Record

A CORRESPONDENT writes: "D. LeRoy Topping died on July 20 in Honolulu, after a long illness. He was born in North Harpersfield, N. Y., on November 2, 1861. Mr. Topping was interested in botanical field work, particularly in ferns, assembling large and important collections not only from various parts of the United States, but also in the Philippines, where he served for many years; in Siberia, where he served with the American Red Cross following the World War; in British North Borneo, particularly on Mount Kinabalu, and in the Hawaiian Islands, where he has lived since his retirement in 1922."

Narrative of Tobbings 1915
Kina Balu tub, Britsh
North Borneo begins
p. 100

ARNOLD ARBORETUM, HARVARD UNIVERSITY
JAMAICA PLAIN
MASS.

Nov.1,1940

Dear Mr.Weatherby:

Otto Degener of Honolulu sent the Topping book via Mrs.Merrill,and asked that it be placed in the Gray Herbarium. As I acquired from Degener a reasonably representative set of Topping's ferns which eventually will find their places in the Gray Herbarium,it seems that its library is the proper place for Topping's lists and account of his Kina Balu trip.

Very truly yours

E.D.Merrill

Sandaten B. h. B.

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[illegible]

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Kudat

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Ie nell'ho

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5·40 inc

* 493 – Maui-Pacific Oper.
Nov. 22-23, 1915

123

Remarks

Soundings 88 fathoms 12.20

Soils

Date & Soundings 7 P.M. to 12 M.

Source of [illegible] Dr. Orme – [illegible]

Place [illegible] at sea [illegible]

Weather a night [illegible] for Sounding

Sandy – Bitumenous clay & [illegible]

a [illegible]

Night [illegible] for Weather & Sounding

Sounding Specimen [illegible]

Rock Name Afric Tuff [illegible]

Manganese [illegible]

[illegible]

Eng. Rev. [illegible] The [illegible]

[illegible]

Colour [illegible] – ~~[illegible]~~ [illegible]

[illegible] – [illegible] – [illegible]

[illegible] – [illegible]

[illegible] [illegible] – [illegible]

[illegible] & [illegible] cable

7–8 [illegible] Kota Belud – Buaten [illegible]

Tuaran [illegible] – [illegible]

Kota Belud – Tenbogo 19 miles

Tonk [illegible]

Tenbogo to Tenang 12 [illegible]

high on [illegible] after [illegible]

[illegible] to [illegible] 8 miles 3000 feet

Bamboos [illegible] – heavy [illegible]

Bamboos, [illegible] – [illegible]

[illegible] – [illegible] – [illegible] [illegible]

Inlighter

Mines [illegible] Page 25

Orchids – [illegible] Amer Vol 6 222

110 [illegible] – Tulas per Rowan 226

[illegible] 120 [illegible]

3 days [illegible] to Lebong

30 [illegible]

Nov. 10 Begin [illegible] – [illegible] to [illegible]

[illegible] [illegible] – [illegible]

Lately [illegible]

Nov. 11 Lebong – [illegible] – [illegible]

[illegible] – Lunch – [illegible] – [illegible]

[illegible] – Cap [illegible]

Pitchers [illegible] – [illegible]

[illegible] [illegible]

Nov. 12 [illegible] – [illegible] to [illegible]

[illegible] [illegible] – [illegible]

[illegible], [illegible] [illegible]

[illegible] – [illegible]

Nov. 13. [illegible] – [illegible] – [illegible]

[illegible], [illegible] – [illegible]

Journey [illegible] 1892

3 days at Pahang - steam [illegible] Pahang

3 " at Labang coming back

Nov. 20 Bratchubang - another

Bramdam [illegible]

Nov 22 Marai - [illegible]

Mepenthes Bajah

Nov 23 Thankgiving Day

to Kuang

Nov 26 Arrive from Tabang

Nov 27 Tekela Band - [illegible]

way

Nov 28 Trawan [illegible] Marian

Mangrove

Mr Cook

Nov 29 to Jemblin - steam

Dec 6 to Kudat - steam

" 9 Foxmouth & Marian

Jolo.

White auto at Manila

The following spellings and elevations are taken from a map from the Survey by Capt.F.C.LearmouthR.N. H.M.S."Merlin" June 1910.

Mount Kina Balu.			
Jesselton, TheCapital,			
Usukan.			
Khota Balud,	elevation	370	feet
Kibayo,	"	550	"
Keung.	"	1100	"
Kiau,	"	3080	"
Lobang (cave)	"	4700	"
Kemberanga	"	7040	"
Paka Cave	"	9700	"
Low,s Peak	"	13455	"
Kadamayan River			
Tampassuk River			

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

Please note the spelling of Kina Balu with two capitals. I have my heart quite set on this spelling.

Minitindok Gorge is the same as my Lobang Gorge on my labels and I think the Clemens marked theirs the same as I did as we did not know that it had any specific name until we saw Moultons article.

