a fresh Land Wind, and steered away South, passing between the 2 Shoals, which we saw the day before. These Shoals lye in lat. 3 d. South, and about 10 leagues from the Island *Celebes*. Being past them, the Wind died away, and we lay becalmed till the afternoon: Then we had a hard Tornado out of the South West, and towards the evening we saw two or three Spouts, the first I had seen since I came into the *East Indies*; in the *West Indies* I had often met with them. A Spout is a small ragged piece, or part of a Cloud, hanging down about a yard, seemingly from the blackest part thereof. Commonly it hangs down sloping from thence, or sometimes appearing with a small bending, or elbow in the middle. I never saw any hang perpendicularly down. It is small at the lower end, seeming no bigger than ones Arm, but 'tis fuller towards the Cloud, from whence it proceeds.

When the surface of the Sea begins to work, you shall see the Water, for about 100 paces in circumference, foam and move gently round till the whirling motion increases: and then it flies upward in a pillar, about 100 paces in compass at the bottom, but lessening gradually upwards to the smallness of the Spout it self, there where it reacheth the lower end of the Spout; through which the rising Sea-water seems to be conveyed into the Clouds. This visibly appears by the Clouds increasing in bulk and blackness. Then you shall presently see the Cloud drive along, although before it seemed to be without any motion; the Spout also keeping the same course with the Cloud, and still sucking up the Water as it goes along, and they make a Wind as they go. Thus it continues for the space of half an hour, more or less, until the sucking is spent, and then breaking off, all the Water which was below

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the Spout, or pendulous piece of Cloud, falls down again into the Sea, making a great noise with its fall, and clashing motion in the Sea.

It is very dangerous for a Ship to be under a Spout when it breaks, therefore we always endeavoured to shun it, by keeping at a distance, if possibly we can. But for want of Wind to carry us away, we are often in great fear and danger; for it is usually calm when Spouts are at work, except only just where they are. Therefore men at Sea, when they see a Spout coming, and know not how to avoid it, do sometimes fire shot out of their great Guns into it, to give it air or vent, that so it may break; but I did never hear that it proved to be of any benefit.

And now being on this subject, I think it not amiss to give you an account of an accident that happened to a Ship once on the Coast of Guinea, some time in or about the year 1674. One Captain *Records of London*, bound for the Coast of Guinea, in a Ship of 300 Tuns, and 16 Guns, called the *Blessing*; when he came into the lat. 7 or 8 degrees North, he saw several Spouts, one of which came directly towards the Ship, and he having no Wind to get out of the way of the Spout, made ready to receive it by furling his sails. It came on very swift, and broke, a little before it reached the Ship; making a great noise, and raising the Sea round it, as if a great house, or some such thing, had been cast into the Sea. The fury of the Wind still lasted, and took the Ship on the Starboard bow with such violence, that it snapt off the Bolt-sprit and Fore-mast both at once, and blew the Ship all along, ready to over-set it, but the Ship did presently right again, and the Wind whirling round, took the Ship a second time with the like fury as before, but on the contrary side, and was again like to over-set her the other way.

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The Mizen-mast felt the fury of this second blast, and was snapt short off, as the Fore-mast and Boltsprit had been before. The Main-mast, and Main-top-mast received no damage, for the fury of the Wind, (which was presently over) did not reach them. Three men were in the Fore-top when the Fore-mast broke, and one on the Boltsprit, and fell with them into the Sea, but all of them were saved. I had this relation from Mr. *John Canby*, who was then Quarter-master and Steward of her; one *Abraham Wise*, was chief Mate, and *Leonard Jefferies* second Mate.

We are usually very much afraid of them: yet this was the only damage that ever I heard done by them. They seem terrible enough; the rather because they come upon you while you lie becalm'd; like a Log in the Sea, and cannot get out of their way: but though I have seen, and been beset by them often, yet the fright was always the greater of the harm.

December the 1st, we had a gentle gale at E. S. E. we steered South; and at noon I was by Observation in lat. 3 d. 34 m. South. Then we saw the *Island Bouton*, bearing South West, and about 10 leagues distant. We had very uncertain and unconstant Winds: The Tornadoes came out of the S. W. which was against us; and what other Winds we had were so faint, that they did us little kinndess; but we took the advantage of the smallest gale, and got a little way every day. The 4th day at noon I was by Observation in Lat: 4 d. 30 m. South.

The 5th day we got close by the N. W. end of the *Island Bouton*, and in the evening, it being fair weather, we hoisted out our Canoa, and sent the Moskito men, of whom we had 2 or 3, to strike Turtle, for here are plenty of them: but they being shy, we chose to strike them in the night (which

An. 1687 is customary in the *West Indies* also) For every time they come up to breathe, which is once in 8 or 10 minutes, they blow so hard, that one may hear them at 30 or 40 yards distance; by which means the Striker knows where they are, and may more easily approach them than in the day: for the Turtle sees better than he hears: but, on the contrary, the Manatee's hearing is quickest.

In the morning they returned with a very large Turtle, which they took near the shore; and withal an *Indian* of the Island came aboard with them. He spake the *Malayan* Language; by which we did understand him. He told us, that 2 leagues farther to the Southward of us, there was a good Harbour, in which we might Anchor: So having a fair Wind, we got thither by noon.

This Harbour is in Lat. 4 d. 54 m. South: lying on the East side of the Island *Bouton*. Which Island lyes near the S. E. end of the Island *Celebes*, distant from it about 3 or 4 leagues. It is of a long form, stretching S. W. and N. E. about 25 leagues long, and 10 broad. It is pretty high Land, and appears pretty even, and flat, and very woody.

There is a large Town within a league of the anchoring place, called *Callasung*, being the chief, if there were more; which we knew not. It is about a mile from the Sea, on the top of a small Hill, in a very fair Plain, incompassed with Coconut Trees. Without the Trees there is a strong Stone Wall, clear round the Town. The Houses are built like the Houses at *Mindanao*; but more neat: and the whole Town was very clean and delightful.

The Inhabitants are small, and well shaped. They are much like the *Mindanaians* in shape, colour, and habit; but more neat and tight. They speak the *Malayan* Language, and are all *Mahometans*. They are very obedient to the Sultan, who

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a great many Wives and Children.

About an hour after we came to an anchor, the Sultan sent a Messenger aboard, to know what we were, and what our business. We gave him an account, and he returned ashore, and in a short time after he came aboard again, and told us, that the Sultan was very well pleased when he heard that we were *English*; and said, that we should have any thing that the Island afforded; and that he himself would come aboard in the morning. Therefore the Ship was made clean, and every thing put in the best order to receive him.

The 6th day in the morning betimes a great many Boats and Canoas came aboard, with Fowls, Eggs, Plantains, Potatoes, &c. but they would dispose of none till they had order for it from the Sultan, at his coming. About 10 a clock the Sultan came aboard in a very neat Proe, built after the *Mindanao* fashion. There was a large white Silk Flag at the head of the Mast, edged round with a deep red for about 2 or 3 inches broad, and in the middle there was neatly drawn a Green Griffon, trampling on a winged Serpent, that seemed to struggle to get up, and threatned his Adversary with open mouth, and with a long Sting that was ready to be darted into his Legs. Other *East Indian* Princes have their Devices also.

The Sultan with 3 or 4 of his Nobles, and 3 of his Sons, sat in the House of the Proe. His Guards were 10 Musqueteers, 5 standing on one side of the Proe, and 5 on the other side; and before the door of the Proe-house stood one with a great broad Sword, and a Target, and 2 more such at the after part of the House; and in the head and stern of the Proe stood 4 Musqueteers more, 2 at each end.

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The Sultan had a Silk Turbat, laced with narrow Gold Lace by the sides, and broad Lace at the end: which hung down on one side the head, after the *Mindanayan* fashion. He had a sky-coloured Silk pair of Breeches, and a piece of red Silk thrown cross his shoulders, and hanging loose about him; the greatest part of his back and waste appearing naked. He had neither Stocking nor Shoe. One of his Sons was about 15 or 16 year old; the other two were young things: and they were always in the arms of one or other of his Attendants.

Captain *Read* met him at the side, and led him into his small Cabbin, and fired 5 Guns for his welcome. As soon as he came aboard he gave leave to his Subjects to traffick with us: and then our People bought what they had a mind to. The Sultan seemed very well pleased to be visited by the *English*; and said, he had coveted to have a sight of *Englishmen*, having heard extraordinary characters of their just and honorable dealings: but he exclaimed against the *Dutch* (as all the *Mindanayans*, and all the *Indians* we met with do) and wisht them at a greater distance.

For *Macasser* is not very far from hence, one of the chiefest Towns that the *Dutch* have in those parts. From thence the *Dutch* come sometimes hither to purchase Slaves. The Slaves that these People get here and sell to the *Dutch*, are some of the idolatrous Natives of the Island, who not being under the Sultan, and having no head, live straggling in the Country, flying from one place to another to preserve themselves from this Prince and his Subjects, who hunt after them to make them Slaves. For the civilized *Indians* of the maritime places, who trade with Foreigners, if they cannot reduce the inland people to the Obedience of their Prince, they catch all they can of them and sell them for Slaves; accounting them to be but

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The Sultan entertains them at Callasufung.

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as Savages, just as the *Spaniards* do the poor *Americans*.

After two or three hours discourse the Sultan went ashore again, and 5 Guns were fired at his departure also. The next day he sent for Captain *Read* to come ashore, and he, with 7 or 8 Men, went to wait on the Sultan. I could not slip an opportunity of seeing the place; and so accompanied them. We were met at the landing place by two of the chief Men, and guided to a pretty neat House, where the Sultan waited our coming. The House stood at the farther end of all the Town before mention'd, which we pass through; and abundance of people were gazing on us as we pass by. When we came near the House, there were 40 poor naked Soldiers with Musquets made a Lane for us to pass through. This House was not built on Posts, as the rest were, after the *Mindanayan* way; but the room in which we were entertained was on the ground, covered with Mats to sit on. Our Entertainment was Tobacco and Betelnut, and young Coco-nuts; and the House was beset with Men, Women and Children, who thronged to get near the Windows to look on us.

We did not tarry above an hour before we took our leaves and departed. This Town stands in a sandy Soil: but what the rest of the Island is I know not, for none of us were ashore but at this place.

The next day the Sultan came aboard again, and presented Captain *Read* with a little Boy, but he was too small to be serviceable on board; and so Captain *Read* returned thanks, and told him he was too little for him. Then the Sultan sent for a bigger Boy, which the Captain accepted. This Boy was a very pretty tractable Boy; but what was wonderful in him, he had two rows of Teeth,

4n. 1687

one within another, on each Jaw. None of the other people were so, nor did I ever see the like. The Captain was presented also with two He-goats and was promised some Buffaloe, but I do believe that they have but few of either on the Island. We did not see any Buffaloe nor many Goats, neither have they much Rice, but their chiefest food is Roots. We bought here about a thousand pound weight of Potatoes. Here our men bought also abundance of Crockadores, and fine large Parakites, curiously coloured, and some of the finest I ever saw.

The Crockadore is as big as a Parrot, and shaped much like it, with such a Bill; but is as white as Milk, and hath a bunch of feathers on his head like a Crown. At this place we bought a Proe also of the *Mindanaian* make, for our own use, which our Carpenters afterwards altered, and made a delicate Boat fit for any service. She was sharp at both ends, but we saw'd off one, and made that end flat, fastening a Rudder to it, and she rowed and sailed incomparably.

We stayed here but till the 12th day, because it was a bad Harbour and foul ground, and a bad time of the year too, for the Tornadoes began to come in thick, and strong. When we went to weigh our Anchor, it was hooked in a Rock, and we broke our Cable, and could not get our Anchor, though we strove hard for it; so we went away and left it there. We had the Wind at N. N. E. and we steered towards the S. E. and fell in with 4 or 5 small Islands, that lye in 5 d. 40 m. South lat. and about 5 or 6 leagues from *Callasung* Harbour. These Islands appeared very green with Coco-nut Trees, and we saw two or three Towns on them, and heard a Drum all night; for we were got in among shoals, and could not get out again till the next day. We know not whether the Drum were for fear of us,

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Isles of Timor, Omba, and Pentare.

or that they were making merry, as 'tis usual in these parts to do all the night, singing and dancing till morning. An. 1687

We found a pretty strong Tide here, the flood setting to the Southward, and the ebb to the Northward. These shoals, and many other that are not laid down in our Drafts, lye on the South West side of the Islands where we heard the Drum, about a league from them. At last we past between the Islands, and tried for a passage on the East side. We met with divers shoals on this side also, but found Channels to pass through; so we steered away for the Island *Timor*, intending to pass out by it. We had the Winds commonly at W. S. W. and S. W. hard gales, and rainy weather.

The 16th day, we got clear of the shoals, and steered S. by E. with the Wind at W. S. W. but veering every half hour, sometimes at S. W. and then again at W. and sometimes at N. N. W. bringing much Rain, with Thunder and Lightning.

The 20th day we passed by the Island *Omba*, which is a pretty high Island, lying in lat. 8 d. 20 m. and not above 5 or 6 leagues from the N. E. part of the Island *Timor*. It is about 13 or 14 leagues long, and five or six leagues wide.

About 7 or 8 leagues to the West of *Omba*, is another pretty large Island, but it had no name in our plans; yet by the situation it should be that, which in some Maps is called *Pentare*. We saw on it abundance of smoaks by day, and fires by night, and a large Town on the North side of it, nor far from the Sea; but it was such bad weather that we did not go ashore. Between *Omba* and *Pentare*, and in the mid Channel, there is a small low sandy Island, with great shoals on either side; but there is a very good Channel close by *Pentare*, between that and the shoals about the small Isle. We were three days beating off and on, not having

An. 1687 having a wind, for it was at South South West.

The 23d day in the evening, having a small gale at North, we got through, keeping close by *Pentare*. The Tide of ebb here set out to the Southward, by which we were helped through, for we had but little wind. But this Tide, which did us a kindness in setting us through, had like to have ruined us afterwards, for there are two small Islands lying at the South end of the Channel we came through, and towards these Islands the Tide hurried us so swiftly, that we very narrowly escaped being driven ashore; for the little wind we had before at North dying away, we had not one breath of wind when we came there, neither was there an anchor ground. But we got out our Oars and rowed, yet all in vain: for the Tide set wholly on one of the small Islands, that we were forced with might and main strength to bear off the Ship, by thrusting with our Oars against the shore, which was a steep bank, and by this means we presently drove away, clear of Danger; and having a little wind in the night at North, we steered away S. S. W. In the morning again we had the wind at W. S. W. and steered S. and the wind coming to the W. N. W. we steered S. W. to get clear of the S. W. end of the Island *Timor*. The 26th day we saw the N. W. point of *Timor*, S. E. by E. distant about 8 leagues.

Timor is a long high mountainous Island, stretching N. E. and S. VV. It is about 70 leagues long, and 15 or 16 wide: the middle of the Island is in Lat. about 9 d. South. I have been informed that the *Portuguese* do trade to this Island: but I know nothing of its produce besides Coire, for making Cables; of which there is mention Chap. X.

The 27th day we saw two small Islands which lye near the S. W. end of *Timor*: They bear from us S. E. We had very hard gales of wind, and still

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still with a great deal of Rain: the wind at W. *An. 1687*
and W. S. W.

Being now clear of all the Islands, we stood off South, intending to touch at *New Holland*, a part of *Terra Australis Incognita*, to see what that Country would afford us. Indeed, as the Winds were, we could not now keep our intended course (which was first Westerly, and then Northerly) without going to *New Holland*, unless we had gone back again among the Islands: but this was not a good time of the year to be among any Islands to the South of the Equator, unless in a good Harbour.

The 31st day we were in lat. 13d. 20 m. still standing to the Southward, the wind bearing commonly very hard at W. and we keeping upon it under 2 courses, and our Mizzen, and sometimes a Main-top-sail rift. About 10 a clock at night we tackt and stood to the Northward, for fear of running on a shoal, which is laid down in our Drafts in lat. 13d. 50 m. or thereabouts: it bearing S. by W. from the East end of *Timor*: and so the Island bore from us, by our judgments and reckoning. At 3 a clock we tackt again, and stood S. by W. and S. S. W.

In the morning, as soon as it was day, we saw the shoal right ahead: it lies in 13d. 50 m. by all our reckonings. It is a small spit of land, just appearing above the waters edge, with several Rocks about it, 8 or 10 foot high above water. It lies in a triangular form; each side being about a league and half. We stemm'd right with the middle of it, and stood within half a mile of the Rocks, and sounded; but found no ground. Then we went about and stood to the North 2 hours; and then tackt and stood to the Southward again, thinking to weather it: but could not. So we bore away on the North side, till we came to the East point, giving the Rocks a small birth: then we trimb'd sharp,

other Isles.

South West.

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Island, stretch- o leagues long, the Island is in informed that : but I know e, for making Chap. X.

Islands which they bear from of wind, and still

462' *An Error of the Hydrographers.* New Holland.

An. 1688 sharp, and stood to the Southward, passing close by it, and founded again; but found no ground.

This shoal is laid down in our Drafts not above 16 or 20 leagues from *New Holland*; but we did run afterwards 60 leagues due South before we fell in with it: and I am very confident, that no part of *New Holland* hereabouts lyes so far Northerly by 40 leagues, as it is laid down in our Drafts. For if *New Holland* were laid down true, we must of necessity have been driven near 40 leagues to the Westward of our course: but this is very improbable, that the Current should set so strong to the Westward, seeing we had such a constant Westerly Wind. I grant that when the Monsoon shifts first, the Current does not presently shift, but runs afterwards near a month: but the Monsoon had been shifted at least two months now. But of the Monsoons and other Winds, and of the Currents, elsewhere, in their proper place. As to these here, I do rather believe that the Land is not laid down true, than that the Current deceived us; for it was more probable we should have been deceived before we met with the shoal, than afterward: for on the Coast of *New Holland* we found the Tides keeping their constant course; the Flood running N. by E. and the Ebb S. by W.

The 4th day of *January* 1688, we fell in with the Land of *New Holland* in the Lat. of 16 d. 50 m. having, as I said before, made our course due South from the shoal that we past by the 31st day of *December*. We ran in close by it, and finding no convenient anchoring, because it lies open to the N. W. we ran along shore to the Eastward, steering N. E. by E. for so the Land lies. We steered thus about 12 leagues; and then came to a point of Land, from whence the Land trends East and Southerly, for 10 or 12 leagues: but how afterwards I know not. About 3 leagues to the Eastward of
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New Holland. *Dragon-trees.* *The Animals.* 463

An. 1688

this point, there is a pretty deep Bay, with abundance of Islands in it, and a very good place to anchor in, or to hale ashore. About a league to the Eastward of that point we anchored *January* the 5th, 1688. 2 mile from the shore, in 29 fathom, good hard sand, and clean ground.

New Holland is a very large tract of Land. It is not yet determined whether it is an Island or a main Continent; but I am certain that it joyns neither to *Asia*, *Africa*, nor *America*. This part of it that we saw is all low even Land, with sandy Banks against the Sea, only the points are rocky, and so are some of the Islands in this Bay.

The Land is of a dry sandy soil, destitute of Water, except you make Wells: yet producing divers sorts of Trees: but the Woods are not thick, nor the Trees very big. Most of the Trees that we saw are Dragon-trees as we supposed; and these too are the largest Trees of any there. They are about the bigness of our large Apple Trees, and about the same heighth: and the rind is blackish, and somewhat rough. The leaves are of a dark colour; the Gum distils out of the knots or cracks that are in the bodies of the Trees. We compared it with some Gum Dragon, or Dragons Blood, that was aboard; and it was of the same colour and taste. The other sorts of Trees were not known by any of us. There was pretty long grass growing under the Trees; but it was very thin. We saw no Trees that bore Fruit or Berries.