Shall probably think of many more things for you to note later on but this is all for the present.

Yours sincerely
Topping.

Jan.17th. 1916.

British North Borneo Collection.

1351--1386	Sandakan	October	~~Ø~~ 16-18	1915	
1387--1400	Kudat	"	19	"	
1401--1473	Jesselton	"	20-26	"	
1474--1479	Usukan-Khota Balud	October	27	"	
1480--1499	Khota Balud-Kibayo	"	28	"	
1500--1501	Kibayo-Keung	"	29	"	
1502--1505	Keung--Kiau	"	30	"	
1506--1579	Kiau	Oct.31--Nov.3		"	
1580--1614	Kiau-Lobang		November	4-5	1915
1615--1634	Gurulau Spur		"	7	"
1635--1636	Kiau		"	8-9	"
1637--1639	Kiau-Lobang		"	10	"
1640--1645	Lobang-Kemberanga		"	11	"
1646--1650	Kemberanga		"	11	"
1651--1659	Kemberanga-Paka Cave		"	11	"
1660--1684	Paka Cave		"	12	"
1685--1703	Paka Cave-Summit Kina Balu		"	13	"
1704--1720	Paka Cave		"	14	"
1721--1759	Paka Cave-Lobang		"	15	"
1760--1798	Lobang		"	16-18	"
1799--1815	Lobang-Kiau		"	19	"
1816--1842	Gurulau Spur		"	21	"
1843--1890	Marai Parai Spur		"	22-23	"
1891--1896	Keung		"	25	"
1897--1910	Keung-Kibayo		"	26	"
1911--1912	Khota Balud-Tuaran		"	28	"
1913--1952	Jesselton		Nov.30-Dec.5		"
1953	Sandakan		December	9	"

My Dear Merrill;

Herewith is some data in regard to our trip which may be of use to now or later on.

~~Landed at Sandakan Oct.16 1915 and left there Oct. 18~~

Landed at Sandakan Oct.16 1915 and left there Oct. 18
In Kudat Oct 19
Landed at Jesselton Oct 20 and sailed for Usukan on the morning of Oct,27 and went through to Khota Balud that day.
Oct 28 Khota Balud to Kibayo.
Oct 29 Kibayo to Keung.
Oct 30 Keung to Kiau.
Oct 31 to Nov 3 inc. in Kiau
Nov. 4-5 the Chaplain and I made the trip to Lobang (cave) and back going by the way of the Minitindok Gorge.
Nov. 7th I collected on the Gurulau spur.
Nov.10th we started up the mountain (via. the Minitindok Gorge) made Lobang the first day Paka Cave the second.
Nov.12 at Paka Cave.
Nov. 13th. made the top of Low,s Peak.
Nov. 14th. at Paka Cave.
Nov. 15th. Paka Cave to Lobang (cave).
Nov. 16-17-18 at Lobang
Nov 19th. Lobang to Kiau.
Nov. 21st. I collected on the Gurulau spur.
Nov. 22-23 the Chaplain and I made the trip to the Marai Parai spur (Moulton spells it Marei Parei)
Nov. 25th. Thanksgiving Day, I left the Clemens(thank God) at Kiau and came to Keung.
Nov.26th Keung to Kibayo.
Nov.27th Kibayo to Khota Balud.
Nov.28th. Khota Balud to Tuaran.
Nov 29th. Tuaran to Jesselton.
Nov.30-Dec.5th. in Jesselton.
Dec.6th. sailed from Jesselton
Dec. 7th. in Kudat.
Dec. 9th. in Sandakan sailing for Jolo at 6 P.M.

Bonus Bond

1951 – 1953 inc

	Pada - Lobang	" 15
59		
1760 - 1798	Lobang	" 16 - 18
1799 - 1815	Lobang - [illegible]	Nov. 19
1816 - 1842	[illegible]	Nov. 21
1843 - 1890	[illegible] - Paradise	" 22 - 23
1891 - 1896	Kleung	Nov 25
1897 - 1910	Kleung - Pitanga	" 26
1911 - 1912	Nkeita Baind - Tuarau	" 28
1913 - 1952	[illegible]	Nov. 30 - Dec 5
1953	[illegible]	Dec 7

[illegible]

1380

1419

1423 – 31

1434 – 37

1441

1446

1451

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1455

1458 – 60

1465

1467 – 73

1555

1559

1571 – 7

1647

1676

1915

1917 – 8

Last No 1953

ASCENT OF MOUNT KINABALU.

In forwarding the following account of a recent ascent of Kinabalu for publication, His Excellency the Governor writes as follows :—

"The report of the ascent of Kinabalu made by Miss L. S. Gibbs during February was written at my request by Mr. D. R. Maxwell, Assistant District Officer, Province Keppel, who accompanied that lady. It is characteristic in picturing the expedition as merely a prolonged picnic and I am glad that I am able to record that Miss Gibbs, who was a guest at Government House on her return, whilst giving me a general account of the ascent and of her observations on the botany of the mountain, her special object, informed me also of the vicissitudes which were reduced to a minimum by the way in which Mr. Maxwell managed the expedition at practically a moment's notice since he was not warned to be in readiness. Miss Gibbs paid a tribute to the consideration shown for the comfort of every individual, which was done without impeding progress in any way.