We saw no sort of Animal, nor any track of Beast, but once; and that seemed to be the tread of a Beast as big as a great Mastiff Dog. Here are a few small Land-birds, but none bigger than a Blackbird: and but few Sea-fowls. Neither is the Sea very plentifully stored with Fish, unless you reckon the Manatee and Turtle as such. Of these creatures there is plenty; but they are extraordinary shy;

An. 1688 shy; though the Inhabitants cannot trouble them much, having neither Boats nor Iron.

The Inhabitants of this Country are the miserablest People in the world. The *Hodmadods* of *Momotapa*, though a nasty People, yet for Wealth are Gentlemen to these; who have no Houses and Skin Garments, Sheep, Poultry, and Fruits of the Earth, Ostrich Eggs, &c. as the *Hodmadods* have, and setting aside their humane shape, they differ but little from Brutes. They are tall, strait bodied, and thin, with small long Limbs. They have great Heads, round Foreheads, and great Brows. Their Eye-lids are always half closed, to keep the Flies out of their Eyes: they being so troublesome here, that no fanning will keep them from coming to ones Face; and without the assistance of both hands to keep them off, they will creep into ones Nostrils; and Mouth too, if the Lips are not shut very close. So that from their Infancy being thus annoyed with these Insects, they do never open their Eyes, as other People: and therefore they cannot see far; unless they hold up their Heads, as if they were looking at somewhat over them.

They have great Bottle noses, pretty full lips and wide mouths. The two fore teeth of their upper Jaw are wanting in all of them, men and women, old and young: whether they draw them out, I know not: Neither have they any Beards. They are long visaged, and of a very unpleasing aspect; having no one graceful feature in their faces. Their Hair is black, short and curl'd, like that of the Negroes: and not long and lank like the common *Indians*. The colour of their skins, both of their faces and the rest of their body, is coal black, like that of the Negroes of *Guinea*.

They have no sort of Cloaths; but a piece of the rind of a Tree ty'd like a Girdle about their waists, and a handful of long Grass, or 3 or 4

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small green Boughs, full of Leaves, thrust under their Girdle, to cover their nakedness.

They have no Houses, but lye in the open Air, without any covering; the Earth being their Bed, and the Heaven their Canopy. Whether they cohabit one Man to one Woman, or promiscuously, I know not: but they do live in Companies, 20 or 30 Men, Women, and Children together. Their only food is a small sort of Fish, which they get by making Wares of stone, across little Coves, or branches of the Sea: every Tide bringing in the small Fish, and there leaving them for a prey to these people, who constantly attend there, to search for them at low water. This small Fry I take to be the top of their Fishery: they have no Instruments to catch great Fish, should they come; and such seldom stay to be left behind at low water: nor could we catch any Fish with our Hooks and Lines all the while we lay there. In other places at low water they seek for Cockles, Muscles, and Periwinkles: Of these Shell-fish there are fewer still; so that their chiefest dependance is upon what the Sea leaves in their Wares; which, be it much or little, they gather up, and march to the places of their abode. There the old People, that are not able to stir abroad, by reason of their Age, and the tender Infants, wait their return; and what Providence has bestowed on them, they presently broil on the Coals, and eat it in common. Sometimes they get as many Fish as makes them a plentiful Banquet; and at other times they scarce get every one a taste: but be it little or much that they get, every one has his part, as well the young and tender, as the old and feeble, who are not able to go abroad, as the strong and lusty. When they have eaten they lye down till the next low water, and then all that are able march out, be it night or day, rain or shine, 'tis all one: they must attend the Wares,

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An. 1688 Wares, or else they must fast: For the Earth affords them no Food at all. There is neither Herb, Root, Pulse, nor any sort of Grain, for them to eat, that we saw: nor any sort of Bird, or Beast that they can catch, having no Instruments wherewithal to do so.

I did not perceive that they did worship any thing. These poor creatures have a sort of Weapon to defend their Ware, or fight with their Enemies, if they have any that will interfere with their poor Fishery. They did at first endeavour with their Weapons to frighten us, who lying ashore deterr'd them from one of their Fishing-places. Some of them had Wooden Swords, others had a sort of Lances. The Sword is a piece of Wood, shaped somewhat like a Cutlass. The Lance is a long strait pole, sharp at one end, and hardened afterwards by heat. I saw no Iron, nor any other sort of Metal: therefore it is probable they use Stone-Hatchets, as some *Indians* in *America* do, described in Chap. IV.

How they get their Fire, I know not: but, probably, as *Indians* do, out of Wood. I have seen the *Indians* of *Bon-Airy* do it, and have my self tryed the experiment: They take a flat piece of Wood, that is pretty soft, and make a small dent in one side of it; then they take another hard round stick, about the bigness of ones little finger, and sharpening it at one end like a Pencil, they put that sharp end in the hole or dent of the flat soft piece; and then rubbing or twirling the hard piece between the palms of their hands, they drill the soft piece till it smoaks, and at last takes fire.

These people speak somewhat through the throat; but we could not understand one word that they said. We anchored, as I said before, *January* the 5th, and seeing Men walking on the shore, we presently sent a Canoa to get some acquaintance with

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with them: for we were in hopes to get some *An. 1688*
Provision among them. But the Inhabitants, see-
ing our Boat coming, run away and hid themselves.
We searched afterwards 3 days, in hopes to find
their Houses; but found none: yet we saw many
places where they had made Fires. At last, being
out of hopes to find their Habitations, we searched
no farther: but left a great many toys ashore; in
such places where we thought that they would
come. In all our search we found no water, but
old Wells on the sandy Bays.

At last we went over to the Islands, and there
we found a great many of the Natives: I do be-
lieve there were 40 on one Island, Men, Women
and Children. The Men, at our first coming a-
shore, threatened us with their Lances and Swords;
but they were frighted by firing one Gun, which
we fired purposely to scare them. The Island was
so small that they could not hide themselves: but
they were much disordered at our Landing, espe-
cially the Women and Children: for we went di-
rectly to their Camp. The lustiest of the Women
snatching up their Infants ran away howling, and
the little Children run after squeaking and bawl-
ing; but the Men stood still. Some of the Wo-
men, and such People as could not go from us, lay
still by a Fire, making a doleful noise as if we had
been coming to devour them: but when they saw
we did not intend to harm them, they were pretty
quiet, and the rest that fled from us at our first
coming, returned again. This their place of
dwelling was only a Fire, with a few Boughs before
it, set up on that side the wind was of.

After we had been here a little while, the Men
began to be familiar, and we cloathed some of
them, designing to have had some service of them
for it: for we found some Wells of Water here,
and intended to carry 2 or 3 Barrels of it aboard.

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An. 1688 But it being somewhat troublefom to carry to the Canoa, we thought to have made these men to have carried it for us, and therefore we gave them some Cloaths; to one an old pair of Breeches, to another a ragged Shirt, to a third a Jacket that was scarce worth owning; which yet would have been very acceptable at some places where we had been, and so we thought they might have been with these people. We put them on them, thinking that this finery would have brought them to work heartily for us; and our Water being filled in small long Barrels, about 6 Gallons in each, which were made purposely to carry Water in, we brought these our new Servants to the Wells, and put a Barrel on each of their Shoulders for them to carry to the Canoa. But all the signs we could make were to no purpose, for they stood like Statues, without motion, but grinn'd like so many Monkeys, staring one upon another: For these poor Creatures seem not accustomed to carry burthens; and I believe that one of our Ship-boys of 10 years old, would carry as much as one of them. So we were forced to carry our Water ourselves, and they very fairly put the Cloaths off again, and laid them down, as if Cloaths were only to work in. I did not perceive that they had any great liking to them at first, neither did they seem to admire any thing that we had.

At another time our Canoa being among these Islands seeking for game, espy'd a drove of these men swimming from one Island to another; for they have no Boats, Canoa, or Bark-logs. They took up four of them, and brought them aboard; two of them were middle aged, the other two were young men about 18 or 20 year old. To these we gave boiled Rice, and with it Turtle and Manatee boiled. They did greedily devour what we gave them, but took no notice of the Ship, or any

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any thing in it, and when they were set on Land again, they ran away as fast as they could. At our first coming, before we were acquainted with them, or they with us, a Company of them who liv'd on the Main, came just against our Ship, and standing on a pretty high Bank, threatned us with their Swords and Lances, by shaking them at us; at last the Captain ordered the Drum to be beaten, which was done of a sudden with much vigor, purposely to scare the poor Creatures. They hearing the noise, ran away as fast as they could drive, and when they ran away in haste, they would cry *Gurry, Gurry*, speaking deep in the Throat. Those Inhabitants also that live on the Main, would always run away from us; yet we took several of them. For, as I have already observed, they had such bad Eyes, that they could not see us till we came close to them. We did always give them victuals, and let them go again, but the Islanders, after our first time of being among them, did not stir for us.

When we had been here about a week, we haï'd our Ship into a small sandy Cove, at a Spring-tide, as far as she would float; and at low Water she was left dry, and the sand dry without us near half a mile; for the Sea riseth and falleth here about 5 fathom. The Flood runs North by East, and the Ebb South by West. All the Neep-rides we lay wholly a ground, for the Sea did not come near us by about a hundred yards. We had therefore time enough to clean our Ships bottom, which we did very well. Most of our Men lay ashore in a Tent, where our Sails were mending; and our Strikers brought home Turtle and Manatee every day, which was our constant food.

While we lay here, I did endeavour to perswade our men to go to some *English* Factory; but was threatened to be turned ashore, and left here for

470 *They design for Cocos, and Cape Comorin.*

An. 1688 it. This made me desist, and patiently wait for some more convenient place and opportunity to leave them, than here: Which I did hope I should accomplish in a short time: because they did intend, when they went from hence, to bear down towards Cape *Comorin*. In their way thither they design'd also to visit the Island *Cocos*, which lyeth in Lat. 12 d. 12 m. North, by our Drafts: hoping there to find of that Fruit; the Island having its name from thence.

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C H A P. XVII.

Leaving New-Holland they pass by the Island Cocos, and touch at another Woody Island near it. A Land Animal like large Crawfish. Coco-Nuts floating in the Sea. The Island Triste, bearing Coco's, yet over-flown every Spring-tide. They anchor at a small Island near that of Nassaw. Hog Island, and others. A Proe taken, belonging to Achin. Nicobar Island, and the rest called by that Name. Ambergrease, good and bad. The manners of the Inhabitants of these Islands. They anchor at Nicobar Isle. Its Situation, Soil, and pleasant Mixture of its Bays, Trees, &c. The Melory-tree and Fruit, used for bread. The Natives of Nicobar Island, their Form, Habit, Language, Habitations; no form of Religion or Government: Their Food and Canoas. They clean the Ship. The Author projects and gets leave to stay ashore here, and with him two Englishmen more, the Portuguese, and 4 Malayans of Achin. Their first Rencounters with the Natives. Of the common Traditions concerning Cannibals, or Man-Eaters. Their Entertainment ashore. They buy a Canoa, to transport them over to Achin; but overset her at first going out. Having recruited and improved her, they set out again for the East side of the Island. They

C H A P.



They in vain try for the Isle Cocos. have a War with the Islanders: but Peace being re-established, they lay in stores, and make Preparations for their Voyage.

MArch, the 12th, 1688. we sailed from *New Holland*, with the Wind at N. N. W. and fair weather. We directed our course to the Northward, intending, as I said, to touch at the Island *Cocos*: but we met with the Winds at N. W., W. N. W., and N. N. W. for several days; which obliged us to keep a more Easterly course than was convenient to find that Island. We had soon after our setting out very bad weather, with much Thunder and Lightning, Rain, and high blustering Winds.

It was the 26th day of *March* before we were in the lat. of the Island *Cocos*, which is in 12 d. 12 m. and then, by judgment, we were 40 or 50 leagues to the East of it; and the Wind was now at S. W. Therefore we did rather chuse to bear away towards some Islands on the West side of *Sumatra*, than to beat against the Wind for the Island *Cocos*. I was very glad of this; being in hopes to make my escape from them to *Sumatra*, or some other place.

We met nothing of remark in this Voyage, beside the catching two great Sharks; till the 28th day. Then we fell in with a small woody Island, in Lat. 10 d. 30 m. Its Longitude from *New Holland*, from whence we came, was, by my account, 12 d. 6 m. West. It was deep water about the Island, and therefore no anchoring: but we sent 2 Canoes ashore; one of them with the Carpenters, to cut a Tree to make another Pump; the other Canoe went to search for fresh water, and found a fine small Brook near the S. W. point of the Island; but there the Sea fell in on the shore so high, that they

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they could not get it off. At noon both our Canoes returned aboard: and the Carpenters brought aboard a good Tree, which they afterwards made a Pump with, such a one as they made at *Mindanao*. The other Canoa brought aboard as many Boobies, and Men of War Birds, as sufficed all the Ships Company, when they were boiled. They got also a sort of Land Animal, somewhat resembling a large Craw-fish, without its great Claws. These creatures lived in holes in the dry sandy ground, like Rabbits. Sir *Francis Drake* in his Voyage round the world makes mention of such that he found at *Ternate*, or some other of the Spice Islands, or near them. They were very good sweet Meat, and so large that 2 of them were more than a Man could eat; being almost as thick as ones Leg. Their Shells were of a dark brown: but red when boiled.

This Island is of a good heighth, with steep Cliffs against the S. and S. W. and a sandy Bay on the North side: but very deep water steep to the shore. The Mold is blackish, the Soil fat, producing large Trees of divers sorts.

About one a clock in the Afternoon we made sail from this Island, with the wind at S. W. and we steered N. W. Afterwards the winds came about at N. W. and continued between the W. N. W. and the N. N. W. several days. I observed, that the winds blew for the most part out of the West, or N. W. and then we had always rainy weather, with Tornadoes, and much Thunder and Lightning: but when the wind came any way to the Southward, it blew but faint, and brought fair weather.

We met nothing of remark till the 7th day of *April*, and then, being in Lat. 7d. S. we saw the Land of *Sumatra* at a great distance, bearing North. The 8th day we saw the East end of the Island *Su-*

An. 1688 *matra* very plainly: we being then in Lat. 6 d. S. The 10th day, being in Lat. 5 d. 11 m. and about 7 or 8 leagues from the Island *Sumatra*, on the West side of it, we saw abundance of Coco Nuts swimming in the Sea; and we hoysed out our Boat, and took up some of them: as also a small Hatch, or Scuttle rather, belonging to some Bark. The Nuts were very sound, and the Kernel sweet, and in some the Milk or Water in them was yet sweet and good.

The 13th day we came to a small Island called *Triste*, in Lat. (by observation) 4 d. South: it is about 14 or 15 leagues to the West of the Island *Sumatra*. From hence to the Northward there are a great many small uninhabited Islands, lying much at the same distance from *Sumatra*. This Island *Triste* is not a mile round, and so low, that the Tide flows clear over it. It is of a sandy soil, and full of Coco-nut Trees. The Nuts are but small; yet sweet enough, full, and more ponderous than I ever felt any of that bigness: notwithstanding that every Spring-tide the Salt water goes clear over the Island.

We sent ashore our Canoas for Coco-nuts, and they return'd aboard laden with them three times. Our Strikers also went out and struck some Fish, which was boiled for Supper. They also killed 2 young Aligators, which we salted for the next day.

I had no opportunity at this place to make my Escape as I would have done, and gone over hence to *Sumatra*, could I have kept a Boat with me. But there was no compassing this: and so the 15th day we went from hence, steering to the Northward on the West side of *Sumatra*. Our Food now was Rice, and the Meat of the Coco-nuts rasped, and steep'd in water; which made a sort of Milk, into which we did put our Rice, making a pleasant

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Mess enough. After we parted from *Triste* we saw *An. 1688*
 other small Islands, that were also full of Coco-nut
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The 19th day, being in Lat. 3 d. 25 m. S. the
 S. W. point of the Island *Nassau* bore N. about 5
 mile dist. This is a pretty large uninhabited Island ;
 in Lat. 3 d. 20 m. S. and is full of high Trees. A-
 bout a mile from the Island *Nassau* there is a small
 Island full of Coco-nut Trees. There we anchored
 the 20th day to replenish our stock of Coco-nut
 Trees. A riff of Rocks lies almost round this
 Island, so that our Boats could not go ashore, nor
 come aboard at low water : yet we got aboard 4
 Boat loads of Nuts. This Island is low like *Triste*,
 and the anchoring is on the North side: where
 you have 14 fathom, a mile from shore, clean
 sand.

The 21st day we went from hence, and kept to
 the Northward, coasting still on the West side of the
 Island *Sumatra* ; and having the winds between the
 W. and S. S. W. with unsettled weather: some-
 times Rains and Tornadoes, and sometimes fair
 weather.

The 25th day we cross the Equator, still coast-
 ing to the Northward, between the Island *Suma-
 tra*, and a range of small Islands, lying 14 or 15
 leagues off it. Among all these Islands, *Hog*
 Island is the most considerable. It lies in lat. 3 d.
 40 m. North. It is pretty high even Land,
 cloathed with tall flourishing Trees ; we past by
 it the 28th day.

The 29th we saw a sail to the North of us,
 which we chased : but it being little wind, we did
 not come up with her till the 30th day. Then,
 being within a league of her, Captain *Read*
 went in a Canoa and took her, and brought her
 aboard. She was a Proe with 4 men in her, be-
 longing to *Achin*, whither she was bound. She
 came

An. 1688 came from one of these Coco-nut Islands that we past by, and was laden with Coco-nuts, and Go-co-nut Oil. Captain *Read* ordered his men to take aboard all the Nuts, and as much of the Oyl as he thought convenient, and then cut a hole in the bottom of the Proe, and turned her loose, keeping the men Prisoners.

It was not for the lucre of the Cargo, that Captain *Read* took this Boat, but to hinder me and some others from going ashore; for he knew that we were ready to make our escapes, if an opportunity presented it self; and he thought, that by his abusing and robbing the Natives, we should be afraid to trust our selves among them. But yet this proceeding of his turned to our great advantage, as shall be declared hereafter.

May the 1st, we ran down by the North West end of the Island *Sumatra*, within 7 or 8 leagues of the shore. All this West side of *Sumatra* which we thus coasted along, our *Englishmen* at *Fort St. George*, call the *West Coast*, simply; without adding the name of *Sumatra*. The Prisoners who were taken the day before, shewed us the Islands that lye off of *Achin* Harbour, and the Channels through which Ships go in; and told us also that there was an *English* Factory at *Achin*. I wisht my self there, but was forced to wait with patience till my time was come.

We were now directing our course towards the *Nicobar* Islands, intending there to clean the Ship's bottom, in order to make her sail well.

The 4th day in the evening, we had sight of one of the *Nicobar* Islands. The Southermost of them lies about 40 leagues N. N. W. from the N. W. end of the Island *Sumatra*. This most Southerly of them is *Nicobar* it self, but all the cluster of Islands lying South of the *Audemans* Islands are called by our Seamen the *Nicobar* Islands.

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The Inhabitants of these Islands have no certain *An. 1688* converse with any Nation; but as Ships pass by them, they will come aboard in their Proes, and offer their Commodities to sale, never inquiring of what Nation they are; for all white people are alike to them. Their chiefest Commodities are Ambergrease and Fruits.