We shall look forward with great interest to the publication of Miss Gibbs' report and in the meantime must congratulate her on being not only the first lady who had made the ascent, but also on the fact that in the interests of Botanical Science she chose the long route via Tambunan, a journey of many days entailing more hardship and discomfort than the actual ascent."

Mr. Maxwell writes as follows :—

As the ascent of Kinabalu will perhaps be again attempted this year, it may not be out of place to write a report on my ascent with Miss L. S. Gibbs.

Geography of Ulu Kadamayan.

Several mountain streams have their source round Kinabalu (*a*) Kadamayan, the main tributaries of which are Kenatak (minor) and Kulapis which flows down from Tenampak, the divide to Bundutuhan and Interior.

(*b*) Kiulau which joins Kadamayan between Kaung and Gahin.

(*c*) Heia Heia which is a tributary of
(*d*) Penokok which is a tributary of
(*e*) Datrobang which is a tributary of
(*f*) Kenataki

all of which hence flow into the Kadamayan a little way above Kaung.

The largest of the above rivers, except of course the Kadamayan, is the Datrobang and all of them run in their own valleys between spurs running out from Kinabalu. They are also all on the S. side of the big Marai Parai spur which culminates in Mt. Nukok (known by Bajaus as Saduk Saduk) under the base of which is Kaung. On the other side of Marai Parai rise the river Melambun (or Limbun) and the bigger river Penataran. The Melambun flows into Kadamayan immediately below Tambatuhan and the Penataran still further seawards.

These rivers all join Kadamayan on the true right. The only river of any size joining Kadamayan on the true left to the ulu is the Kiamat which has its mouth almost opposite Kiau.

The spur of Kinabalu up which one mounts to achieve the ascent of Kinabalu is really the beginning of that range of hills which separates the Interior from ulus Tempasuk, Tuaran, Papar, &c., and extends to near Pangi.

Stages of Ascent.

Headquarters are naturally at Kiau and the first stage is from Kiau to Lobang, an overhanging rock called after a small mountain stream which flows into the true left of Kadamayan It runs just below the cave and hence there is no difficulty about water. The accommodation is ample for a large number of coolies although water would probably run down the rock in wet weather. The deepest part is however, with a few kadjangs, capable of being made quite weather proof. The best way to reach Lobang is to follow the hill from

which were washed out by the rains. The P. P. prisoners were also engaged to clear several small slips.

Leila Road.—The remetalling of this road is nearing completion, but the roller will have to be kept on for a little time longer to roll it down.

ALEC. JOHNSTON,
Supt. of Public Works.

Tawao.

JANUARY.

P. W. D.—Coolies were employed in cleaning the road at the N. of plain, and deepening ditches. On 20th owing to the non-arrival of rubber seeds, Mr. Morrell was able to let 15 of his coolies join my gang in reconstructing the Estate Road N. of the river to the nursery, about ½ mile in length. The hedge on the W. side was cut down, (land owners were as usual under the impression that the road was their boundary) and the fence was moved back by them to the true boundary. The road will thus get the necessary sunshine with 66 feet of open land. No permanent planting had been done on the encroachment; heavy rain has interfered with the work. The Contractor completed his three ballards for the wharf. His work was delayed by the previous absence in Sandakan of the *Chantek* with which Government had agreed to tow his timber. He lost one raft in trying to sail it over.

Cowie Harbour Coal Co.—During the month 2,646 tons of coal were mined, 2,295 tons were exported including 455 tons in bunkers, 297 tons were sold locally, and 1,127 tons were sent to Sandakan. I visited the Mines on 16th, and returned early on 13th. A Chinese cooly who did not get an empty tub soon enough to please him struck his mandore underground between the eyes with his pick—shaft as the man was riding on a car being drawn up the incline. Fortunately the mandore was dragged aside in time with only a fractured nose. I gave the cooly 2 years R. I.

Bot. Specimens

Lake Taal, Jan. 2, 1907 Nos 517 – 28

Mt. Natib, Feb. 21, 1907 477 – 499

Lamao, Mch. 20, 07 529 – 535

Pagsanjan, April 1, 07 501 – 514

Perang – Perang, April 26, 07 515 – 518

Mt. Marivales, May 19–23 477 – 490

Manila Aug. 07 536 – 542

Sept. " 543 – 560

Oct. 558 – 564

Nov. 565 – 568

BUREAU OF PUBLIC LANDS PHILIPPINES 080

1217-1224	Wawa Rizal Province	Aug. 13, 1909.
1225	" " "	Sep. 26, 1909.
1226	Between Bauaue & Mayaoyao, Mt. Prov.	Feb. 2, 1910.
1227-1229	Nan ~~Poon~~ Nien Pass, China	Oct. 11, 1910.
1230	Bay, Laguna Province	Nov. 24, 1910.
1231-1240	Mt. Banahao	Apr. 14, 1911.
1241	Near Lelio	Apr. 14, 1911.
1242-1243	Near San Pablo	" " "
1244-1250	Gorge near Montalban	June 19, 1911.
1251-1252	Near Diliman	June 23, 1911.
1253-1263	San Francisco del Monte	July 9, 1911.
1264	Mt. Banahao	Dec. 31, 1911.
1265-1271	North Wales	Sep. 14-22-1912.
1272-1275	Nagasaki Japan	Oct. 16-17- "
1276	Montalban	Oct. 26, 1913.
1277-1279	Between Lucena & Atimonan	Feb. 28, 1914.
1280	Mt. San Cristobal	April 10 ~~May 31~~, "
1281	Mt. Banahao	May 31, 1914

Topping's Ferns, dates and localites.

1282	Atimonan, Tayabas Prov.	Nov.	25,	1914.	
1283	Mauban " " " " "				
1284-86	Cabalete Island, Tayabas Prov.	Nov.	26,	1914	
1887,88	Infanta "		28	"	
1289-96	Mauban "		29	"	
1297-99	Siaian "	Dec.	3	"	
1300-08	Atimonan "		2	"	
1309-10	"		7		
1311-15	"		8		all Luzon
1316	Malicboy		10		
1317-20	between Malicboy and Atimonan		10		
1321-23	Sumulong		14		
1324-26	Calauag		14		
1327	Atimonan		16		
1328-29	Talaba		17		
1330	Culiculi, Rizal Prov.		20		

oO

1331 [illegible] Dec 3, 15

1332 " " Dec 17, 15

1333 [illegible] Dec 23, 15

THE GOVERNMENT OF THE PHILIPPINE ISLANDS
BUREAU OF AUDITS
MANILA

Topping,s Collections.

NoS. 589---592	Hong Kong.	Nom. 20 I906.
593--598	" "	Nov. 2I "
599--603	Canton,	Nov. 22 "
604--6II	Hong Kong,	Nov. 23 "
6I2--622	Montalbán,	Dec. 24 "
623--635	Antipolo,	Dec. 3I "
636--642	Santa Mesa	Jan. I2 I907
643--645	Manila,	Jan. 20 "
646--65I	Novaliches,	Feb. I0 "
652--655	Guadalupe	Feb. I7 "
656--678	Los Banos	Feb. 22 "
679--697	" "	Feb. 23 "
698--704	Diliman	MCh. I0 "
705--7I8	Los Banos	Mch. 28 I907
7I9--740	Mt.Maquiling,	Mch. 29, I907
74I--747	SanFrancisco del Monte	April 7 I907.
748--749	Manila	April I0 "
750--752	Novaliches,	April I4, I907.

D. LeRoy Topping,

May 20, I907.

List of botanical collection made by D. Le Roy Topping at Vladivostok and vicinity during the Summer of 1919. (add 2000 to the number on original label)

No. 2001-2005	May	4 1919.	Vladivostok
2006-2020	"	11	" - First River
2021-2026	"	16	"
2027	"	20	" ~~PARK~~ Park
2028-2046	"	25	Russian Island, near Officer's School
2047-2064	"	30	" "
2065-2074	June	1	Vladivostok - First River
2075-2076	"	7	" - second River
2077-2100	"	8	Russian Island
2101	"	12	" "
2102-2108	"	15	Churkin
2109-2122	"	15	Russian Island
2123-2129	"	18	Vladivostok
2130-2159	"	22	Fortress No. 6
2160-2162	"	23	Vladivostok
2163-2166	"	27	"
2167	"	28	"
2168-2191	"	29	Evacuation Hospital
2192-2199	"	29	Russian Island
2200-2208	July	4	Vladivostok
2209	"	4	" - Base Ball Grounds
2210-2241	"	5	Near sea shore (Monaco)

2242-2243	" 12	Vladivostok
2244-2253	" 13	Russian Island
2254-2255	" 19	Vladivostok
2256-2279	" 20	Okernsky - Bay of Amur
2280	" 22	Vladivostok
2281-2288	" 24	"
2289	" 26	"K
2290-2309	" 28	Evacuation Hospital
2310-2322	" 27	Russian Island
2323-2324	August 3	Vladivostok
2325-2344	" 9	Near sea shore (Monaco)
2345-2358	" 10	Russian Island, Czech Hospital
2359-2360	" X 20	Vladivostok
2361-2370	" 22	"
2371-2388	" 23	"
2389-2391	" 24	Russian Island,- Radio Station
2392-2409	" 29	Vladivostok
2410-2423	" 30	"
2424-2454	Sept. 6	" - Second River
2455-2459	" 7	Gornesty
2460-2462	" 12	Vladivostok
2463-2472	" X 13	" - First River
2473-2485	" 20	Near sea shore (Monaco)
2486- 2497	" 21	Russian Island
2498-2515	" 27	Evacuation Hospital
2516-2529	" 29	Russian Island
2530	Oct. 9	Fortress No. 6

Botanical collection of D. Leroy Topping.