Ambergrease is often found by the Native *Indians* of these Islands, who know it very well; as also know how to cheat ignorant Strangers with a certain mixture like it. Several of our men bought such of them for a small purchase. Captain *Weldon* also about this time touched at some of these Islands, to the North of the Island where we lay: and I saw a great deal of such Ambergrease, that one of his men bought there; but it was not good, having no smell at all. Yet I saw some there very good and fragrant.

At that Island where Captain *Weldon* was, there were 2 Fryers sent thither to convert the *Indians*. One of them came away with Captain *Weldon*; the other remained there still. He that came away with Captain *Weldon* gave a very good character of the Inhabitants of that Island, *viz.* that they were very honest, civil, harmless People: that they were not addicted to Quarrelling, Theft, or Murder; that they did marry, or at least live as Man and Wife, one Man with one Woman, never changing till Death made the separation: that they were punctual and honest in performing their Bargains: and that they were inclined to receive the Christian Religion. This Relation I had afterwards from the mouth of a Priest at *Tonqueen*, who told me that he received this information by a Letter from the Frier that Captain *Weldon* brought away from thence. But to proceed.

The 5th day of *May* we ran down on the West side of the Island *Nicobar*, properly so called, and anchored

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An. 1688 anchored at the N. W. end of it, in a small Bay, in 8 fathom water, not half a mile from the shore. The body of this Island is in 7 d. 30 m. North Lat. it is about 12 leagues long, and 3 or 4 broad. The South end of it is pretty high, with steep Cliffs against the Sea: the rest of the Island is low, flat, and even. The mold of it is black, and deep: and it is very well watered with small running streams. It produceth abundance of tall Trees, fit for any uses: for the whole bulk of it seems to be but one entire Grove. But that which adds most to its beauty off at Sea, are the many spots of Coco-nut Trees which grow round it in every small Bay. The Bays are half a mile, or a mile long, more or less; and these Bays are intercepted, or divided from each other, with as many little rocky points of Woodland.

As the Coco-nut Trees do thus grow in Groves, fronting to the Sea, in the Bays, so there is another sort of Fruit Tree in the Bays bordering on the backside of the Coco Trees, farther from the Sea. It is called by the Natives a Melory Tree. This Tree is as big as our large Apple Trees, and as high. It hath a blackish rind, and a pretty broad leaf. The Fruit is as big as the Bread-fruit at *Guam*, described in Chapter X. or a large Penny Loaf. It is shaped like a Pear, and hath a pretty tough smooth rind, of a light green colour. The inside of the Fruit is in substance much like an Apple; but full of small strings, as big as a brown thread. I did never see of these Trees any where but here.

The Natives of this Island are tall well-limb'd Men: pretty long visaged, with black Eyes; their Noses middle proportioned, and the whole Symmetry of their Faces agreeing very well. Their Hair is black and lank, and their Skins of a dark copper colour. The Women have no Hair on their

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their Eye-brows. I do believe it is pluckt up by the roots ; for the Men had Hair growing on their Eye-brows, as other People. An. 1688

The Men go all naked save only a long narrow piece of cloath, or Sash, which going round their Wastes, and thence down between their Thighs, is brought up behind, and tuckt in at that part which goes about the Waste. The Women have a kind of a short Petticoat reaching from their Waste to their Knees.

Their Language was different from any that I had ever heard before ; yet they had some few *Malayan* words, and some of them had a word or two of *Portuguese* : which probably they might learn aboard of their Ships, passing by this place : for when these Men see a Sail they do presently go aboard of them in their Canoas. I did not perceive any Form of Religion that they had : they had neither Temple, nor Idol, nor any manner of outward veneration to any Deity, that I did see.

They inhabit all round the Island by the Sea side, in the Bays ; there being 4 or 5 Houses, more or less, in each Bay. Their Houses are built on Posts, as the *Mindanaians* are. They are small, low, and of a square form. There is but one Room in each House, and this Room is about 8 foot from the ground : and from thence the roof is railed about 8 foot higher. But instead of a sharp ridge, the top is exceeding neatly arched with small Rafters about the bigness of a Mans Arm, bent round like a Half-Moon, and very curiously thatched with Palmeto-leaves.

They live under no Government that I could perceive ; for they seem to be equal, without any distinction ; every Man ruling in his own House. Their Plantations are only those Coco-nut Trees which grow by the Sea side ; there being no cleared Land farther in on the Island : for I observ'd that

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An. 1688 when past the Fruit Trees, there were no paths to be seen going into the Woods. The greatest use which they make of their Coco-Trees is to draw *Toddy* from them, of which they are very fond.

The Melory Trees seem to grow wild: they have great Earthen Pots to boil the Melory Fruit in, which will hold 12 or 14 Gallons. These Pots they fill with the Fruit; and putting in a little water, they cover the mouth of the Pot with leaves, to keep in the steam, while it boils. When the Fruit is soft they peel off the rind, and scrape the pulp from the strings with a flat stick made like a Knife; and then make it up in great lumps, as big as a *Holland* Cheese; and then it will keep 6 or 7 days. It looks yellow, and tastes well, and is their chiefest food: for they have no Yams, Potatoes, Rice, nor Plantains (except a very few;) yet they have a few small Hogs, and a very few Cocks and Hens like ours. The Men employ themselves in Fishing; but I did not see much Fish that they got: every House hath at least 2 or 3 Canoas belonging to it, which they draw up ashore.

The Canoas that they go a fishing in are sharp at both ends: and both the sides and the bottom are very thin and smooth. They are shaped somewhat like the Proes at *Guam*, with one side flattish, and the other with a pretty big belly: and they have small slight Outlagers on one side. Being thus thin and light they are better managed with Oars than with Sails: yet they sail well enough, and are steer'd with a Paddle. There commonly go 20 or 30 Men in one of these Canoas; and seldom fewer than 9 or 10. Their Oars are short; and they do not paddle, but row with them, as we do. The Benches they sit on when they row are made of split Bambo's, laid across, and so near together, that they look like a Deck. The Bambo's lie moveable: so that when any go in to row they

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they take up a Bambo in the place where they would sit; and lay it by to make room for their Legs. The Canoa's of those of the rest of these Islands were like those of *Nicobar*: and probably they were alike in other things; for we saw no difference at all in the Natives of them, who came hither while we were here.

But to proceed with our affairs: it was, as I said before, the 5th day of *May*, about 10 in the morning, when we anchored at this Island: Captain *Read* immediately ordered his Men to heave the Ship in order to clean her: which was done this day and the next. All the Water Vessels were fill'd, they intending to go to Sea at night: for the winds being yet at N. N. E. the Captain was in hopes to get over to *Cape Comorin* before the wind shifted. Otherwise it would have been somewhat difficult for him to get thither; because the Westerly Monsoon was now at hand.

I thought now was my time to make my Escape, by getting leave, if possible, to stay here: for it seem'd not very feazable to do it by stealth; and I had no reason to despair of getting leave: this being a place where my stay could, probably, do our Crew no harm, should I design it. Indeed one reason that put me on the thoughts of staying at this particular place, besides the present opportunity of leaving Captain *Read*, which I did always intend to do, as soon as I could, was, that I had here also a prospect of advancing a profitable Trade for Ambergrease with these People, and of gaining a considerable fortune to my self: For in a short time I might have learned their Language, and by accustoming my self to row with them in the Proes or Canoa's, especially by conforming my self to their Customs and Manners of living, I should have seen how they got their Ambergrease, and have known what quantities they get, and

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An. 1688 the time of the year when most is found. And then afterwards I thought it would be easie for me to have transported my self from thence, either in some Ship that past this way, whether *English, Dutch, or Portuguesse*; or else to have gotten one of the young Men of the Island, to have gone with me in one of their Canoas to *Achin*; and there to have furnished my self with such Commodities, as I found most covered by them; and therewith, at my return, to have bought their Ambergrease.

I had, till this time, made no open show of going ashore here: but now, the water being fill'd, and the Ship in a readiness to sail, I desired Captain *Read* to set me ashore on this Island. He, supposing that I could not go ashore in a place less frequented by Ships than this, gave me leave: which probably he would have refused to have done, if he thought I should have gotten from hence in any short time; for fear of my giving an account of him to the *English* or *Dutch*. I soon got up my Chest and Bedding, and immediately got some to row me ashore; for fear lest his mind should change again.

The Canoa that brought me ashore, landed me on a small sandy Bay, where there were two Houses, but no person in them. For the Inhabitants were removed to some other House, probably, for fear of us; because the Ship was close by: and yet both Men and Women came aboard the Ship without any sign of fear. When our Ships Canoa was going aboard again, they met the Owner of the Houses coming ashore in his Boat. He made a great many signs to them to fetch me off again: but they would not understand him. Then he came to me, and offered his Boat to carry me off: but I refused it. Then he made signs for me to go up into the House, and, according as I did understand him by his signs, and a few *Malayan* words

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that he used, he intimated that somewhat would come out of the Woods in the night, when I was asleep, and kill me, meaning probably some Wild Beast. Then I carried my Chest and Cloaths up into the house.

I had not been ashore an hour before Captain Teat and one *John Damarell*, with 3 or 4 armed men more came to fetch me aboard again. They need not have sent an armed *Posse* for me; for had they but sent the Cabbin-boy ashore for me, I would not have denied going aboard. For though I could have hid my self in the Woods, yet then they would have abused, or have kill'd some of the Natives, purposely to incense them against me. I told them therefore, that I was ready to go with them, and went aboard with all my things.

When I came aboard I found the Ship in an uproar: for there were 3 men more, who taking courage by my example, desired leave also to accompany me. One of them was the Surgeon Mr. *Coppenger*, the other were Mr. *Robert Hall* and one named *Ambrose*; I have forgot his Sir-name. These men had always harboured the same designs as I had. The two last were not much opposed; but Captain *Read* and his Crew would not part with the Surgeon. At last the Surgeon leapt into the Canoa, and taking up my Gun, swore he would go ashore, and that if any man did oppose it, he would shoot him: but *John Oliver*; who was then Quarter-master, leapt into the Canoa, taking hold of him, took away the Gun, and with the help of 2 or 3 more; they dragg'd him again into the Ship.

Then Mr. *Hall* and *Ambrose* and I were again sent ashore; and one of the men that rowed us ashore stole an Ax, and gave it to us, knowing it was a good Commodity with the *Indians*. It was now dark, therefore we lighted a Candle, and I

being

An. 1688 being the oldest stander in our new Country, conducted them into one of the Houses, where we did presently hang up our Hammocks. We had scarce done this before the Canoa came ashore again, and brought the 4 *Malaya* men belonging to *Achin*, (which we took in the Proe we took off of *Sumatra*) and the *Portuguese* that came to our Ship out of the *Siam* Jonk at *Pulo Condore*: the Crew having no occasion for these, being leaving the *Malayan* parts, where the *Portuguese* Spark served as an Interpreter; and not fearing now that the *Achinese* could be serviceable to us in bringing us over to their Country, 40 leagues off: nor imagining that we durst make such an attempt: as indeed it was a bold one. Now we were Men enough to defend our selves against the Natives of this Island, if they should prove our Enemies: though if none of these Men had come ashore to me, I should not have feared any danger. Nay, perhaps less, because I should have been cautious of giving any offence to the Natives: and I am of the opinion, that there are no People in the world so barbarous, as to kill a single person that falls accidentally into their hands, or comesto live among them; except they have before been injured, by some outrage, or violence committed against them. Yet even then, or afterwards, if a Man could but preserve his Life from their first rage, and come to treat with them (which is the hardest thing, because their way is usually to abscond, and rushing suddenly upon their Enemy to kill him at unawares) one might, by some slight, insinuate ones self into their favours again. Especially by shewing some toy, or knack, that they did never see before: which any *European*, that has seen the world, might soon contrive to amuse them withal: as might be done, generally even with a little Fire struck with a Flint and Steel.

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As for the common opinion of *Anthropophagi*, or Man-eaters, I did never meet with any such people: All Nations or Families in the World, that I have seen or heard of, having some sort of food to live on, either Fruit, Grain, Pulse, or Roots; which grow naturally, or else planted by them; if not Fish, and Land-Animals besides; (yea, even the people of *New-Holland*, had Fish amidst all their penury) would scarce kill a man purposely to eat him. I know not what barbarous Customs may formerly have been in the world: and to sacrifice their Enemies to their Gods, is a thing hath been much talkt of with relation to the Savages of *America*. I am a stranger to that also, if it be, or have been customary in any Nation there; and yet, if they sacrifice their Enemies it is not necessary they should eat them too. After all, I will not be peremptory in the Negative, but I speak as to the compass of my own knowledge, and know some of these Cannibal stories to be false, and many of them have been disproved since I first went to the *West Indies*. At that time how barbarous were the poor *Florida Indians* accounted, which now we find to be civil enough? What strange stories have we heard of the *Indians*, whose Islands were called the Isles of *Cannibals*? Yet we find that they do Trade very civilly with the *French* and *Spaniards*; and have done so with us. I do own that they have formerly endeavoured to destroy our Plantations at *Barbadoes*, and have since hindred us from settling the Island *Santa Lucia*, by destroying 2 or 3 Colonies successively of those that were settled there; and even the Island *Tabago* has been often annoyed and ravaged by them, when settled by the *Dutch*, and still lies waste (though a delicate fruitful Island) as being too near the *Caribbees* on the Continent, who visit it every year. But this was to preserve their own right, by

An. 1688 endeavouring to keep out any that would settle themselves on those Islands, where they had planted themselves; yet, even these people would not hurt a single person, as I have been told by some that have been Prisoners among them. I could instance also in the *Indians* of *Bocca Toro*, and *Bocca Drago*, and many other places where they do live, as the *Spaniards* call it, wild and salvage; yet there they have been familiar with Privateers, but by abuses have withdrawn their friendship again. As for these *Nicobar* people, I found them affable enough, and therefore I did not fear them; but I did not much care whether I had gotten any more Company or no.

But however, I was very well satisfied, and the rather because we were now men enough to row our selves over to the Island *Sumatra*; and accordingly we presently consulted how to purchase a Canoa of the Natives.

It was a fine clear Moon-light Night, in which we were left ashore. Therefore we walked on the sandy Bay, to watch when the Ship would weigh and be gone, not thinking our selves secure in our new gotten liberty till then. About 11 or 12 a clock we saw her under sail, and then we returned to our Chamber, and so to sleep. This was the 6th of *May*.

The next morning betimes, our Landlord, with 4 or 5 of his friends, came to see his new guests, and was somewhat surprized to see so many of us, for he knew of no more but my self. Yet he seemed to be very well pleased, and entertained us with a large Calabash of Toddy, which he brought with him. Before he went away again, (for wheresoever we came they left their Houses to us, but whether out of fear or superstition I know not.) we bought a Canoa of him for an Ax, and we did presently put our Chests and Cloaths

in it, designing to go to the South end of the Island, and lye there till the Monsoon shifted, which we expected every day.

When our things were stowed away, we with the *Achinese* entered with joy into our new Frigate, and launched off from the shore. We were no sooner off, but our Canoa overset, bottom upwards. We preserved our lives well enough by swimming, and dragg'd also our Chests and Cloaths ashore; but all our things were wet. I had nothing of value but my Journal and some Drafts of Land, of my own taking, which I much prized, and which I had hitherto carefully preserved. Mr. Hall had also such another Cargo of Books and Drafts, which were now like to perish. But we presently opened our Chests and took out our Books, which, with much ado, we did afterwards dry; but some of our Drafts that lay loose in our Chests were spoiled.

We lay here afterwards 3 days, making great fires to dry our Books. The *Achinese* in the meantime fixt our Canoa, with Outlagers on each side; and they also cut a good Mast for her, and made a substantial sail with Mats.

The Canoa being now very well fixt, and our Books and Cloaths dry, we launched out the second time, and rowed towards the East side of the Island, leaving many Islands to the North of us. The *Indians* of the Island accompanied us with 8 or 10 Canoas against our desire; for we thought that these men would make Provision dearer at that side of the Island we were going to, by giving an account what rates we gave for it at the place from whence we came, which was owing to the Ships being there; for the Ships crew were not so thrifty in bargaining (as they seldom are) as single persons, or a few men might be apt to be, who would keep to one bargain. Therefore to

An. 1688 hinder them from going with us, Mr. *Hall* scared one Canoa's crew, by firing a shot over them. They all leapt over board, and cried out, but seeing us row away, they got into their Canoa again, and came after us.

The firing of that Gun made all the Inhabitants of the Island to be our Enemies. For presently after this we put ashore, at a Bay where were four Houses, and a great many Canoa's: but they all went away, and came near us no more, for several days. We had then a great Loaf of Melory, which was our constant food; and if we had a mind to Coco-nuts, or Toddy, our *Malayans* of *Achin* would climb the Trees, and fetch as many Nuts as we would have, and a good pot of Toddy every morning. Thus we lived till our Melory was almost spent; being still in hopes that the Natives would come to us, and sell it as they had formerly done. But they came not to us; nay, they opposed us where ever we came, and often shaking their Lances at us, made all the shew of hatred that they could invent.

At last, when we saw that they stood in opposition to us, we resolved to use force to get some of their food, if we could not get it other ways. With this resolution, we went in our Canoa to a small Bay, on the North part of the Island; because it was smooth water there and good landing, but on the other side, the wind being yet on that quarter, we could not land without jeopardy of oversetting our Canoa, and wetting our Arms, and then we must have lain at the mercy of our Enemies, who stood 2 or 300 men in every Bay, where they saw us coming, to keep us off.

When we set out, we rowed directly to the North end, and presently were followed by 7 or 8 of their Canoa's. They keeping at a distance, rowed away faster than we did, and got to the

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Bay before us: and there, with about 20 more Canoa's, full of Men, they all landed, and stood to hinder us from landing. But we rowed in, within a hundred yards of them: Then we lay still, and I took my Gun, and presented at them: at which they all fell down flat on the ground. But I turn'd my self about, and to shew that we did not intend to harm them, I fired my Gun off to Sea; so that they might see the Shot graze on the water. As soon as my Gun was loaden again, we rowed gently in: at which some of them withdrew. The rest standing up, did still cut and hew the Air, making signs of their hatred: till I once more frightened them with my Gun, and discharg'd it as before. Then more of them sneak'd away, leaving only 5 or 6 Men on the Bay. Then we rowed in again, and Mr. Hall, taking his Sword in his hand, leapt ashore; and I stood ready with my Gun to fire at the *Inajians*, if they had injured him: but they did not stir, till he came to them, and saluted them.

He shook them by the hand, and by such signs of friendship as he made, the Peace was concluded, ratified and confirmed, by all that were present: and others that were gone, were again call'd back, and they all very joyfully accepted of a Peace. This became universal over all the Island, to the great joy of the Inhabitants. There was no ringing of Bells, nor Bonfires made, for that is not the custom here; but gladness appeared in their Countenances, for now they could go out and fish again, without fear of being taken. This peace was not more welcom to them than to us; for now the Inhabitants brought their Melory again to us; which we bought for old Rags, and small stripes of Cloath, about as broad as the palm of ones hand. I did not see above 5 or 6 Hens, for they have but few on the Island. At some places we saw some small Hogs, which we could have

An. 1688 bought of them reasonably ; but we would not offend our *Achinefe* Friends, who were Mahometans.

We staid here 2 or 3 days, and then rowed toward the South end of the Island, keeping on the East side, and we were kindly received by the Natives, where ever we came. When we arrived at the South end of the Island, we fitted our selves with Melory, and Water. We bought 3 or 4 Loaves of Melory, and about 12 large Coco-nut shells, that had all the Kernel taken out, yet were preserved whole except only a small hole at one end ; and all these held for us about 3 gallons and a half of Water. We bought also 2 or 3 Bambo's, that held about 4 or 5 gallons more : This was our Sea store.