[illegible]	[illegible]	Odiao,	Nov.	22	20,	1906.	
[illegible]	" "	"	"	23		"	
[illegible]	[illegible]	"	"	25		"	
[illegible]	[illegible]	"	"	27		"	
[illegible]	[illegible]	Rizal Prov.		Luzon,	Dec.	24,	1906.
[illegible]	[illegible]	"	"	"	"	31	"
[illegible]	[illegible]	"	"	"	Jan	12	1907.
[illegible]	[illegible]	"	"	"	"	20	"
[illegible]	[illegible]	"	"	"	Feb.	10	"
[illegible]	[illegible]	"	"	"	"	17	"
[illegible]	[illegible]	Laguna	"	"	"	22	"
[illegible]	[illegible]	"	"	"	"	23	"
[illegible]	[illegible]	Rizal	"	"	Mch.	10	"
[illegible]	[illegible]	Laguna	"	"	"	22	"
[illegible]	[illegible]	"	"	"	"	29	"
[illegible]	[illegible] del Monte	Rizal Prov.		Luzon,	Apr.	7	1907.
[illegible]	[illegible]	Rizal Prov.		Luzon	Apr.	10,	1907.
[illegible]	[illegible]	"	"	"	"	14	"
[illegible]	[illegible]	"	"	"	May	30	"
763-764	[illegible] Juan del Monte	Rizal Prov.		Luzon	Aug.	25,	1907.
765-766	" " " "	"	"	"	Sept.	7	"
767	Intramuros, Manila	"	"	"	"	6	"

[illegible]	San Juan del Monte,	"	"	"	"	"	"	"	"
[illegible]-771	" " "	"	"	"	"	"	"	14	"
770	" " "	"	"	"	"	"	"	[illegible]	"
[illegible]-776	" " "	"	"	"	"	"	"	22	"
777	" " "	"	"	"	"	"	"	[illegible]	"
778	" " "	"	"	"	"	"	"	25	"
[illegible]	" "	"	"	"	"	"	[illegible]	[illegible]	"
[illegible]	Marivales Mts.	Bataán	Prov.	Luzon,		Oct.	13-15,		"
[illegible]	Montalbán	Rizal	"	"		Dec.	1		"
[illegible]	Cervantes,	Lepanto-Bontoc	Prov.	"		"	19		"
[illegible]	Cajan	"	"	"	"	"	1		"
[illegible]	Cagada	"	"	"	"	"	14		"
[illegible]	Sarmic	Nueva Vizcaya		"	"	"	[illegible]		"
[illegible]	Quiñigan	"	"	"	"	"	19		"
[illegible]	[illegible]	"	"	"	"	"	[illegible]		"
[illegible]	Baguio	Benguet		"	"	"	28		"
[illegible]	Benguet Road	"		"	"	"	[illegible]		"
[illegible]-807	Antipolo	Rizal		"	"	Jan.	20		1908
[illegible]	[illegible]	Laguna		"	"	Feb.	[illegible]		"
[illegible]	El Deposito	Rizal		"	"	Mch.	19		"
[illegible]	Montalbán	"		"	"	"	[illegible]		"
[illegible]	Malayjay	Laguna		"	"	Apr.	17		"
[illegible]	Pagsanjan	"		"	"	"	[illegible]		"
1004	Guadalupe	Rizal		"	"	May,	15		"

1032-48	Wawa, Rizal Province	September 27th, 1908.
1049	Manila	October 6th, 1908.
1050-59	Wawa, Rizal Province	October 11th, 1908.
1060-69	Wawa, Rizal Province	December 13th, 1908.
1070	Benguet Road, Mt. Province	January 12th, 1909.
1071	Antimock, Mountain Province	January 14th, 1909.
1072	Near Camp John Hay, Mountain Province	January 15th, 1909.
1073-81	Trinidad Road, Mt. Province	January 15th, 1909.
1082-1110	Sablan Trail, Mt. Province	January 18th & 19th, 1909.
1111-78	Haight's Place, Mountain Province	January 23-28, 1909.
1179-1212	Mount. Santo Tomas, Mountain Province,	February 2-3, 1909.
1213-14	Baguio, Mountain Province	February 4th, 1909.
1215	Benguet Road, Mt. Province	February 6th, 1909.
1216	Wawa, Rizal Province	May 2nd, 1909.

1005-6	Wawa, Rizal Province	July 4th, 1908.
1007	Wawa, Rizal Province	July 5th, 1908.
1008	Navotas, Rizal Province	July 12th, 1908.
1009	San Juan, Rizal Province	July 20th, 1908.
1010	Wawa, Rizal Province	August 2nd, 1908.
1011-15	Wawa, Rizal Province	August 13th, 1908.
1016	San Juan del Monte, Rizal Province	August 16th, 1908.
1017-18	San Juan del Monte, Rizal Province	August 22nd, 1908.
1019	San Juan del Monte, Rizal Province	August 23rd, 1908.
1020-24	Maraquina Road, Rizal Province	August 23rd, 1908.
1025-31	Wawa, Rizal Province	August 30th, 1908.

363 Diplazium polypodioides Bl.

364 Selaginella

365 Polystichum

362 Vittaria elongata Sw.

361 Pteris

359 Lycopodium

358 Polypodium palmatum Bl.

357 Polypodium adscens Bl.

356 Cheiropleura bicuspis Presl

355 Adiantum squamulosum Cowel

354 Microlepia pinnata Cav.

353 Polypodium triquetrum Bl.

352 Polypodium jagorianum Mett.

351 Lindsaya

350 Polypodium decorum Brack.

349 Nephrolepis repens

135 Hymenophyllum

134 Hymenophyllum

453 Polypodium subcordatum Bl.

452 Asplenium caudatum Forst.

451 Trichomanes javanica Bl.

450 Oleandra colubrina Copel.

449 Dipteris conjugata Reinw.

448 Trichomanes meifolium

447 Aspidium

446 Trichomanes ~~XXX~~ meifolium

445 Asplenium subnormale Copel.

444 Gymnopteris inconstans Copel.

443 Pteris

442 Elaphoglossum conforme Schott.

441 Nephrodium ornatum

440 Dicranopteris dolosa Copel.

439 Histiopteris incisa (Thunb)

438 Nephrolepis cordifolia Presl.

437 X Antrophytum reticulatum Klf.

377 Davallia alata Bl.

399 Dennstaedtia

398 Diplazium polypodioides

397 Trichomanes

396 Niphobolus

395 Lindsaya concinna Sm.

393 Lindsaya hymenophylloides Bl.

392 Adiantum caudatum L.

391 Nephrodium

390 Odontosoria

389 Loxogramme lanceolata Bl.

388 Antrophytum reticulatum Klf.

387 Selaginella

386 Gymnopteris inconstans Copel.

385 Asplenium hirtum Kaulf.

384 Asplenium lasserpitiifolium Lam.

303 Gymnopteris

383 Asplenium tenerum Forst.

382 Asplenium lasserpitiifolium Lam.

381 Nephrodium inconstans

380 Adiantum diaphanum Bl.

379 Polypodium nigrescens Bl.

378 Adiantum diaphanum Bl.

376 Lycopodium

375 Microlepia ciliata

374 Selaginella

373 Polypodium ellipticum Bl.

372 Vittaria elongata Sw.

371 Asplenium lasserpitiifolium Lam

370 Polystichum

369 Aspidium

368 Vittaria elongata Sw.

367 Microlepia pinnata Cav.

366 Cyathea

419 Nephrodium

418 Polypodium elliptícum Bl.

417 Polypodium punctatum L.

416 Polypodium subauriculatum

415 Lonogramme lanceolata B.

414 Asplenium lasserpitiifolium Lam.

413 Niphobolus flocciger Bl.

412 Asplenium hirtum Klf.

411 Cyristopteris sagitta Copel.

410 Polypodium glaucum Kze

409 Pteris

408 Polypodium meyenianum Schott

407 Nephrodium

406 Antrophytum reticulatum Klf.

405 " " "