We now designed to go to *Achin*, a Town on the N. W. end of the Island *Sumatra*, distant from hence about 40 leagues, bearing South South East. We only waited for the western Monsoon, which we had expected a great while, and now it seemed to be at hand ; for the Clouds began to hang their heads to the Eastward, and at last moved gently that way ; and though the Wind was still at East, yet this was an infallible sign that the western Monsoon was nigh.

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The Author with some other puts to Sea in an open Boat, designing for Achin. Their Accommodations for their Voyage. Change of Weather; a Halo about the Sun, and a violent storm. Their great danger and distress. Cudda a Town and Harbour on the Coast of Malacca. Pulo Way. Golden Mountain on the Isle of Sumatra: River and Town of Passenge-Jonca, on Sumatra, near Diamond-point: where they go ashore very sick, and are kindly entertained by the Oromkay, and Inhabitants. They go thence to Achin. The Author is examined before the Shabander; and takes Physick of a Malayan Doctor. His long illness. He sets out towards Nicobar again, but returns suddenly to Achin Road. He makes several Voyages thence, to Tonqueen, to Malacca, to Fort St. George, and to Bencouli, an English Factory on Sumatra. An account of the Ships Crew, who set the Author ashore at Nicobar. Some go to Trangambar, a Danish Fort on Coromandel; others to Fort St. George; many to the Mogul's Camp. Of the Peuns; and how John Oliver made himself a Captain. Captain Read with the rest, having plundered a rich Portuguese Ship near Ceylon, goes to Madagascar, and Ships himself off thence in a New-york Ship. The Traverses of the rest to Johanna, &c.

The state of their little Vessel.

&c. *Their Ship, the Cygnet of London, now lies sunk in Augustin Bay at Madagascar. Of Prince Jeoly, the Painted man, whom the Author brought with him to England, and who died at Oxford. Of his Country the Isle of Meangis; the Cloves there, &c. The Author is made Gunner of Ben-couli, but is forced to slip away from thence, to come for England.*

IT was the 15th day of *May* 1688, about 4 a clock in the afternoon, when we left *Nicobar* Island, directing our course toward *Achin*, being 8 men of us in Company, *viz.* 3 *English*, 4 *Malayans*, who were born at *Achin*, and the mungrel *Portuguese*.

Our Vessel, the *Nicobar* Canoa, was not one of the biggest, nor of the least size: She was much about the burthen of one of our *London* Wherrys below Bridge; and built sharp at both ends, like the fore part of a Wherry. She was deeper than a Wherry, but not so broad, and was so thin and light, that when empty, 4 men could launch her, or hale her ashore on a sandy Bay. We had a good substantial Mast, and a mat Sail, and good Outlagers last very fast and firm on each side the Vessel, being made of strong poles. So that while these continued firm, the Vessel could not overset, which she would easily have done without them; and with them too, had they not been made very strong; and we were therefore much beholding to our *Achine*se Companions, for this contrivance.

These men were none of them so sensible of the danger as *Mr. Hall* and my self, for they all confided so much in us, that they did not so much as scruple any thing that we did approve of. Neither

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was Mr. *Hall* so well provided as I was, for before we left the Ship, I had purposely consulted our Draft of the *East Indies*, (for we had but one in the Ship) and out of that I had written in my pocket-book an account of the bearing and distance of all the *Malacca Coast*, and that of *Sumatra*, *Pegu*, and *Siam*, and also brought away with me a pocket Compass for my direction, in any enterprize that I should undertake.

The weather at our setting out, was very fair, clear and hot. The Wind was still at S. E. a very small breeze, just fanning the Air, and the Clouds were moving gently from West to East, which gave us hopes that the Winds were either at West already, abroad at Sea, or would be so in a very short time. We took this opportunity of fair weather, being in hopes to accomplish our Voyage to *Achin*, before the western Monsoon was set in strong, knowing that we should have very blustering weather after this fair weather, especially at the first coming of the western Monsoon.

We rowed therefore away to the Southward, supposing that when we were clear from the Island we should have a true Wind, as we call it, for the Land hales the Wind; and we often find the Wind at Sea different from what it is near the Shore. We rowed with 4 Oars, taking our turns: Mr. *Hall* and I steered also by turns, for none of the rest were capable of it. We rowed the first afternoon, and the night ensuing, about twelve leagues, by my judgment. Our course was South South East, but the 16th day in the morning, when the Sun was an hour high, we saw the Island from whence we came, bearing N. W. by N. Therefore I found we had gone a point more to the East than I intended, for which reason we steered S. by E.

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In the afternoon at 4 a clock, we had a gentle breeze at W. S. W. which continued so till 9, all which time we laid down our Oars, and steered away S. S. E. I was then at the Helm, and I found by the rippling of the Sea, that there was a strong Current against us. It made a great noise that might be heard near half a mile. At 9 a clock it fell calm, and so continued till 10. Then the Wind sprung up again, and blew a fresh breeze all night.

The 17th day in the morning we lookt out for the Island *Sumatra*, supposing that we were now within 20 leagues of it; for we had rowed and sailed, by our reckoning 24 leagues from *Nicobar* Island; and the distance from *Nicobar* to *Achin* is about 40 leagues. But we lookt in vain for the Island *Sumatra*; for turning our selves about, we saw, to our grief, *Nicobar* Island, lying W. N. W. and not above 8 leagues distant. By this it was visible, that we had met a very strong Current against us in the night. But the wind freshened on us, and we made the best use of it while the weather continued fair. At noon we had an observation of the Sun, my lat. was 6 d. 55 m. and Mr. *Hall's* was 7 d. N.

The 18th day the Wind freshened on us again and the Sky began to be clouded. It was indifferent clear till noon, and we thought to have had an Observation: but we were hindred by the Clouds, that covered the face of the Sun, when it came on the Meridian. This often happens that we are disappointed of making Observations, by the Suns being clouded at noon, though it shines clear, both before and after, especially in places near the Sun; and this obscuring of the Sun at noon, is commonly sudden and unexpected, and for about half an hour or more.

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We had then also a very ill presage, by a great Circle about the Sun, (5 or 6 times the Diameter of it) which seldom appears, but storms of Wind, or much Rain ensue. Such Circles about the Moon are more frequent, but of less import. We do commonly take great notice of these that are about the Sun, observing if there be any breach in the Circle, and in what quarter the breach is, for from thence we commonly find the greatest stress of the Wind will come. I must confess that I was a little anxious at the sight of this Circle, and wisht heartily that we were near some Land. Yet I shewed no sign of it to discourage my Conforts, but made a virtue of necessity, and put a good countenance on the matter.

I told Mr. *Hall* that if the Wind became too strong and violent, as I feared it would, it being even then very strong, we must of necessity steer away before the Wind and Sea, till better Weather presented; and that as the Winds were now, we should, instead of about 20 leagues to *Achin*, be driven 60 or 70 leagues to the Coast of *Cudda* or *Queda*, a Kingdom, and Town, and Harbour of Trade on the Coast of *Malacca*.

The Winds therefore bearing very hard, we rolled up the foot of our Sail on a pole fastned to it, and settled our yard within 3 foot of the Canoa sides, so that we had now but a small sail; yet it was still too big, considering the Wind; for the Wind being on our broad side, prest her down very much, tho supported by her Outlagers; inso-much that the poles of the Outlagers going from the sides of their Vessel, bent as if they would break; and should they have broken our overturning and perishing had been inevitable. Besides, the Sea increasing, would soon have filled the Vessel this way. Yet thus we made a shift to bear up with the side of the Vessel against the Wind for a while:

An. 1688



while: But the Wind still increasing, about one a clock in the afternoon we put away right before Wind and Sea, continuing to run thus all the afternoon, and part of the night ensuing. The Wind continued, increasing all the afternoon, and the Sea still swelled higher, and often broke, but did us no damage; for the ends of the Vessel being very narrow, he that steered received and broke the Sea on his back, and so kept it from coming in so much as to endanger the Vessel: though much Water would come in, which we were forced to keep heaving out continually. And by this time we saw it was well that we had altered our course, every Wave would else have filled and sunk us, taking the side of the Vessel: And though our Outlagers were well lasht down to the Canoas bottom with Rattans, yet they must probably have yielded to such a Sea as this; when even before, they were plunged under Water, and bent like twigs.

The evening of this 18th day was very dismal. The Sky looked very black, being covered with dark Clouds, the Wind blew hard, and the Seas ran high. The Sea was already roaring in a white foam about us; a dark night coming on, and no Land in sight to shelter us, and our little Ark in danger to be swallowed by every Wave; and what was worst of all, none of us thought our selves prepared for another World. The Reader may better guess, than I can express, the confusion that we were all in. I had been in many eminent dangers before now, some of which I have already related, but the worst of them all was but a play-game, in comparison with this. I must confess that I was in great conflicts of Mind at this time. Other dangers came not upon me with such a leisurely and dreadful solemnity: A sudden Skirmish or Engagement, or so,

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was nothing when ones blood was up, and pusht forward with eager expectations. But here I had a lingring view of approaching death, and little or no hopes of escaping it; and I must confess that my courage, which I had hitherto kept up, failed me here; and I made very sad reflections on my former Life, and lookt back with horrou and detestation, on actions which before I disliked, but now I trembled at the remembrance of. I had long before this repented me of that rovingcourse of life, but never with such concern as now. I did also call to mind the many miraculous acts of Gods Providence towards me, in the whole course of my life, of which kind, I believe few men have met with the like. For all these I returned thanks in a peculiar manner, and this once more desired Gods assistance, and composed my mind, as well as I could, in the hopes of it, and, as the event shew'd, I was not disappointed of my hopes.

Submitting our selves therefore to Gods good providence, and taking all the care we could to preserve our lives, Mr. *Hall* and I took turns to steer, and the rest took turns to heave out the Water, and thus we provided to spend the most doleful night I ever was in. About 10 a clock it began to Thunder, Lighten, and Rain; but the Rain was very welcom to us, having drank up all the Water we brought from the Island.

The Wind at first blew harder than before, but within half an hour, it abated, and became more moderate; and the Sea also asswaged of its fury, and then by a lighted Match, of which we kept a piece burning on purpose, we looked on our Compass, to see how we steered, and found our course to be still East. We had no occasion to look on the Compass before, for we steered right before the Wind, which if it had shifted, we had

An. 1688 had been obliged to have altered our course accordingly. But now it being abated, we found our Vessel lively enough with that small sail which was then aboard, to hale to our former course, S. S. E. which accordingly we did, being now in hopes again to get to the Island *Sumatra*.

But about 2 a clock in the morning of the 19th day, we had another gust of Wind, with much Thunder, Lightening, and Rain, which lasted till day, and obliged us to put before the Wind again, steering thus for several hours. It was very dark, and the hard Rain soaked us so thoroughly, that we had not one dry thread about us. The Rain chill'd us extreamly; for any fresh water is much colder than that of the Sea. For even in the coldest Climates the Sea is warm, and in the hottest Climates the Rain is cold, and unwholesome for mans body. In this wet starveling plight we spent the tedious night. Never did poor Mariners on a Lee-shore more earnestly long for the dawning light, than we did now. At length the day appeared; but with such dark black Clouds near the Horizon, that the first glimpse of the Dawn appeared 30 or 40 degrees high; which was dreadful enough: for it is a common saying among Sea-men, and true as I have experienced, that a *high dawn* will have *high winds*, and a *low dawn*, *small winds*.

We continued our course still East, before Wind and Sea, till about 8 a clock in the morning of this 19th day; and then one of our *Malayan* friends cryed out, *Pulo Way*. Mr. *Hall*, and *Ambrose*, and I, thought the fellow had said, *Pull away*, an expression usual among *English* Sea-men, when they are Rowing. And we wonder'd what he meant by it, till we saw him point to his consorts; and then we looking that way, saw Land appearing, like an Island, and all our *Malayans* said it was an
Island

River and Town of Passange Jonca on Sumatra. 499

Island at the N. W. end of *Sumatra*, called *Way*; *An. 1688*
for *Pulo Way*, is the Island *Way*. We, who were
dropping with wet, cold and hungry, were all
overjoyed at the sight of the Land, and presently
marked its bearing. It bore South, and the Wind
was still at West, a strong gale; but the Sea did
not run so high as in the night. Therefore we
trimmed our small Sail no bigger than an Apron, and
steered with it. Now our Outlayers did us a great
kindness again, for although we had but a small
sail, yet the Wind was strong, and prest down
our Vessels side very much: but being supported
by the Outlayers, we could brook it well enough,
which otherwise we could not have done.

About noon we saw more Land, beneath the
supposed *Pulo Way*; and steering towards it, before
night we saw all the Coast of *Sumatra*, and found
the errors of our *Achinese*; for the high Land
that we first saw, which then appeared like an
Island, was not *Pulo Way*, but a great high Moun-
tain on the Island *Sumatra*, called by the *English*
the *Golden Mountain*. Our Wind continued till a-
bout 7 a clock at night; then it abated, and at
10 a clock it died away: and then we stuck to our
Oars again, though all of us quite tired with our
former fatigues and hardships.

The next morning being the 20th day, we saw
all the low Land plain, and judged our selves not
above 8 leagues off. About 8 a clock in the morn-
ing we had the Wind again at West, a fresh gale;
and steering in still for the Shore, at 5 a clock in
the afternoon we run to the mouth of a River on
the Island *Sumatra*, called *Passange Jonca*. It is 34
leagues to the Eastward of *Achin*, and 6 leagues to
the West of *Diamond Point*, which makes with 3
Angles of a Rhombus, and is low Land.

Our *Malayans* were very well acquainted here,
and carried us to a small fishing Village; within a

An. 1688 *mile of the Rivers mouth, called also by the name of the River, Passange Jonca.* The hardships of this Voyage, with the scorching heat of the Sun, at our first setting out, and the cold Rain and our continuing we for the last two days, cast us all into Fevers, so that now we were not able to help each other, nor so much as to get our Canoa up to the Village; but our *Malayans* got some of the Townsmen to bring her up.

The news of our arrival being noised abroad, one of the *Oramkai's* or Noblemen of the Island, came in the night to see us. We were then lying in a small Hut, at the end of the Town, and it being late, this Lord only viewed us, and having spoken with our *Malayans*, went away again; but he returned to us again the next day, and provided a large house for us to live in, till we should be recovered of our sickness; ordering the Townspeople to let us want for nothing. The *Achinese Malayans* that came with us, told them all the circumstances of our Voyage; how they were taken by our Ship, and where, and how we that came with them were Prisoners aboard the Ship, and had been set ashore together at *Nicobar*, as they were. It was for this reason probably, that the Gentlemen of *Sumatra* were thus extraordinary kind to us, to provide every thing that we had need of; nay, they would force us to accept of Presents from them, that we knew not what to do with; as young Buffaloes, Goats, &c. for these we would turn loose at night, after the Gentlemen that gave them to us were gone, for we were prompted by our *Achinese* Consorts to accept of them, for fear of disobliging by our refusal. But the Coco-nuts, Plantains, Fowls, Eggs, Fish and Rice, we kept for our use. The *Malayans* that accompanied us from *Nicobar* separated themselves from us now, living at one end of the house

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His Sickness.

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An. 1688

by themselves, for they were *Mahometans*, as all those of the Kingdom of *Achin* are; and though during our passage by Sea together, we made them content to drink their water out of the same Coco-shell with us; yet being now no longer under that necessity, they again took up their accustomed nicety and reservedness. They all lay sick, and as their sickness increas'd, one of them threatned us that if any of them died, the rest should kill us, for having brought them this Voyage: yet I question whether they would have contempred, or the Country people have suffer'd it. We made a shift to dress our own food, for none of these people, though they were very kind in giving us any thing that we wanted, would yet come near us, to assist us in dressing our victuals: nay they would not touch any thing that we used. We had all Fevers, and therefore took turns to dress victuals, according as we had strength to do it, or stomachs to eat. I found my Fever to encrease, and my head so distemper'd, that I could scarce stand, therefore I whetted and sharpened my Penknife, in order to let my self blood, but I could not; for my Knife was too blunt.

We stay'd here 10 or 12 days, in hopes to recover our health, but finding no amendment, we desired to go to *Achin*. But we were delayed by the Natives, who had a desire to have kept Mr. Hall and my self, to sail in their Vessels to *Malucca*, *Cudda*, or to other places whither they Trade. But finding us more desirous to be with our Countrymen, in our Factory at *Achin*, they provided a large Proe to carry us thither, we not being able to manage our own Canoa. Besides, before this 3 of our *Malayan* Comrades were gone very sick into the Country, and only one of them and the *Portuguese* remained with us, accompanying us to *Achin*, and they both as sick as we.

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An. 1688

It was the beginning of June 1688, when we left *Passange Jonca*. We had 4 men to row, one to steer, and a Gentleman of the Country, that went purposely to give an information to the Government of our arrival. We were but 3 days and nights in our passage, having Sea Breezes by day, and Land Winds by night, and very fair Weather.

When we arrived at *Achin*, I was carry'd before the *Sbabander*, the chief Magistrate in the City. One Mr. *Dennis Driscall*, an *Irish* man, and a Resident there, in the Factory which our *East-India* Company had there then, was Interpreter. I being weak, was suffer'd to stand in the *Sbabander's* presence: for it is their custom to make men sit on the floor, as they do, cross-legg'd like *Taylors*: but I had not strength then to pluck up my heels in that manner. The *Sbabander* asked of me several questions, especially how we durst adventure to come in a Canoa from the *Nicobar* Island to *Sumatra*. I told him, that I had been accustomed to hardships and hazards, therefore I did with much freedom undertake it. He inquired also concerning our Ship, whence she came, &c. I told him from the *South Seas*; that she had ranged about the *Philippine* Islands, &c. and was now gone towards *Arabia*, and the *Red Sea*. The *Malayans* also and *Portuguese* were afterward examined, and confirmed what I declared, and in less than half an hour, I was dismiss with Mr. *Driscal*, who then lived in the *English East India* Companies Factory. He provided a Room for us to lye in, and some Victuals.

Three days after our arrival here our *Portuguese* died of a Fever. What became of our *Malayans* I know not. *Ambrose* lived not long after. Mr. *Hall* also was so weak, that I did not think he would

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recover. I was the best; yet still very sick of a
Fever, and little likely to live. Therefore Mr. *Drif-*
cal, and some other *Englishmen*, perswaded me to
take some purging Physick of a *Malayan* Doctor. I
took their advice, being willing to get ease: but
after 3 Doses, each a large Calabash of nasty Stuff,
finding no amendment, I thought to desist from
more Physick: but was perswaded to take one Dose
more; which I did, and it wrought so violently,
that I thought it would have ended my days. I
struggled till I had been about 20 or 30 times at
stool: but it working so quick with me, with little
intermission, and my strength being almost spent,
I even threw my self down once for all, and had
above 60 stools in all before it left off working. I
thought my *Malayan* Doctor, whom they so much
commended, would have killed me outright. I
continued extraordinary weak for some days after
his drenching me thus: but my Fever left me for
above a week: after which it returned upon me a-
gain for a twelve month, and a Flux with it.

However, when I was a little recover'd from
the effects of my Drench, I made a shift to go a-
broad: and having been kindly invited to Captain
Bowrey's House there, my first visit was to him; who
had a Ship in the Road, but lived ashore. This
Gentleman was extraordinary kind to us all, par-
ticularly to me, and importuned me to go his
Boatswain to *Persia*; whither he was bound, with
a design to sell his Ship there; as I was told, tho
not by himself. From thence he intended to pass
with the Caravan to *Aleppo*, and so home for *En-*
gland. His business requir'd him to stay some time
longer at *Achin*; I judge, to sell some commodities,
that he had not yet disposed of. Yet he chose ra-
ther to leave the disposal of them to some Mer-
chant there; and make a short trip to the *Nicobar*
Islands in the mean time, and on his return to take

An. 1688 in his effects, and so proceed towards *Persia*. This was a sudden resolution of Captain *Bowry's*, presently after the arrival of a small Frigot from *Siam*, with an Ambassador from the King of *Siam*, to the Queen of *Achin*. The Ambassador was a *Frenchman* by Nation. The Vessel that he came in was but small, yet very well mann'd, and fitted for a fight. Therefore it was generally supposed here, that Captain *Bowry* was afraid to lye in *Achin Road*, because the *Siamers* were now at Wars with the *English*, and he was not able to defend his Ship, if he should be attackt by them.

But whatever made him think of going to the *Nicobar Islands*, he provided to sail; and took me, Mr. *Hall*, and *Ambrose* with him: tho' all of us so sick and weak that we could do him no service. It was some time about the beginning of *June* when we sailed out of *Achin Road*: but we met with the Winds at N. W. with turbulent weather, which forced us back again in 2 days time. Yet he gave us each 12 *Mess* a piece, a Gold Coyn, each of which is about the value of 15 pence *English*. So he gave over that design: and some *English Ships* coming into *Achin Road*, he was not afraid of the *Siamers* who lay there.

After this, he again invited me to his House at *Achin*, and treated me always with Wine and good Cheer, and still importuned me to go with him to *Persia*: but I being very weak, and fearing the Westerly Winds would create a great deal of trouble, did not give him a positive answer: especially because I thought I might get a better Voyage in the *English Ships* newly arrived, or some others now expected here. It was this Captain *Bowry* who sent the Letter from *Borneo* directed to the Chief of the *English Factory* at *Mindanao*, of which mention is made in Chapter the XIII.

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A short time after this Captain *Welden* arrived here from *Fort St. George*, in a Ship called the *Curtana*, bound to *Tonqueen*. This being a more agreeable Voyage than to *Persia*, at this time of the year, besides that the Ship was better accommodated, especially with a Surgeon, and I being still sick; I therefore chose rather to serve Captain *Welden* than Captain *Bowry*. But to go on with a particular account of that Expedition were to carry my Reader back again: whom having brought thus far towards *England* in my Circum-Navigation of the Globe, I shall not now weary him with new Rambles, nor so much swell this Volume as I must to describe the Tour I made in those remote parts of the *East Indies*, from and to *Sumatra*. So that my Voyage to *Tonqueen* at this time, as also another to *Malacca* afterwards, with my Observations in them, and the Descriptions of those and the Neighbouring Countries; as well as the Description of the Island *Sumatra* it self, and therein the Kingdom and City of *Achin*, *Bencouli*, &c. I shall refer to another place, where I may give a particular relation of them. In short, it may suffice, that I set out to *Tonqueen* with Captain *Welden* about *July* 1688, and returned to *Achin* in the *April* following. I staid here till the latter end of *September* 1689. and making a short Voyage to *Malacca*, came thither again about *Christmas*. Soon after that I went to *Fort St. George*, and staying there about 5 months, I return'd once more to *Sumatra*; not to *Achin*, but *Bencouli*, an *English* Factory on the West Coast; of which I was Gunner about 5 months more.

So that having brought my Reader to *Sumatra*, without carrying him back, I shall bring him on next way from thence to *England*: And of all that occur'd between my first setting out from this Island in 1688, and my final departure from it at the beginning of the year 1691, I shall only take

An. 1689 notice at present of two passages ; which I think I ought not to omit.

The first is, that at my Return from *Malacca*, a little before *Christmas*, 1689, I found at *Achin* one Mr. *Morgan*, who was one of our Ships Crew that left me ashore at *Nicobar*, now Mate of a *Danish* Ship of *Trangambar* ; which is a Town on the Coast of *Coromandel*, near *Cape Comorin*, belonging to the *Danes* : And receiving an account of our Crew from him and others, I thought it might not be amiss to gratifie the Readers Curiosity therewith ; who would probably be desirous to know the success of those Ramblers, in their new intended Expedition towards the *Red Sea* : and withal I thought it might not be unlikely that these Papers may fall into the hands of some of our *London* Merchants, who were concern'd in fitting out that Ship ; which I said formerly, was called the *Cygnet of London*, sent on a Trading Voyage into the *South Seas*, under the Command of Captain *Swan* : and that they might be willing to have a particular Information of the fate of their Ship. And by the way, even before this meeting with Mr. *Morgan*, while I was at *Tonqueen*, *January* 1689, I met with an *English* Ship in the River of *Tonqueen*, called the *Rainbow of London*, Captain *Poole* Commander ; by whose Mate, Mr. *Barlow*, who was returning in that Ship to *England*, I sent a Pacquet, which he undertook to deliver to the Merchants, Owners of the *Cygnet*, some of which he said he knew : wherein I gave a particular account of all the Course and Transactions of their Ship, from the time of my first meeting it in the *South Seas*, and going aboard it there, to its leaving me ashore at *Nicobar*. But I never could hear that either that, or other Letters which I sent at the same time, were received.

To proceed therefore with *Morgan's* Relation : He told me, that when they in the *Cygnet* went a way

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way from *Nicobar*, in pursuit of their intended Voyage to *Persia*, they directed their course towards *Ceylon*. But not being able to weather it, the Westerly Monsoon bearing hard against them, they were obliged to seek refreshment on the Coast of *Coromandel*. Here this mad fickle crew were upon new projects again. Their designs meeting with such delays and obstructions, they many of them grew weary of it, and about half of them went ashore. Of this number, Mr. *Morgan*, who told me this, and Mr. *Herman Coppinger* the Surgeon, went to the *Danes* at *Trangambar*, who kindly received them. There they lived very well; and Mr. *Morgan* was employed as a Mate in a Ship of theirs at this time to *Achin*; and Captain *Knox* tells me, that he since Commanded the *Curtana*, the Ship that I went in to *Tonqueen*, which Captain *Welden* having sold to the Mogul's Subjects, they employed Mr. *Morgan* as Captain to trade in her for them; and it is an usual thing for the trading *Indians* to hire *Europeans* to go Officers on board their Ships; especially Captains and Gunners.

About two or three more of these that were set ashore, went to *Fort St. George*; but the main body of them were for going into the Mogul's Service. Our Seamen are apt to have great notions of I know not what profit and advantages to be had in serving the Mogul; nor do they want for fine stories to encourage one another to it. It was what these men had long been thinking and talking of as a fine thing; but now they went upon it in good earnest. The place where they went ashore was at a Town of the *Moors*: which name our Seamen give to all the Subjects of the great Mogul, but especially his *Mahometan* Subjects; calling the Idolaters, *Gentous*, or *Rashbouts*. At this *Moors* Town they got a Peun to be their Guide to the

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An. 1689 the Mogul's nearest Camp: for he hath always several Armies in his vast Empire.

These Peuns are some of the *Gentous*, or *Rashbouts*, who in all places along the Coast, especially in Sea-port Towns, make it their business to hire themselves to wait upon strangers, be they Merchants, Seamen, or what they will. To qualify them for such attendance, they learn the *European Languages*, *English*, *Dutch*, *French*, *Portuguese*, &c. according as they have any of the *Factories* of these Nations, in their Neighbourhood, or are visited by their Ships. No sooner doth any such Ship come to an Anchor, and the men come ashore, but a great many of these Peuns are ready to proffer their Service. 'Tis usual for the strangers to hire their attendance during their stay there, giving them about a Crown a month of our Money, more or less. The richest sort of men will ordinarily hire 2 or 3 Peuns to wait upon them; and even the common Seamen if able, will hire one a piece to attend them, either for convenience or ostentation; or sometimes one Peun between two of them. These Peuns serve them in many capacities, as Interpreters, Brokers, Servants to attend at Meals and go to Market, and on Errands, &c. Nor do they give any trouble, eating at their own homes, and lodging there, when they have done their Masters business for them; expecting nothing but their Wages, except that they have a certain allowance of about a Fanam, or 3 *d.* in a Dollar which is an 18th part profit, by way of Brokerage for every Bargain they drive: they being generally employed in buying and selling. When the Strangers go away, their Peuns desire them to give them their Names in Writing, with a Certificate of their honest and diligent serving them: and these they shew to the next comers, to get into business; some being able to produce a large scrawl of such Certificates.

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But to proceed, The *Moors* Town where these men landed, was not far from *Cumaimere*, a small *English* Factory on the *Coromandel* Coast. The Governour whereof having intelligence by the *Moors* of the landing of these men, and their intended march to the Mogul's Camp, sent out a Captain with his Company to oppose it. He came up with them, and gave them hard words: but they being 30 or 40 resolute Fellows, not easily daunted, he durst not attack them, but returned to the Governour, and the news of it was soon carried to *Fort St. George*. During their march *John Oliver* who was one of them, privately told the Peun who guided them, that himself was their Captain. So when they came to the Camp, the Peun told this to the General: and when their Stations and Pay were assign'd them, *John Oliver* had a greater respect paid him than the rest; and whereas their pay was ten Pagodas a month each man, (a Pagoda is 2 Dollars or 9 s. English) his pay was 20 Pagodas: which stratagem and usurpation of his occasioned him no small envy and indignation from his Comerades.

Soon after this 2 or 3 of them went to *Agra*, to be of the Moguls Guard. A while after the Governour of *Fort St. George* sent a message to the main body of them, and a Pardon to withdraw them from thence; which most of them accepted, and came away. *John Oliver*, and the small Remainder, continued in the Country; but leaving the Camp, went up and down plundering the Villages, and fleeing when they were pursued; and this was the last News I heard of them. This account I had, partly by Mr. *Morgan*, from some of those Deserters he met with at *Trangambar*: and partly from others of them whom I met with my self afterwards at *Fort St. George*. And these were the Adventures of those who went up into the Country.

Captain

An. 1689 Captain *Read* having thus lost the best half of his Men, sailed away with the rest of them, after having filled his Water, and got Rice, still intending for the *Red Sea*. When they were near *Ceylon*, they met with a *Portuguese* Ship richly laden: out of which they took what they pleas'd, and then turn'd her away again. From thence they pursued their Voyage; but the Westerly Winds bearing hard against them, and making it hardly feizable for them to reach the *Red Sea*, they stood away for *Madagascar*. There they entered into the service of one of the Petty Princes of that Island, to assist him against his Neighbours, with whom he was at Wars. During this Interval, a small Vessel from *New York* came hither to purchase Slaves: which Trade is driven here, as it is upon the Coast of *Guinea*; one Nation or Clan selling others that are their Enemies. Captain *Read*, with about 5 or 6 more, stole away from their Crew, and went aboard this *New York* Ship; and Captain *Teat* was made Commander of the Residue. Soon after which, a Brigantine from the *West Indies*, Captain *Knight* Commander, coming thither with design to go to the *Red Sea* also, these of the *Cygnet* consoorted with them, and they went together to the Island *Jobanna*. Thence going together towards the *Red Sea*, the *Cygnet* proving leaky, and sailing heavily, as being much out of Repair, Captain *Knight* grew weary of her Company, and giving her the slip in the night, went away for *Achin*; for having heard that there was plenty of Gold there, he went thither with a design to cruize: and 'twas from one Mr. *Humes*, belonging to the *Ann* of *London*, Captain *Freke* Commander, who had gone aboard Captain *Knight*, and whom I saw afterwards at *Achin*, that I had this Relation. Some of Captain *Freke's* Men, their own Ship being lost, had gone aboard the *Cygnet* at *Jobanna*: and after Captain *Knight* had left her,

her, she still pursued her Voyage towards the Red Sea: but the Winds being against them, and the Ship in so ill a condition, they were forc'd to bear away for *Coremandel*, where Captain *Teat* and his own Men went ashore to serve the Mogul. But the Strangers of Captain *Freke's* Ship, who kept still aboard the *Cygnets*, undertook to carry her for *England*: and the last News I heard of the *Cygnets* was from Captain *Knox*, who tells me that she now lies sunk in *St. Augustin Bay* in *Madagascar*. This Digression I have made to give an account of our Ship.

The other passage I shall speak of, that occurred during this Interval of the Tour I made from *Achin*, is with relation to the Painted Prince, whom I brought with me into *England*, and who died at *Oxford*. For while I was at *Fort St. George*, about *April 1690*, there arriv'd a Ship called the *Mindanao Merchant*, laden with Clove-bark from *Mindanao*. 3 of Captain *Swan's* Men, that remained there when we went from thence, came in her: from whom I had the Account of Captain *Swan's* Death, as is before related. There was also one *Mr. Moody*, who was Supercargo of the Ship. This Gentleman bought at *Mindanao* the Painted Prince *Jeoly* (mentioned in Chapter XIII.) and his Mother; and brought them to *Fort St. George*; where they were much admired by all that saw them. Some time after this, *Mr. Moody*, who spoke the *Malayan* Language very well, and was a person very capable to manage the Companys affairs, was ordered by the Governour of *Fort St. George* to prepare to go to *Indrapore*, an *English* Factory on the West Coast of *Sumatra*, in order to succeed *Mr. Gibbons*, who was Chief of that place.

By this time I was very intimately acquainted with *Mr. Moody*, and was importuned by him to go with him, and to be Gunner of the Fort there. I always

An. 1690 always told him I had a great desire to go to the Bay of *Bengal*, and that I had now an offer to go thither with Captain *Metcalf*, who wanted a Mate, and had already spoke to me. Mr. *Moody*, to encourage me to go with him, told me, that if I would go with him to *Indrapore*, he would buy a small Vessel there, and send me to the Island *Meangis*, Commander of her; and that I should carry Prince *Feoly* and his Mother with me (that being their Country) by which means I might gain a Commerce with his People for Cloves.

This was a design that I liked very well; therefore I consented to go thither. It was some time in *July* 1690. when we went from *Fort St. George*, in a small Ship called the *Diamond*, Captain *Howel* Commander. We were about 50 or 60 Passengers in all; some ordered to be left at *Indrapore*, and some at *Bencouly*: 5 or 6 of us were Officers; the rest Soldiers to the Company. We met nothing in our Voyage that deserves notice, till we came abreast of *Indrapore*: and then the Wind came at N. W. and blew so hard that we could not get in, but were forced to bear away to *Bencouli*, another *English* Factory on the same Coast; lying 50 or 60 leagues to the Southward of *Indrapore*.

Upon our arrival at *Bencouli* we saluted the Fort, and were welcomed by them. The same day we came to an anchor; and Captain *Howel*, and Mr. *Moody*, with the other Merchants went ashore, and were all kindly received by the Governour of the Fort. It was 2 days after before I went ashore; and then I was importuned by the Governour to stay there, to be Gunner of this Fort; because the Gunner was lately dead: and this being a place of greater import than *Indrapore*, I should do the Company more service here than there. I told the Governour if he would augment my Sallery, which by agreement with the Governor of

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Fort St. George I was to have had at *Indrapore*, I was willing to serve him; provided Mr. *Moody* would consent to it. As to my Sallery, he told me, I should have 24 Dollers *per* month, which was as much as he gave to the old Gunner.

Mr. *Moody* gave no answer till a Week alter, and then, being ready to be gone to *Indrapore*, he told me I might use my own liberty, either to stay here, or go with him to *Indrapore*. He added, that if I went with him, he was not certain, as yet, to perform his Promise, in getting a Vessel for me to go to *Meangis*, with *Jeoly* and his Mother: but he would be so fair to me, that because I left *Maderas* on his account, he would give me the half share of the 2 Painted People, and leave them in my Possession, and at my Disposal. I accepted of the Offer, and Writings were immediately drawn between us.

Thus it was that I came to have this Painted Prince, whose Name was *Jeoly*, and his Mother. They were born on a small Island called *Meangis*, which is once or twice mentioned in Chap. XIII. I saw the Island twice, and 2 more close by it: each of the 3 seemed to be about 4 or 5 leagues round; and of a good height. *Jeoly* himself told me, that they all three abounded with Gold, Cloves, and Nutmegs: for I shewed him some of each sort several times, and he told me in the *Malayan* Language, which he spake indifferent well, *Meangis Hadda Madochala se Bullawan*: that is, there is abundance of Gold at *Meangis*. *Bullawan*, I have observed to be the common word for Gold at *Mindanao*; but whether the proper *Malayan* word I know not, for I found much difference between the *Malayan* Language as it was spoken at *Mindanao*, and the Language on the Coast of *Malacca*, and *Achin*. When I shewed him Spice, he would not only tell me that there was

Mado-

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An. 1690

Madochala, that is, abundance; but to make it appear more plain, he would also shew me the hair of his Head, a thing frequent among all the *Indians* that I have met with, to shew their Hair, when they would express more than they can number. He told me also, that his Father was *Raja* of the Island where they lived; that there were not above 30 men on the Island, and about one hundred Women: that he himself had five Wives and eight Children, and that one of his Wives painted him.

He was painted all down his Breast, between his Shoulders behind; on his Thighs (mostly) before; and in the form of several broad Rings, or Bracelets, round his Arms and Legs. I cannot liken the Drawings to any Figure of Animals, or the like; but they were very curious, full of great variety of Lines, Flourishes, Chequered Work, &c. keeping a very graceful proportion, and appearing very artificial; even to a wonder, especially that upon and between his Shoulder-blades. By the account he gave me of the manner of doing it, I understood that the Painting was done in the same manner, as the *Jerusalem Cross* is made in Mens Arms, by pricking the skin, and rubbing in a pigment. But whereas Powder is used in making the *Jerusalem-Cross*, they at *Meangis* use the gum of a Tree beaten to powder, called by *English* Drammer, which is used instead of Pitch in many parts of *India*. He told me, that most of the Men and Women on the Island were thus painted: and also that they had all Ear-rings made of Gold, and Gold Shackles about their Legs and Arms: that their common Food, of the produce of the Land, was Potatoes and Yames: that they had plenty of Cocks and Hens; but no other tame Fowl. He said that Fish (of which he was a great Lover, as wild *Indians* generally are) was very plentiful about

An. 1690

about the Island ; and that they had Canoas, and went a fishing frequently in them; and that they often visited the other two small Islands, whose Inhabitants speak the same Language as they did; which was so unlike the *Malayan*, which he had learnt while he was a Slave at *Mindanao*, that when his Mother and he were talking together in their *Meangian* Tongue, I could not understand one word they said. And indeed all the *Indians* who spake *Malayan*, who are the Trading and politer sort, lookt on these *Meangians* as a kind of *Barbarians*: and upon any occasion of dislike, would call them *Bobby*, that is, Hogs; the greatest expression of contempt that can be; especially from the mouth of *Malayans*, who are generally *Mahometans*: and yet the *Malayans* every where call a Woman *Babbi*, by a name not much different: and *Mamma* signifies a Man. Tho' these two last words properly denote Male and Female: and as *Eyam* signifies a Fowl, so *Eyam Mamma* is a Cock, and *Eyam Babbi* is a Hen. But this by the way.