404 Nephrolepis acuta Presl.

403 Lecanopteris ~~XXXX~~ carnosa

430 Selaginella

431 Trichomanes [illegible]ifolium

433 Polystichum conilifolium Wall.

432 Lindsaya concinna Sm.

431 Stenochlaena

394 Diplazium

430 Taenites blechnoides Sw.

429 Lomogramme lanceolata Bl.

428 Asplenium hirtum Kaulf

427 Nephrodium uropyllum

426 Diplazium sylvaticum Presl

425 Lindsaya concinna J. Sm.

424 Aspidium

423 Stenochlaena sorbifolia J. Sm.

422 Asplenium macrophyllum Sw.

421 Pteris tripartita

420 Hypolepis tenuifolia Bernh.

402 Polypodium punctatum L.

401 Asplenium nidus L.

400 Ophioglossum pendulum L.

497 Polypodium varians Bl.

496 Selaginella

495 Polypodium palmatum Bl.

494 Pteris quadriaurita Retz.

498 Pteris ensiformis Burm

499 X Lygodium

497 Nephrodium

492 Lygodium

491 Cheiropleura bicuspis Presl.

490 Polypodium triquetrum Bl.

489 Polypodium myriocarpum Mett.

488 Polystichum coniifolium Wall.

486 Humata repens

484 Asplenium hirtum Klf.

480 Niphobolus floccriger Bl.

479 Polystichum coniifolium Wall.

478 Callipteris esculenta

477 Asplenium hirtum Klf.

534 Diplazium sylvaticum Presl

533 Aspidium whitfordii Copel

532 Lygodium

531 Diplazium sylvaticum Presl

530 Lygodium

528 Lygodium

526 Pteris ensiformis Burm.

525 Blechnum orientale L.

524 Odontosoria

523 Nephrolepis rufescens Presl.

522 Lygodium

521 Adiantum caudatum L.

519 Lygodium

518 Adiantum lunulatum Burm.

515 Lycodium

514 Nephrodium

513 Nephrodium

512 Asplenium laserpitiifolium Lam.

511 Selaginella

509 Odontosoria retusa Pr.

508 Adiantum

506 Nephrolepis

505 Pteris

504 Adiantum

Topping Philippine Ferns.

No.
1005 Pteris ensiformis Burm.
1006 Drynaria descensa Copel.
1007 Polypodium myriocarpum Mett.
1008 Drynaria quercifolia (L.)
1009 Adiantum philippense L.
1010 Lygodium flexuosum Sw.
1011 Adiantum macrophyllum Sw.
1012 Adiantum caudatum L.
1013 Selaginella
1014 Doryopteris ludens J. Sm.
1015 Pteria parviloba Christ
1016 Adiantum philippense L.
1017 Cheilanthes tenuifolia
1018 Notochlaena densa J.Sm.
1019 Notochlaena densa J.Sm.
1020 Ceropteris calomelanus (L.) Und.
1021 Cheilanthes tenuifolia Sw.
1023 Adiantum philippense L.
1024 Hemionitis arifolia (Burm.) Moore.
1025 Lygodium flexuosum Sw.
1026 Trichomanes bipunctatum Poir?
1027 Lygodium circinnatum Sw.
1028 Polypodium myriocarpum Mett.
1029 Pteris cretica L.
1030 Adiantum philippense L.
1031 Hemiogramma latifolia Copel.
1032 Asplenium macrophyllum
1033 Polypodium myriocarpum Mett.
1034 Hemiogramma latifolia Copel.
1036 Adiantum philippense L.
1038 Lygodium circinatum Sw.
1039 Selaginella
1040 Pteris longipes Don.
1041 Pteris ensiformis Burm.
1042 Selaginella

1043 Doryopteris ludens J.Sm.
1044 Adiantum caudatum L.
1045 Athyrium loheri Christ.
1046 Adiantum alatum Copel.
1047 Selaginella
1048 Nephrolepis hirsutula Presl?
1049 Selaginella
1050 Drynaria descensa Copel.
1051 Cyclophorus adnascens (Sw.)
1052 Adiantum alatum Copel.
1053 Pteris longipes Don.
1054 Polybotria apiifolia Hook.
1055 Asplenium macrophyllum
1056 Davallia elegans Sw.
1057 Polypodium myriocarpum Mett.
1059 Athyrium loheri Christ!
1060 Trichomanes bipunctatum Poir?
1061 Dryopteris luerssenii (Harr.)C.Chr.
1062 Selaginella
1063 Cyclopeltis presliana J. Sm.
1064 Selaginella
1065 Antrophyum reticulatum Klfs.
1066 Selaginella
1068 Polypodium myriocarpum Mett.
1069 Polypodium myriocarpum Mett.
1070 Adiantum capillaris-veneris L.
1071 Tectaria crenata ~~Copel.~~ Cav.
1072 Hymenolepis spicata (Z. fil) Pr.
1073 Polypodium benguetense Copel.
1074 Onychium japonicum (Thbg.) Kze.
1079Microlepia strigosa (Sw.)Presl.
1081 Cyclophorus sticticus J. Sm.
1082 Odontosoria chinensis J. Sm.

Topping Philippine Ferns....2

No.
1083 Odontosoria chinensis J. Sm.
1084 Odontosoria retusa J. Sm.
1085 Odontosoria chinensis J. Sm.
1086 Odontosoria retusa J. Sm.
1087 Davallia embolostegia Copel.
1088 Polypodium membranaceum Don.
1089 Cyclophorus varius (Klf.)
1090 Cyclophorus varius (Klf.)
1091 Polypodium accedens Bl.
1093 Asplenium
1094 Vittaria lineata (L.) Sm.
1095 Antrophyum reticulatum Klf.
1096 Lycopodium squarrosum Forst.
1097 Antrophyum reticulatum Klf.
1098 Polypodium decrescens Christ.
1099 Selaginella
1100 Nephrolepis acuta Presl.
1101 Gleichenia linearis (Burm.)Bedd.
1102 Gleichenia linearis (Burm.)Bedd.
1103 Cyclophorus varius (Klf.)
1104 Polypodium benguetense Copel.
1105 Asplenium
1106 Dryopteris crenata (Forst.) Ok.
1108 Leucostegia hymenophylloides (Bl.) Bedd.
1109 Polypodium palmatum Bl.
1110 Selaginella
1111 Lycopodium volubilis Forst
1112 Polypodium palmatum Bl.
1113 Vittaria lineata (L.) Sm
1115 Hymenophyllum
1116 Asplenium lepturus J. Sm.
1117 Polypodium caespitosum (Bl.) Mett.
1118 Polypodium hirtellum Bl.