He said also, that the Customs of those other Isles, and their manner of living, was like theirs, and that they were the only people with whom they had any converse: And that one time, as he with his Father, Mother, and Brother, with 2 or 3 men more, were going to one of these other Islands, they were driven by a strong wind on the Coast of *Mindanao*, where they were taken by the Fishermen of that Island, and carried ashore, and sold as Slaves; they being first stript of their Gold Ornaments. I did not see any of the Gold that they wore, but there were great holes in their Ears, by which it was manifest that they had worn some ornaments in them: *Jeoly* was sold to one *Michael* a *Mindanayan*, that spoke good *Spanish*, and commonly waited on *Raja Laut*, serving him as our Interpreter, where the *Raja* was at a loss in any

An. 1690 word, for *Michael* understood it better. He did often beat and abuse his painted Servant, to make him work, but all in vain; for neither fair means, threats nor blows, would make him work, as he would have him. Yet he was very timorous, and could not endure to see any sort of Weapons; and he often told me that they had no Arms at *Meangis*, they having no Enemies to fight with.

I knew this *Michael* very well, while we were at *Mindanao*: I suppose that name was given him by the *Spaniards*, who baptized many of them at the time when they had footing at that Island: But at the departure of the *Spaniard*: they were *Mabometans* again as before. Some of our people lay at this *Michael's* house, whose Wife and Daughter were *Pagallies* to some of them. I often saw *Jeoly* at his Masters *Michael's* house, and when I came to have him so long after, he remembered me again. I did never see his Father nor Brother nor any of the others that were taken with them; but *Jeoly* came several times aboard our Ship when we lay at *Mindanao*, and gladly accepted of such victuals as we gave him; for his Master kept him at very short commons.

Prince *Jeoly* lived thus a Slave at *Mindanao* 4 or 5 years, till at last Mr. *Moody* bought him and his Mother for 60 Dollars, and as is before related, carried him to *Fort St. George*, and from thence along with me, to *Bencouli*. Mr. *Moody* stayed at *Bencouli* about three weeks, and then went back with Captain *Howel*, to *Indrapore*, leaving *Jeoly* and his Mother with me. They lived in a house by themselves without the Fort. I had no employment for them; but they both employed themselves. She used to make and mend their own Cloaths, at which she was not very expert, for they wear no Cloaths at *Meangis*, but only a Cloath about their wastes; and he busied himself in making

making a Chest, with 4 boards, and a few nails *Am. 169^o* that he begg'd of me. It was but an ill shaped odd-thing, yet he was as proud of it, as if it had been the rarest piece in the World. After some time they were both taken sick, and though I took as much care of them, as if they had been my Brother and Sister, yet she died. I did what I could to comfort *Jeoly*; but he took on extremly, inso-much that I feared him also. Therefore I caused a Grave to be made presently, to hide her out of his sight. I had her shrouded decently in a piece of new Callico; but *Jeoly* was not so satisfied, for he wrapped all her Cloaths about her, and two new pieces of Chints that Mr. *Mood* gave her, saying that they were his Mothers, and she must have them. I would not disoblige him, for fear of endangering his life; and I used all possible means to recover his health: but I found little amendment while we stay'd here.

In the little printed relation that was made of him when he was shewn for a sight in *England*, there was a Romant'ck story of a beautiful Sister of his, a Slave with them at *Mindanao*; and of the Sultans falling in love with her; but these were stories indeed. They reported also that his Paint was of such Virtue, that Serpents and Venemous Creatures would flee from him; for which reason, I suppose, they represented so many Serpents scampering about in the printed Picture that was made of him. But I never knew any Paint of such virtue: and as for *Jeoly*, I have seen him as much afraid of Snakes, Scorpions, or Centapees, as my self.

Having given this account of the Ship that left me at *Nicobar*, and of my painted Prince whom I brought with me to *Bencooli*, I shall now proceed on with the relation of my Voyage thence to *England*, after I have given this short account

An. 1690 of the occasion of it, and the manner of my getting away.

To say nothing therefore now of that place, and my employment there as Gunner of the Fort, the year 1690 drew towards an end, and not finding the Governour keep to his agreement with me; nor seeing by his carriage towards others any great reason I had to expect he would, I began to wish my self away again. I saw so much ignorance in him, with respect to his charge, being much fitter to be a Book-keeper than Governour of a Fort; and yet so much insolence and cruelty with respect to those under him, and rashness in his management of the *Malayan* Neighbourhood, that I soon grew weary of him, not thinking my self very safe, indeed, under a man whose humours were so brutish and barbarous. I forbear to mention his name after such a character; nor do I care to fill these papers with particular stories of him: But I therefore give this intimation, because as it is the interest of the Nation in general, so is it especially of the Honourable *East India* Company, to be informed of abuses in their Factories. And I think the Company might receive great advantage by strictly enquiring into the behaviour of those whom they intrust with any command. For beside the odium, which reflects back upon the Superiours from the mis-doings of their Servants, how undeservedly soever; there are great and lasting mischiefs proceed from the Tyranny or ignorant rashness of some petty Governours. Those under them are discouraged from their service by it, and often go away to the *Dutch*, the *Mogul*, or the *Malayan* Princes, to the great detriment of our Trade, and even the Trade and the Forts themselves are many times in danger by indiscreet provocations given to the Neighbouring Nations, who are best managed, as all Mankind are, by justice;

lice, and fair dealings ; nor are any more implacably revengeful than those *Malayans* who live in the Neighbourhood of *Bencouli*, which Fort hath been more than once in danger of being surpriz'd by them. I speak not this out of disgust to this particular Governour ; much less would I seem to reflect on any others, of whom I know nothing amiss : But as it is not to be wondered at, if some should not know how to demean them in places of power, for which neither their Education nor their Business possibly, have sufficiently qualified them ; so it will be the more necessary for the Honourable Company to have the closer eye over them, and as much as may be, to prevent or reform any abuses they may be guilty of ; and 'tis purely out of my zeal for theirs and the Nations interest, that I have given this caution, having seen too much occasion for it.

I had other motives also for my going away. I began to long after my Native Country, after so tedious a ramble from it : and I propos'd no small advantage to my self from my painted Prince, whom Mr. *Moody* had left entirely to my disposal, only reserving to himself his right to one half share in him. For beside what might be gain'd by shewing him in *England*, I was in hopes that when I had got some money, I might there obtain what I had in vain sought for in the *Indies*, viz. A Ship from the Merchants, wherewith to carry him back to *Meangis*, and re-estate him there in his own Country, and by his favour and negotiation to establish a traffick for the Spice, and other products of those Islands

Upon these projects, I went to the Governour and Council, and desired that I might have my discharge to go for *England*, with the next Ship that came. The Council thought it reasonable, and they consented to it ; he also gave me his word

An. 1691 that I should go. Upon the 2d of *Jan. 1691* there came to an anchor in *Bencauli Road*, the *Defence*. Captain *Heath* Commander, bound for *England*, in the service of the Company. They had been at *Indrapore*, where Mr. *Moody* then was; and he had made over his share in *Prince Feoly*, to Mr. *Goddard* chief Mate of the Ship. Upon his coming on shore, he shewed me Mr. *Moody's* writings, and lookt upon *Feoly*, who had been sick for 3 months: in all which time I tended him as carefully, as if he had been my Brother. I agreed matters with Mr. *Goddard*, and sent *Feoly* on board, intending to follow him as I could, and desiring Mr. *Goddard's* assistance to fetch me off, and conceal me aboard the Ship if there should be occasion; which he promised to do, and the Captain promised to entertain me. For it proved as I had foreseen, that upon Captain *Heath's* arrival, the Governor repented him of his Promise, and would not suffer me to depart. I importun'd him all I could; but in vain: so did Captain *Heath* also, but to no purpose. In short, after several Essays, I slipt away at midnight (understanding the Ship was to sail away the next morning, and that they had taken leave of the Fort) and creeping through one of the Port-holes of the Fort, I got to the shore, where the Ships Boat waited for me, and carried me on board. I brought with me my Journal, and most of my written Papers: but some Papers and Books of value I left in haste, and all my Furniture; being glad I was my self at liberty, and had hopes of seeing *England* again.

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CHAP. XIX.

The Author's departure from Bencouli, on board the Defence, under Captain Heath. Of a fight between some French Men of War from Ponticheri, and some Dutch Ships from Pallacat, joined with some English, in sight of Fort St. George. Of the bad Water taken in at Bencouli; and the strange sickness and death of the Seamen, supposed to be occasioned thereby. A Spring at Bencouli recommended. The great exigences on board: a Consult held, and a Proposal made to go to Johanna. A Resolution taken to prosecute their Voyage to the Cape of Good Hope. The Wind favours them. The Captains Conduct They arrive at the Cape, and are helped into Harbour by the Dutch. A description of the Cape, its Prospect, Soundings, Table Mount, Harbour, Soil, &c. large Pomegranates and good Wines. The Land-Animals. A very beautiful kind of Onager, or Wild Ass, striped regularly black and white. Ostrages. Fish. Seals. The Dutch Fort and Factory Their fine Garden. The Traffick here.

Being thus got on board the *Defence*, I was con-
cealed there, till a Boat which came from the
Fort laden with Pepper was gone off again. And
then we set sail for the *Cape of Good Hope*, Jan. 25,
1691. and made the best of our way, as wind
and weather would permit; expecting there to

An. 1691 meet 3 *English* Ships more, bound home from the *Indies*: for the War with the *French* having been proclaimed at *Fort St. George*, a little before Captain *Heath* came from thence, he was willing to have company home, if he could.

A little before this War was proclaimed, there was an Engagement in the Road of *Fort St. George* between some *French* Men of War, and some *Dutch* and *English* Ships at anchor in the Road: which, because there is such a plausible story made of it in Monsieur *Duquesne's* late Voyage to the *East Indies*, I shall give a short account of, as I had it particularly related to me by the Gunners Mate of Capt. *Heath's* Ship, a very sensible Man, and several others of his Men, who were in the Action. The *Dutch* have a Fort on the Coast of *Coromandel*, called *Pallacat*, about 20 leagues to the Northward of *Fort St. George*. Upon some occasion or other the *Dutch* sent some Ships thither to fetch away their effects, and transport them to *Batavia*. Acts of Hostility were already begun between the *French* and *Dutch*; and the *French* had at this time a Squadron newly arrived in *India*, and lying at *Ponticheri*, a *French* Fort on the same Coast, Southward of *Fort St. George*. The *Dutch* in returning to *Batavia*, were obliged to coast it along by *Fort St. George* and *Ponticheri*, for the sake of the Wind: but when they came near this last, they saw the *French* Men of War lying at anchor there; and should they have proceeded along the shore, or stood out to Sea, expected to be pursued by them. They therefore turn'd back again; for though their Ships were of a pretty good force, yet were they unfit for Fight, as having great Loads of Goods, and many Passengers, Women and Children, on board: so they put in at *Fort St. George*, and desiring the Governours Protection, had leave to anchor in the Road, and to send their Goods and useles People ashore.

ashore. There were then in the Road a few small *English* Ships: and Captain *Heath*, whose Ship was a very stout Merchant-man, and which the *French* Relater calls the *English* Admiral, was just come from *China*; but very deep laden with Goods, and the Deck full of Cannisters of Sugar, which he was preparing to send ashore. But before he could do it, the *French* appeared; coming into the Road with their lower Sails and Top-sails, and had with them a Fireship. With this they thought to have burnt the *Dutch* Commadore, and might probably enough have done it as she lay at anchor, if they had had the courage to have come boldly on; but they fired their Ship at a distance, and the *Dutch* sent and towed her away, where she spent her self without any execution. Had the *French* Men of War also come boldly up, and grappled with their Enemies, they might have done something considerable, for the Fort could not have played on them, without damaging our Ships as well as theirs. But instead of this, the *French* dropt anchor out of reach of the shot of the Fort, and there lay exchanging shot with their Enemies Ships with so little advantage to themselves, that after about 4 hours fighting, they cut their Cables, and went away in haste and disorder, with all their Sails loose, even their Top-gallant sails, which is not usual, but when Ships are just next to running away.

Captain *Heath*, notwithstanding his Ship was so heavy and incumbered, behaved himself very bravely in the fight; and upon the going off of the *French* went aboard the *Dutch* Commadore, and told him, that if he would pursue them, he would stand out with them to Sea, though he had very little Water aboard; but the *Dutch* Commander excused himself, saying he had orders to defend himself from the *French*, but none to chase them,

or

An. 1691 or go out of his way to seek them. And this was the exploit which the *French* have thought fit to brag of. I hear that the *Dutch* have taken from them since, their Fort of *Ponticheri*.

But to proceed with our Voyage: We had not been at Sea long, before our men began to droop, in a sort of a distemper that stole insensibly on them, and proved fatal to above 30, who died before we arrived at the Cape. We had sometimes two and once three men thrown over board in a morning. This distemper might probably arise from the badness of the Water, which we took in at *Bencouli*: for I did observe while I was there, that the River-water, wherewith our Ships were watered, was very unwholesom, it being mixt with the Water of many small Creeks, that proceeded from low Land, and whose streams were always very black, they being nourished by the Water that drained out of the low swampy unwholesom ground.

I have observed not only there, but in other hot Countries also both in the *East* and *West Indies*, that the Land-floods which pour into the Channels of the Rivers, about the season of the Rains, are very unwholesom. For when I lived in the Bay of *Campeachy*, the Fish were found dead in heaps on the shores of the Rivers, and Creeks, at such a season; and many we took up half dead: of which sudden mortality, there appeared no cause but only the malignity of the Waters draining off the Land. This happens chiefly, as I take it, where the water drains through thick Woods, and Savannahs of long Grass, and swampy Grounds, with which some hot Countries abound: and I believe it receives a strong Tincture from the Roots of several kind of Trees, Herbs, &c. and especially where there is any stagnancy of the Water, it soon corrupts; and possibly the Serpents and other poison-

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ous Vermin and Insects may not a little contribute to its bad qualities: at such times it will look very deep coloured, yellow, red, or black, &c. The season of the Rains was over, and the Land floods were abating, upon the taking up this Water in the River of *Bencouli*: but would the Seamen have given themselves the trouble, they might have fill'd their Vessels with excellent good Water, at a Spring on the back side of the Fort, not above 2 or 300 paces from the Landing place; and with which the Fort it serv'd. And I mention this as a caution to any Ships that shall go to *Bencouli* for the future; and withal I think it worth the care of the Owners or Governours of the Factory, and that it would tend much to the preservation of their Seamens lives, to lay Pipes to convey the Fountain Water to the shore, which might easily be done, with a small charge: and had I staid longer there I would have undertaken it. I had a design also of bringing it into the Fort, though much higher: for it would be a great convenience and security to it, in case of a Siege.

Beside the badness of our Water, it was stowed among the Pepper in the Hold, which made it very hot. Every morning when we came to take our allowance, it was so hot, that a man could hardly suffer his hands in it, or hold a bottle full of it in his hand. I never any where felt the like, nor could have thought it possible that Water should heat to that degree in a Ships Hold. It was exceeding black too, and looked more like Ink than Water. Whether it grew so black with standing, or was tinged with the Pepper, I know not, for this Water was not so black when it was first taken up. Our food also was very bad; for the Ship had been out of *England* upon this Voyage above three years; and the salt Provision brought from thence, and which we fed on, having been so long in

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in salt, was but ordinary food for sickly men to live on.

Captain *Heath*, when he saw the misery of his Company, ordered his own Tamarinds, of which he had some Jars aboard, to be given some to each mess, to eat with their Rice. This was a great refreshment to the men, and I do believe it contributed much to keep us on our legs

This distemper was so universal, that I do believe there was scarce a man in the Ship, but languished under it; yet it stole so insensibly on us, that we could not say we were sick, feeling little or no pain, only a weakness, and but little stomach. Nay most of those that died in this Voyage, would hardly be perswaded to keep their Cabbins, or Hammacks, till they could not stir about; and when they were forced to lye down, they made their Wills, and piked off in 2 or 3 days.

The loss of these men, and the weak languishing condition that the rest of us were in, rendered us incapable to govern our Ship, when the wind blew more than ordinary. This often happened when we drew near the Cape, and as oft put us to our trumps to manage the Ship. Captain *Heath*, to encourage his men to their labour, kept his watch as constantly as any man, tho sickly himself, and lent an helping hand on all occasions. But at last, almost despairing of gaining his passage to the Cape, by reason of the Winds coming Southerly, and we having now been failing 8 or 9 weeks, he called all our men to consult about our safety, and desired every man, from the highest to the lowest, freely to give his real opinion and advice, what to do in this dangerous juncture; for we were not in a condition to keep out long; and could we not get to Land quickly, must have perished at Sea. He consulted therefore whether it were best to beat still for the Cape, or bear away

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for *Johanna*, where we might expect relief, that being a place where our outward bound *East India* Ships usually touch, and whose Natives are very familiar; but other places, especially *St. Lawrence*, or *Madagascar*, which was nearer, was unknown to us. We were now so nigh the Cape that with a fair Wind we might expect to be there in 4 or 5 days; but as the Wind was now, we could not hope to get thither. On the other side, this Wind was fair to carry us to *Johanna*: but then *Johanna* was a great way off; and if the Wind should continue as it was, to bring us into a true Trade wind, yet we could not get thither under a fortnight; and if we should meet calms, as we might probably expect, it might be much longer. Besides, we should lose our passage about the Cape till *October* or *November*, this being about the latter end of *March*, for after the 10th of *May* 'tis not usual to beat about the Cape, to come home. All circumstances therefore being weighed and considered, we at last unanimously agreed, to prosecute our Voyage towards the Cape, and with patience wait for a shift of Wind.

But Captain *Heath*, having thus far founded the inclination of his weak men, told them, that it was not enough that they all consented to beat for the Cape, for our desires were not sufficient to bring us thither; but that there would need a more than ordinary labour and management, from those that were able: And withal, for their encouragement, he promised a months pay *Gratis*, to every man that would engage to assist on all occasions, and be ready upon call, whether it were his turn to watch, or not; and this money he promised to pay at the Cape. This offer was first embraced by some of the Officers, and then as many of the men as found themselves in a capacity, listed themselves in a Roll, to serve their Commander.

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This was wisely contrived of the Captain, for he could not have compell'd them in their weak condition, neither would fair words alone, without some hopes of a reward, have engag'd them to so much extraordinary work; for the Ship, Sail, and Rigging were much out of repair. For my part, I was too weak to enter my self in that list, for else our common safety, which I plainly saw lay at stake, would have prompted me to do more than any such reward would do. In a short time after this, it pleased God to favour us with a fine Wind, which being improved to the best advantage by the incessant labour of these new listed men, brought us in a short time to the Cape.

The night before we entered the Harbour, which was about the beginning of *April*, being near the Land, we fired a Gun every hour, to give notice that we were in distress. The next day, a *Dutch* Captain came aboard in his Boat, who seeing us so weak as not to be able to trim our Sails to turn into the Harbour, though we did tollerably well at Sea, before the Wind, and being requested by our Captain to assist him, sent ashore for a hundred lusty men, who immediately came aboard, and brought our Ship in to an anchor. They also unbent our Sails, and did every thing for us that they were required to do, for which Captain *Heath* gratified them to the full.

These men had better stomachs than we, and eat freely of such food as the Ship afforded: and they having the freedom of our Ship, to go to and fro between Decks, made prize of what they could lay their hands on, especially salt Beef, which our men, for want of stomachs in the Voyage, had hung up, 6, 8, or 10 pieces in a place. This was conveyed away before we knew it, or thought of it: besides, in the night, there was a Bale of Muzlins broke open, and a great deal conveyed away; but

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but whether the Mullins were stoln by our own *An. 1691* men, or the *Dutch*, I cannot say; for we had some very dexterous Thieves in our Ship.

Being thus got safe to an anchor, the sick were presently sent ashore, to quarters provided for them, and those that were able remained aboard, and had good fat Mutton, or fresh Beef, sent aboard every day: I went ashore also with my painted Prince, where I remained with him till the time of sailing again, which was about 6 weeks. In which time I took the opportunity to inform my self of what I could concerning this Country, which I shall in this next place give you a brief account of, and so make what haste I can home.

The Cape of *Good Hope* is the utmost bounds of the continent of *Africa* towards the South, lying in 34 d. 30 m S. lat. in a very temperate Climate. I look upon this latitude to be one of the mildest and sweetest for its temperature, of any whatsoever; and I cannot here but take notice of a common prejudice our *European* Seamen have as to this Country, that they look upon it as much colder than places in the same lat. to the North of the Line. I am not of their opinion as to that: and their thinking so I believe may easily be accounted for from hence, that whatever way they come to the Cape, whether going to the *East Indies* or returning back, they pass thro a hot Climate: and coming to it thus out of an extremity of heat, 'tis no wonder if it appear the colder to them. Some impute the coldness of the South Wind here, to its blowing off from Sea. On the contrary, I have always observ'd the Sea Winds to be warmer than Land Winds; unless it be when a bloom, as we call it, or hot blast blow from thence. Such an one we felt in this very Voyage, as we went from *Cape Verd* Islands, towards the *South Seas*; which I forgot to mention in its proper place, Chap. 4th.

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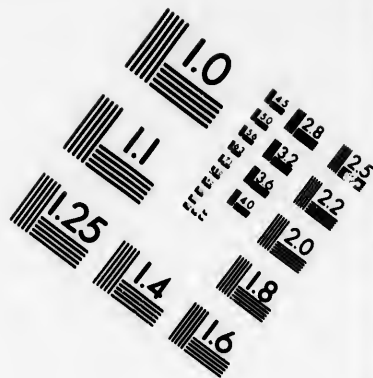
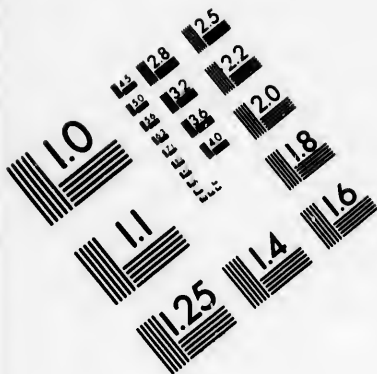
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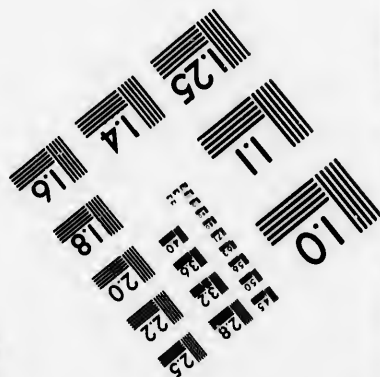
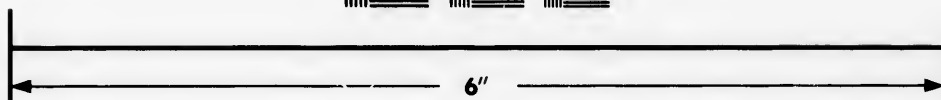
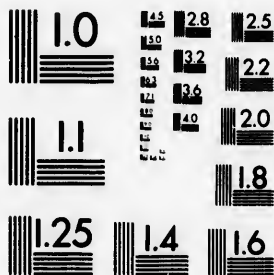
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An. 1691 For one afternoon about the 19th of *Jan.* 1683 in the lat. of 37 South, we felt a brisk gale coming from off the Coast of *America*, but so violently hot, that we thought it came from some burning Mountain on the shore, and was like the heat from the mouth of an Oven. Just such another gleam I felt one afternoon also, as I lay at anchor at the *Groin* in *July* 1694. it came with a Southerly Wind: both these were followed by a Thunder-shower. These were the only great blooms I ever met with in my Travels. But setting these aside, which are exceptions, I have made it my general observation, that the Sea Winds are a great deal warmer than those which blow from Land: unless where the Wind blows from the Poles, which I take to be the true cause of the coldness of the South Wind at the Cape; for it is cold at Sea also. And as for the coldness of Land-Winds, as the South-West parts of *Europe* are very sensible of it from the Northern and Eastern Winds; so on the opposite Coast of *Virginia*, they are as much pinch'd with the North-West Winds, blowing excessively cold from over the Continent: though its lat. be not much greater than this of the Cape.

But to proceed: This large Promontory consists of high, and very remarkable Land: and off at Sea it affords a very pleasant and agreeable prospect. And without doubt the prospect of it was very agreeable to those *Portuguese*, who first found out this way by Sea to the *East-Indies*: when after coasting along the vast Continent of *Africk*, towards the *South Pole*, they had the comfort of seeing the Land and their course end in this promontory: which therefore they called the *Cape de Bon Esperance*, or of *Good Hope*, finding that they might now proceed Eastward.


There is good Sounding off this Cape 50 or 60 leagues at Sea, to the Southward: and therefore

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Signs of coming near the Cape of Good Hope. 531

our *English* Seamen standing over as they usually do, from the Coast of *Brazil*, content themselves with their Soundings, concluding thereby that they are abreast of the Cape, they often pass by without seeing it, and begin to shape their course Northward. They have several other signs whereby to know when they are near it, as by the Sea-Fowl they meet at Sea, especially the *Alcatrosses*, a very large long-winged Bird, and the *Mangolucres* a smaller Fowl. But the greatest dependance of our *English* Seamen now is upon their observing the variation of the Compass, which is very carefully minded when they come near the Cape, by taking the Suns Amplitude mornings and evening. This they are so exact in, that by the help of the *Azimuth Compass*, an Instrument more peculiar to the Seamen of our Nations, they know when they are abreast of the Cape, or are either to the East or the West of it: and for that reason, though they should be to Southward of all the Soundings, or fathomable ground, they can shape their course right, without being obliged to make the Land. But the *Dutch*, on the contrary, having settled themselves on this Promontory, do always touch here in their *East India* Voyages, both going and coming.

The most remarkable Land at Sea is a high Mountain, steep to the Sea, with a flat even top, which is called the *Table Land*. On the West side of the Cape, a little to the Northward of it, there is a spacious Harbour, with a low flat Island lying off it; which you may leave on either hand, and pass in or out securely at either end: Ships that anchor here, ride near the Main Land, leaving the Island at a farther distance without them. The Land by the Sea against the Harbour, is low; but backt with high Mountains a little way in, to the Southward of it.

An. 1691  The Soil of this Country is of a brown colour ; not deep, yet indifferently productive of Grass, Herbs, and Trees. The Grass is short, like that which grows on our *Wiltshire* or *Dorsetshire* Downs. The Trees hereabouts are but small and few ; the Country also farther from the Sea, does not much abound in Trees, as I have been informed. The Mould or Soyl also is much like this near the Harbour, which though it cannot be said to be very fat, or rich Land, yet it is very fit for cultivation, and yields good Crops to the industrious Husbandman, and the Country is pretty well settled with Farms, *Dutch* Families, and *French* Refugees, for 20 or 30 leagues up the Country ; but there are but few Farms near the Harbour.

Here grows plenty of Wheat, Barly, Pease, &c. Here are also Fruits of many kinds, as Apples, Pears, Quinces, and the largest Pomgranats that I did ever see.

The chief Fruits are Grapes. These thrive very well, and the Country is of late years, so well stockt with Vineyards, that they make abundance of Wine, of which they have enough and to spare ; and do sell great quantities to Ships that touch here. This Wine is like a *French* High Country White Wine, but of a pale yellowish colour ; it is sweet, very pleasant and strong.

The tame Animals of this Country are Sheep, Goats, Hogs, Cows, Horses, &c. The Sheep are very large and fat, for they thrive very well here : This being a dry Country, and the short pasturage very agreeable to these Creatures, but it is not so proper for great Cattle ; neither is the Beef in its kind so sweet as the Mutton. Of wild Beasts, 'tis said, here are several sorts, but I saw none. However, it is very likely there are some wild Beasts, that prey on the Sheep, because they are commonly brought into the Houses in the night and penn'd up. There

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There is a very beautiful sort of wild As in this Country, whose body is curiously striped with equal lists of white and black: the stripes coming from the ridge of his Back, and ending under the Belly, which is white. These stripes are two or three Fingers broad, running parallel with each other, and curiously intermixt, one white and one black, over from the Shoulder to the Rump. I saw two of the Skins of these Beasts, dried and preserved to be sent to *Holland*, as a rarity. They seemed big enough to inclose the Body of a Beast, as big as a large Colt of a twelvemonth old.

Here are a great many Ducks, Dunghil Fowls, &c. and Ostriges are plentifully found in the dry Mountains and Plains. I eat of their Eggs here, and those of whom I bought them told me that these creatures lay their Eggs in the Sand, or at least on dry ground, and so leave them to be hatch'd by the Sun. The meat of one of their Eggs will suffice two men very well. The Inhabitants do preserve the Eggs that they find to sell to strangers. They were pretty scarce when I was here, it being the beginning of their Winter; whereas I was told they lay their Eggs about *Christmas*, which is their Summer.

The Sea hereabouts affords plenty of Fish of divers sorts; especially a small sort of Fish, not so big as a Herring; whereof they have such great plenty, that they pickle great quantities yearly, and send them to *Europe*. Seales are also in great numbers about the Cape; which, as I have still observed, is a good sign of the plentifulness of Fish, which is their food.

The *Dutch* have a strong Fort by the Sea side, against the Harbour, where the Governour lives. At about 2 or 300 paces distance from thence, on the West side of the Fort, there is a small *Dutch* Town, in which I told about 50 or 60 Houses;

An. 1691 low, but well built, with Stone-walls; there being plenty of Stone, drawn out of a Quarry close by.

On the backside of the Town, as you go towards the Mountains, the *Dutch East-India* Company have a large Houſe, and a ſtately Garden, walled in with a high Stone Wall.

This Garden is full of divers ſorts of Herbs, Flowers, Roots, and Fruits, with curious ſpacious Gravel-walks and Arbors; and is watered with a Brook that deſcends out of the Mountains: which being cut into many channels, is conveyed into all parts of the Garden. The Hedges which make the Walks are very thick, and 9 or 10 foot high: They are kept exceeding neat and even by continual pruning. There are lower Hedges within theſe again, which ſerve to ſeparate the Fruit-trees from each other, but without ſhading them: and they keep each ſort of Fruit by themſelves, as Apples, Pears, abundance of Quinces, Pomgranats, &c. Theſe all proſper very well, and bear good Fruit, eſpecially the Pomgranat. The Roots and Garden-herbs have alſo their diſtinct places, hedged in apart by themſelves; and all in ſuch order, that it is exceeding pleaſant and beautiful. There are a great number of Negro Slaves brought from other parts of the World; ſome of which are continually weeding, pruning, trimming, and looking after it. All Strangers are allowed the liberty to walk there; and by the Servants leave, you may be admitted to taſte of the Fruit: but if you think to do it clandestinely, you may be miſtaken, as I knew one was when I was in the Garden, who took 5 or 6 Pomgranats, and was eſpy'd by one of the Slaves, and threatened to be carry'd before the Governour: I believe it coſt him ſome Money to make his peace, for I heard no more of it. Further up from the Sea,
beyond

beyond the Garden, towards the Mountains, there are several other small Gardens, and Vineyards, belonging to private men: but the Mountains are so high, that the number of them are but small.

* The *Dutch* that live in the Town get considerably by the Ships that frequently touch here chiefly, by entertaining Strangers that come ashore to refresh themselves: for you must give 2*s.* or a Dollar a day for you entertainment; the Bread and Flesh is as cheap here as in *England*: Besides they buy good penny worths of the Seamen, both outward and homeward bound, which the Farmers up the Country buy of them again at a dear rate; for they have not the opportunity of buying things at the best hand, but must buy of those that live at the Harbour: the nearest Settlements, as I was informed being 20 miles off.

Notwithstanding the great plenty of Corn and Wine, yet the extraordinary high Taxes which the Company lays on Liquor, makes it very dear: and you can buy none but at the Tavern, except it be by stealth. There are but 3 Houses in the Town that sell strong Liquor, one of which is this Wine-House or Tavern; there they sell only Wine: another sells Beer and Mum; and the third sells Brandy and Tobacco, all extraordinary dear. A Flask of Wine which holds 3 quarts will cost 18 Stivers, for so much I paid for it; yet I bought as much for 8 Stivers in another place, but it was privately, at an unlicensed House; and the person that sold it, would have been ruined had it been known; and thus much for the Country, and the *European* Inhabitants.

C H A P XX.

Of the Natural Inhabitants of the Cape of Good Hope, the Hodmadods or Hottantots. Their Personage, Garb, besmearing themselves; their Cloathing, Houses, Food, way of Living, and Dancing at the Full of the Moon: Compared in those respects with other Negroes and Wild Indians. Captain Heath refreshes his Men at the Cape, and getting some more hands, departs in company with the James and Mary, and the Josiah. A great swelling Sea from the S.W. They arrive at Santa Hellena, and there meet with the Princess Ann, homeward bound. The Air, Situation, and Soil of that Island. Its first discovery and change of Masters since. How the English got it. Its Strength, Town, Inhabitants, and the product of their Plantations. The Santa Hellena Manatee no other than the Sea Lyon. Of the English Women at this Isle. The English Ships refresh their Men here; and depart all together. Of the different Courses from hence to England. Their Course, and arrival in the English Channel and the Downs.

THe Natural Inhabitants of the Cape are the *Hodmadods*, as they are commonly called, which is a corruption of the Word *Hottantot*; for this is the Name by which they call to one another, either in their Dances, or on any occasion,

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as if every one of them had this for his Name. *An. 1691*
 The word probably hath some signification or
 other in their Language, whatever it is.

These *Hottantots* are people of a middle stature,
 with small Limbs and thin Bodies, full of activity.
 Their Faces are of a flat oval Figure, of the *Negro*
 make, with great Eye-brows, black Eyes, but neither
 are their Noses so flat, nor their Lips so thick,
 as the *Negroes* of *Guinea*. Their Complexion is
 darker than the common *Indians*; tho' not so black
 as the *Negroes* or *New Hollanders*; neither is their
 Hair so much frizled.

They besinear themselves all over with Grease,
 as well to keep their Joints supple, as to fence
 their half naked Bodies from the Air, by stopping
 up their Pores. To do this the more effectually,
 they rub Soot over the greased parts, especially
 their Faces, which adds to their natural Beauty,
 as Painting does in *Europe*; but withal sends from
 them a strong smell, which though sufficiently
 pleasing to themselves, is very unpleasant to others.
 They are glad of the worst of Kitchin-stuff for
 this purpose, and use it as often as they can get
 it.

This custom of anointing the Body is very
 common in other parts of *Africa*, especially on
 the Coast of *Guinea*, where they generally use
 Palm-oyl, anointing themselves from Head to
 Foot; but when they want Oyl, they make use
 of Kitchin-stuff, which they buy of the *Europeans*,
 that Trade with them. In the *East Indies* also,
 especially on the Coast of *Cudda* and *Malacca*, and
 in general, on almost all the Easterly Islands, as
 well on *Sumatra*, *Java*, &c. as on the *Philippine*
 and *Spice Islands*, the *Indian* Inhabitants anoint
 themselves with Coco-nut Oyl, two or three
 times a day, especially mornings and evenings.
 They spend sometimes half an hour in chafing

An. 1691 the Oyl, and rubbing it into their Hair and Skin, leaving no place unsmear'd with Oyl, but their Face, which they daub not like these *Hottantots*. The *Americans* also in some places do use this custom, but not so frequently, perhaps for want of Oyl and Grease to do it. Yet some *American Indians* in the North Seas, frequently daub themselves with a Pigment made with Leaves, Roots, or Herbs, or with a sort of red Earth, giving their Skins a yellow, red, or green colour, according as the Pigment is. And these smell unfavourily enough to people not accustomed to them; tho' not so rank as those who use Oyl or Grease.

The *Hottantots* do wear no covering on their Heads, but deck their Hair with small Shells. Their Garments are Sheep-skins wrapt about their Shoulders like a Mantle, with the woolly sides next their Bodies. The men have besides this Mantle, a pieces of Skin like a small Apron, hanging before them. The Women have another Skin tucked about their Wastes, which comes down to their Knees like a Petticoat; and their Legs are wrapt round with Sheep-guts, two or three inches thick, some up as high as to their Calves, others even from their Feet to their Knees, which at a small distance seems to be a sort of Boots. These are put on when they are green; and so they grow hard and stiff on their Legs, for they never pull them off again, till they have occasion to eat them; which is when they journey from home, and have no other food; then these Guts, which have been worn, it may be, 6, 8, 10, or 12 months, make them a good Banquet: This I was informed of by the *Dutch*. They never pull off their Sheep-skin Garments, but to louse themselves, for by continual wearing them they are full of Vermin, which obliges them often to strip and sit in the

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the Sun two or three hours together in the heat of the day, to destroy them. Indeed most *Indians* that live remote from the Equator, are molested with Lice, though their Garments afford less shelter for Lice, than these *Hottantots* Sheepskins do. For all those *Indians* who live in cold Countries, as in the North and South parts of *America*, have some sort of Skin or other to cover their Bodies, as Deer, Otter, Beaver or Seals Skins, all which they as constantly wear, without shifting themselves, as these *Hottantots* do their Sheep-Skins. And hence they are lowly too, and strong scented, though they do not daub themselves at all, or but very little; for even by reason of their Skins they smell strong.

The *Hottantots* Houses are the meanest that I did ever see. They are about 9 or 10 foot high, and 10 or 12 from side to side. They are in a manner round, made with small poles stuck into the ground, and brought together at the top where they are fastned. The sides and top of the House are filled up with Boughs coursely wated between the poles, and all is covered over with long Grass, Rushes, and pieces of Hides; and the House appears at a distance just like a Hay-cock. They leave only a small hole on one side about three or four foot high, for a door to creep in and out at; but when the wind comes in at this door, they stop it up, and make another hole in the opposite side. They make the Fire in the middle of the House, and the smoak ascends out of the crannies, from all parts of the House. They have no Beds to lye on, but tumble down at night round the fire.

Their Household furniture is commonly an earthen pot or two to boyl Victuals, and they live very miserably and hard; it is reported that they will fast two or three days together, when they travel about the Country. Their

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Their common food is either Herbs, Flesh, or Shell-fish, which they get among the Rocks, or other places at low water: for they have no Boats, Barklogs, nor Canoas to go a fishing in; so that their chiefest subsistence is on Land Animals, or on such Herbs as the Land naturally produceth. I was told by my *Dutch* Landlord, that they kept Sheep and Bullocks here before the *Dutch* settled among them: and that the Inland *Hottantots* have still great stocks of Cattle, and sell them to the *Dutch* for Rolls of Tobacco; and that the price for which they sell a Cow or Sheep, was as much twisted Tobacco, as will reach from the Horns or Head, to the Tail; for they are great lovers of Tobacco, and will do any thing for it. This their way of trucking was confirmed to me by many others, who yet said that they could not buy their Beef this cheap way, for they had not the liberty to deal with the *Hottantots*, that being a priviledge which the *Dutch East India* Company reserve to themselves. My Landlord having a great many Lodgers, fed us most with Mutton, some of which he bought of the Butcher, and there is but one in the Town; but most of it he kill'd in the night, the Sheep being brought privately by the *Hottantots*, who assisted in Skinning and Dressing, and had the Skin and Guts for their pains. I judge these Sheep were fetched out of the Country, a good way off, for he himself would be absent a day or two to procure them, and two or three *Hottantots* with him. These of the *Hottantots* that live by the *Dutch* Town, have their greatest subsistence from the *Dutch*, for there is one or more of them belonging to every house. These do all sorts of servile work, and there take their Food and Grease. Three or four more of their nearest Relations sit at the doors or near the *Dutch* House, waiting for

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for the scraps and fragments that come from the Table ; and if between meals the *Dutch* people have any occasion for them, to go on Errands, or the like, they are ready at command ; expecting little for their pains ; but for a stranger they will not budge under a Stiver.

Their Religion, if they have any, is wholly unknown to me ; for they have no Temple nor Idol, nor any place of worship that I did see or hear of. Yet their mirth and nocturnal pastimes at the New and Full of the Moon, lookt as if they had some Superstition about it. For at the Full especially they sing and dance all night, making a great noise : I walked out to their Huts twice at these times, in the evening, when the Moon arose above the Horizon, and viewed them for an hour or more. They seem all very busie, both Men, Women and Children, dancing very oddly on the green Grass by their Houses. They traced to and fro promiscuously, often clapping their hands and singing aloud. Their Faces were sometimes to the East, sometimes to the West : neither did I see any motion or gesture that they used when their Faces were toward the Moon, more than when their backs were towards it. After I had thus observed them for a while, I returned to my Lodging, which was not above 2 or 300 paces from their Huts ; and I heard them Singing in the same manner all night. In the grey of the morning I walked out again, and found many of the men and women still Singing and Dancing ; who continued their mirth till the Moon went down, and then they left off : Some of them going into their Huts to sleep, and others to their attendance in their *Dutch* houses. Other Negroes are less circumspect in their Night-Dances, as to the precise time of the Full Moon, they being more general in these Nocturnal pastimes,

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times, and use them oftener; as do many people also in the *East* and *West Indies*: Yet there is a difference between colder and warmer Countries as to their Divertisements. The warmer Climates being generally very productive of delicate Fruits, &c. and these uncivilized people caring for little else than what is barely necessary, they spend the greatest part of their time in diverting themselves, after their several fashions; but the *Indians* of colder Climates are not so much at leisure, the Fruits of the Earth being scarce with them, and they necessitated to be continually Fishing, Hunting, or Fowling for their subsistence; not as with us for Recreation.

As for these *Hottantots*, they are a very lazy sort of people, and tho they live in a delicate Country, very fit to be manured, and where there is Land enough for them, yet they choose rather to live as their Fore-fathers, poor and miserable, than be at pains for plenty. And so much for the *Hottantots*: I shall now return to our own affairs.

Upon our arrival at the Cape, Captain *Heath* took an House to live in, in order to recover his health. Such of his Men as were able did so too, for the rest he provided Lodgings and paid their expences. Three or four of our men, who came ashore very sick, died, but the rest, by the assistance of the Doctors, of the Fort, a fine Air, and good Kitchin and Cellar Physick, soon recovered their healths. Those that subscribed to be at all calls, and assisted to bring in the Ship, received Captain *Heath's* Bounty, by which they furnished themselves with Liquor for their homeward Voyage. But we were now so few, that we could not sail the Ship; therefore Captain *Heath* desired the Governour to spare him some men; and as I was informed, had a promise to be

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supplied out of the homeward bound *Dutch East India* Ships, that were now expected every day, and we waited for them. In the mean time in came the *James and Mary*, and the *Josiah* of London bound home. Out of these we thought to have been furnished with men: but they had only enough for themselves; therefore we waited yet longer for the *Dutch Fleet*, which at last arrived: but we could get no men from them.

Captain *Heath* was therefore forced to get men by stealth, such as he could pick up, whether Soldiers or Seamen. The *Dutch* knew our want of men, therefore near 40 of them, those that had a design to return to *Europe*, came privately and offered themselves, and waited in the night at places appointed, where our Boats went and fetched 2 or 4 aboard at a time, and hid them; especially when any *Dutch Boat* came aboard our Ship. Here at the Cape I met my friend *Daniel Wallis*, the same who leapt into the Sea and swam at *Pulo Condore*. After several Traverses to *Madagascar*, *Don Mascarin*, *Ponticberri*, *Pegu*, *Cummere*, *Maderas*, and the River of *Hugli*, he was now got hither in a homeward bound *Dutch Ship*. I soon perswaded him to come over to us, and found means to get him aboard our Ship.

About the 22d of *May* we sailed from the Cape, in the company of the *James and Mary*, and the *Josiah*, directing our Course towards the Island *Santa Hellena*. We met nothing of remark in this Voyage, except a great swelling Sea, out of the S. W. which taking us on the broad side, made us rowl sufficiently. Such of our Water-Casks as were between Decks, running from side to side, were in a short time all staved, and the Deck well washed with the fresh water. The Shot tumbled out the Lockers and Garlands; and rung a lowd peal, rumbling from side to side, every rowl that

the

An. 1691 the Ship made: neither was it an easie matter to reduce them again within bounds. The Guns, being carefully look'd after and lash'd fast, never budg'd, but the Tackles or Pulleys, and Lashings, made great Musick too. The sudden and violent motion of the Ship, made us fearful lest some of the Guns should have broken loose, which must have been very detrimental to the Ships sides. The Masts were also in great danger to be rowl'd by the board: but no harm hapned to any of us besides the loss of 3 or 4 Butts of Water, and a Barrel or 2 of good Cape Wine, which was staved in the great Cabbin.

This great Tumbling Sea, took us shortly after we came from the Cape. The violence of it lasted but one Night: yet we had a continual swelling came out of the S. W. almost during all the passage to *Santa Hellena*: which was an eminent token that the S. W. Winds were now violent in the higher latitudes towards the South Pole; for this was the time of the year for those Winds. Notwithstanding this boisterous Sea coming thus obliquely upon us, we had fine clear weather, and a moderate gale at S. E. or between that and the East, till we came to the Island *Santa Hellena*, where we arrived the 20th day of *June*. There we found the *Princess Ann* at an Anchor, waiting for us.

The Island *Santa Hellena* lies in about 16 Degrees South lat. The Air is commonly serene and clear, except in the months that yield Rain; yet we had one or two very rainy days, even while we were here. Here are moist seasons to plant and sow, and the weather is temperate enough as to heat, tho' so near the Equator, and very healthy.

The Island is but small, not above nine or ten leagues in length, and stands 3 or 400 leagues

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from the main Land. It is bounded against the Sea with steep Rocks, so that there is no landing but at 2 or 3 places. The Land is high and Mountainous, and seems to be very dry and poor; yet there are fine Valleys, proper for cultivation. The Mountains appear bare, only in some places you may see a few low Shrubs, but the Valleys afford some Trees fit for building, as I was informed.

This Island is said to have been first discover'd and settled by the *Portuguese*, who stockt it with Goats and Hogs. But it being afterwards deserted by them, it lay waste, till the *Dutch*, finding it convenient to relieve their *East India* Ships, settled it again; but they afterwards relinquished it for a more convenient place; I mean the Cape of *Good Hope*. Then the *English East India* Company settled their Servants there, and began to Fortify it, but they being yet weak, the *Dutch* about the year 1672 came thither, and re-took it, and kept it in their possession. This news being reported in *England*, Captain *Monday* was sent to re-take it, who by the advice and conduct of one that had formerly lived there, landed a Party of Armed Men in the night in a small Cove, unknown to the *Dutch* then in Garrison, and climbing the Rocks, got up into the Island, and so came in the morning to the Hills hanging over the Fort, which stands by the Sea in a small Valley. From thence firing into the Fort, they soon made them surrender. There were at this time two or three *Dutch East India* Ships, either at Anchor, or coming thither, when our Ships were there. These, when they saw that the *English* were Masters of the Island again, made sail to be gone; but being chased by the *English* Frigots, 2 of them became rich prizes to Captain *Monday* and his men.

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The Island hath continued ever since in the hands of the *English East-India* Company, and hath been greatly strengthened both with Men and Guns; so that at this day it is secure enough from the invasion of any Enemy. For the common Landing-place is a small Bay, like a Half-Moon, scarce 500 paces wide, between the two points. Close by the Sea side are good Guns planted at equal distances, lying along from one end of the Bay to the other: besides a small Fort, a little further in from the Sea, near the midst of the Bay. All which makes this Bay so strong, that it is impossible to force it. The small Cove where Captain *Monday* landed his men when he took the Island from the *Dutch*, is scarce fit for a Boat to land at; and yet that is now also fortified.

There is a small *English* Town within the great Bay, standing in a little Valley, between two high steep Mountains. There may be about 20 or 30 small Houses, whose Walls are built with rough Stones: The inside furniture is very mean. The Governour hath a pretty tolerably handsome low House, by the Fort; where he commonly lives, having a few Souldiers to attend him, and to guard the Fort. But the Houses in the Town before mentioned stand empty, save only when Ships arrive here; for their Owners have all Plantations farther in the Island, where they constantly employ themselves. But when Ships arrive, they all flock to the Town, where they live all the time that the Ships lye here; for then is their Fair or Market, to buy such necessaries as they want, and to sell off the produce of their Plantations.

Their Plantations afford Patatoes, Yames, and some Plantains and Bonanoes. Their stock consists chiefly of Hogs, Bullocks, Cocks and Hens, Ducks, Geese, and Turkeys, of which they have great

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No Manatee at Santa Hellena.

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great plenty, and sell them at a low rate to the Sailors, taking in exchange, Shirts, Drawers, or any light Cloaths ; pieces of Callico, Silks, or Muzlins : Arack, Sugar, and Lime-juice, is also much esteemed and coveted by them. But now they are in hopes to produce Wine and Brandy, in a short time ; for they do already begin to plant Vines for that end, there being a few *French* men there to manage that affair. This I was told, but I saw nothing of it, for it rained so hard when I was ashore, that I had not the opportunity of seeing their Plantations. I was also informed, that they get Manatee or Sea-cows here, which seemed very strange to me. Therefore enquiring more strictly into the matter, I found the *Santa Hellena* Manatee to be, by their Shapes, and manner of lying ashore on the Rocks, those Creatures called Sea-lyons ; for the Manatee never come ashore, neither are they found near any rocky Shores, as this Island is, there being no feeding for them in such places. Besides, in this Island there is no River for them to drink at, tho there is a small Brook runs into the Sea, out of the Valley by the Fort.

We stayed here 5 or 6 days, all which time the Islanders lived at the Town, to entertain the Seamen ; who constantly flockt ashore, to enjoy themselves among their Country people. Our touching at the Cape had greatly drained the Seamen of their loose Corns, at which these Islanders as greatly repined ; and some of the poorer sort openly complained against such doings, saying, it was fit that the *East India* Company should be acquainted with it, that they might hinder their Ships from touching at the Cape. Yet they were extreemly kind, in hopes to get what was remaining. They are most of them very poor : but such as could get a little Liquor to sell

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1691 to the Seamen at this time got what the Seamen
 could spare ; for the Punch Houses were never empty.
 But had we all come directly hither, and not
 touched at the Cape, even the poorest people
 among them would have gotten something by
 entertaining sick men. For commonly the Seamen
 coming home, are troubled, more or less, with
 Scorbutick Distempers ; and their only hopes are
 to get Refreshment and Health at this Island,
 and these hopes seldom or never fail them, if
 once they get footing here. For the Islands afford
 abundance of delicate Herbs, wherewith the sick
 are first bathed to supple their Joints, and then
 the Fruits and Herbs, and fresh food soon after
 cure them of their Scorbutick Humours. So that in a
 weeks time, men that have been carried ashore in
 Hammocks, and they who were wholly unable to
 go, have soon been able to leap and dance. Doubtless
 the serenity and wholesomeness of the Air contri-
 butes much to the carrying off of these Distem-
 pers ; for here is constantly a fresh breeze. While
 we staid here, many of the Seamen got Sweet-
 heart. One young man belonging to the *James*
and Mary, was married, and brought his Wife to
England with him. Another brought his Sweet-
 heart to *England*, they being each engaged by
 Bonds to marry at their arrival in *England* ; and
 several others of our Men were over Head and
 Ears in love with the *Santa Hellena* Maids, who,
 tho they were born there, yet very earnestly
 desired to be released from that Prison, which they
 have no other way to compass, but by marrying
 Seamen, or Passengers that touch here. The
 young Women born here, are but one remove
 from *English*, being the Daughters of such. They
 are well shaped, proper and comely, were they
 in a Dress to set them off.

My

My stay ashore here was but two days, to get Refreshments for my self and *Jeoly*, whom I carried ashore with me: and he was very diligent to pick up such things as the Island afforded, carrying ashore with him a Bag, which the people of the Isle filled with Roots for him. They flockt about him, and seemed to admire him much. This was the last place where I had him at my own disposal, for the Mate of the Ship, who had Mr. *Moodie's* share in him, left him entirely to my management, I being to bring him to *England*. But I was no sooner arrived in the *Thames*, but he was sent ashore to be seen by some eminent persons; and I being in want of Money, was prevailed upon to sell first, part of my share in him, and by degrees all of it. After this I heard he was carried about to be shown as a Sight, and that he died of the Small-pox at *Oxford*.

But to proceed, our Water being fill'd, and the Ships all stocked with fresh Provision, we sailed from hence in Company of the *Princess Ann*, the *James and Mary*, and the *Josiab*, July the 2d, 1691, directing our course towards *England*, and designing to touch no where by the way. We were now in the way of the Trade Winds, which we commonly find at E. S. E. or S. E. by E. or S. E. till we draw near the Line, and sometimes till we are 8. or 10. degrees to the North of the Line. For which reason Ships might shape their course so, as to keep on the *African* Shore, and pass between *Cape Verd*, and *Cape Verd* Islands; for that seems to be the directest course to *England*. But experience often shews us, that the furthest way about is the nearest way home, and so it is here. For by striving to keep near the *African* Shore, you meet with the Winds more uncertain, and subject to calms; whereas in keeping the mid way between *Africa* and *America*, or rather nearer the

An. 1691 American Continent, till you are North of the Line, you have a brisk constant gale.

This was the way that we took, and in our passage before we got to the Line, we saw three Ships, and making towards them, we found two of them to be *Portuguese*, bound to *Brazil*: The third kept on a Wind, so that we could not speak with her; but we found by the *Portuguese* it was an *English Ship*, called the *Dorothy*, Capt. *Thwayt* Commander, bound to the *East Indies*. After this we kept Company still with our 3 *Consorts* till we came near *England*, and then were separated by bad weather; but before we came within sight of Land, we got together again, all but the *James and Mary*. She got into the Channel before us, and went to *Plymouth*, and there gave an account of the rest of us; whereupon our Men of War who lay there, came out to join us, and meeting us, brought us off of *Plymouth*. There our *Consort* the *James and Mary* came to us again, and from thence we all sailed in company of several Men of War towards *Portsmouth*. There our first Convoy left us, and went in thither. But we did not want Convoys, for our Fleets were then repairing to their Winter Harbours, to be laid up; so that we had the company of several *English Ships* to the *Downs*, and a Squadron also of *Dutch* sailed up the Channel, but kept off farther from our *English Coast*, they being bound home to *Holland*. When we came as high as the *South Foreland*, we left them standing on their course, keeping on the back of the *Goodwin Sands*; and we lufft in for the *Downs*, where we anchored *September* the 16th, 1691.

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Sir Rob. Howards Plays
The E. of Orrerys Plays folio
Drydens Juvenal 8o
Miltons Paradise lost and regained folio
 ————— *Poetical works with Notes*
Prince Arthur
Ovids Epistles by several hands 8o
Drydens Miscellany poems

Walters poems
Oldhams poems
Clevelands poems
Tates poems

Dennis poems
Flatmans poems
Mrs Behns poems
Hudibras

Mr Dryden's Plays, bound or single, viz.

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|------------------------------|----------------------------------|
| 1 Dramatick essay | 15 <i>Aurenzeb</i> |
| 2 Wild Gallant | 16 All for Love |
| 3 Rival Ladies | 17 <i>Limberham</i> |
| 4 <i>Indian Emperor</i> | 18 <i>OEdipus</i> |
| 5 Maiden Queen | 19 <i>Troilus & Cressida</i> |
| 6 <i>Sir Martin Marrall</i> | 20 <i>Spanish Fryar</i> |
| 7 <i>Tempest</i> | 21 <i>Duke of Guise</i> |
| 8 <i>Mock Astrologer</i> | 22 <i>Albion & Albanus</i> |
| 9 <i>Tyrannick Love</i> | 23 <i>Don Sebastian</i> |
| 10 <i>Conq. of Granada</i> | 24 <i>Amphytrion</i> |
| 11 <i>Marriage Alamode</i> | 25 <i>King Arthur</i> |
| 12 <i>Love in a Nunnery</i> | 26 <i>Cleomenes</i> |
| 13 <i>Amboyna</i> | 27 <i>Love Triumphant</i> |
| 14 <i>State of Innocence</i> | |

Mr Shadwel's Plays, bound or single, viz.

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|---------------------------|--------------------------|
| 1 Sullen Lovers | 6 <i>Libertine</i> |
| 2 <i>Humorist</i> | 7 <i>Epsom Wells</i> |
| 3 <i>Royal Shepherdes</i> | 8 <i>Timon of Athens</i> |
| 4 <i>Virtuoso</i> | 9 <i>Miser</i> |
| 5 <i>Psyche</i> | 10 <i>True Widdow</i> |

- 11 *Lancashire Witches*
- 12 *Woman Captain*
- 13 *Squire of Alsatia*
- 14 *Bwy Fair*

- 15 *Amorous Biggot*
- 16 *Scowlers*
- 17 *Volunteers*

Mr Otway's Plays, bound or single, viz.

- 1 *Alcibiades*
- 2 *Friendship in fashion*
- 3 *Orphan*
- 4 *Soldiers fortune*
- 5 *Atheist*

- 6 *Titus and Berenice*
- 7 *Venice preserved*
- 8 *Don Carlos*
- 9 *Cain's Maim*
- 10 *Windsor Castle, a poem*

Mr Lee's Tragedies, bound or single, viz.

- 1 *Sophonisba*
- 2 *Nero*
- 3 *Alexander the Great*
- 4 *Gloriana*
- 5 *Mithridates*
- 6 *Theodosius*
- 7 *Cesar Borgia*

- 8 *Lucius Jun. Brutus*
- 9 *Constantine*
- 10 *OEdipus*
- 11 *Duke of Guise*
- 12 *Massacre of Paris*
- 13 *Princess of Cleve*

Also these, and all other Modern Plays.

- Mr Anthony*
Abdelazer
Alphonso K. of Naples
Antony & Cleopatra
Adventures of 5 hours
Bellamira
Black Prince and Tryphon
Bussy d' Amboise
Country Wit
Country Wife
Chances
Circe
Cheats
City Politicks
Cambyses
Destruction of Jerusalem
Duke and no Duke
Devil of a Wife
Distressed Innocent
Darne Dobson
Dutch Lover
Don Quixot 3 parts
Double Dealer
Empress of Morocco
Earl of Essex

- English Monarch*
English Fryar
Edward the Third
Emperor of the Moon
English Lawyer
Fond Husband
Feign'd Courtezans
Forc'd Marriage
Female Virtuoso
Fortune Hunters
Fatal Marriage
Gentleman Dancing Master
Greenwich Park
Henry 5 & Mustapha
Heir of Morocco
Hamlet
Ibrahim
Island Princess
Ingratitude of Commonwealth
Julius Caesar
Injur'd Lovers
Innocent Impostor
Innocent Usurper
King and no King, &c.

Biggot.

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