1119 Lindsaya cyathicola Copel.
1120 Diacalpe aspidioides Bl.
1121 Cyathea fuliginosa Christ
1123 Humata immersa var.
1124 Selaginella
1125 Prosaptia contigua Presl
1126 Polystichum batjanense Christ
1127 Asplenium elmeri Christ
1129 Plagiogyria pycnophylla Mett
1130 Polypodium gracillimum Copel.
1131 Plagiogyria glauca var. Philippinensis Christ
1132 Asplenium normale Don.
1133 Dennstaedtia ~~elmeri Copel~~? dennstaedtioides. Copel.
1134 Humata vestita J. Sm.
1135 Selaginella
1136 Selaginella
1137 Asplenium insticium Brack.
1138 Polypodium erythroyrichum Copel.
1139 Hymenophyllum
1140 Asplenium lepturus J. SM.
1141 Athyrium brevipinnulum Copel.
1142 Humata repens Diels
1144 Lycopodium clavatum L.var. divaricatum Wall.
1145 Onychium japonicum (Thunb.)Kze.
1146 Asplenium exiguum Beld.
1147 Hymenophyllum
1148 Asplenium lepturus J. Sm.
1149 Polypodium multicaudatum Copel?
1150 Trichomanes cupressoides Desv.
1151 Selaginella
1152 Asplenium normale Don.
1153 Elaphoglossum petiolatum (Sw.) Urb.
1154 Nephrolepis cordifolia Presl.
1155 Polypodium benguetense Copel.
1156 Lycopodium pinifolium Desv.

Topping Philippine Ferns...3

No.
1157 Cyclophorus sticticus J. Sm.
1159 Gleichenia dolosa Copel.
1160 Hymenophyllum
1161 Polypodium elmeri Copel.
1162 Hymenolepis spicata (L.)
1163 Diacalpe aspidioides Bl.
1165 Diacalpe?
1166 Asplenium lepturus J.Sm.
1167 Polystichum varium (L.) Presl.
1168 Asplenium lepturus J.Sm.
1170 Loxogramme parallela Copel.
1171 Asplenium lepturus J.Sm.
1172 Athyrium platyphyllum Copel.
1173 Polystichum carvifolium Presl?
1174 Asplenium insticium Brack.
1175 Athyrium platyphyllum Copel.
1177 Lycopodium serratum thunb.
1178 Hymenolepis platyrhynchos
1179 Davallia bullata Wall.
1180 ~~Nuphrolepis immersa~~ Lencostegia immersa Pr.
1181 Asplenium insticium Brack.
1183 Cheilanthes farinosa Kaulf.
1184 Vittaria alternans Copel
1186 Asplenium lepturus J. Sm.
1187 Dryopteris hirtipes (Bl.) Ok.
1188 Asplenium normale Don.
1190 Asplenium lepturus J.Sm.
1191 Vittaria elongata Sw.
1192 Athyrium nigripes var. mearnsianum Copel.
1193 Hymenolepis spicata (L. f.)
1194 Onychium japonicum (Thbg.) Kze.
1195 Adiantum
1196 Selaginella hispidulum Sw.
1198 Diacalpe aspidioides Bl.
1199 Polystichum batjanense Christ.
1200 Coniogramme javanica Copel.
1201 Loxogramme parallela Copel.
1202 Lycopodium pinifolium Desv.
1203 Asplenium normale Don.
1204 Polypodium subauriculatum Bl.
1205 Polystichum diltodon var. vervosum Christ.
1206 Microlepia rhomboidea Presl.
1207 Selaginella
1208 Lycopodium volubile Forst.
1209 Polystichum amabile (Bl.) J. Sm.
1210 Polypodium elmeri Copel.
1211 Hymenolepis platyshynchos (J. Sm) Tbzo
1212 Drymoglossum carnosum Hook.
1213 Oleandra cumingii J. Sm.
1214 Dipteris conjugata Reinw.
1215 Doryopteris concolor Kuhn.
1216 Dryopteris syrmatica (Willd) Ok.

*1158 Woodwardia radicans (L.) Sm.

Botanical Collection of D. Le Roy Topping.

Hawaiian Islands.

No.	Date.	Location. Island of Oahu.
2630-1	March 18, 1923	Waimalu Gulch
2632	April 15	Waimea Valley
2633	" 29	Pauoa Flat
2634	" "	Pauoa Valley
2635	" 21	Tantalus (Mt.)
2636	" 21	Pauoa Valley
2637-40	May 6	Puu Kaala
2641-42	" 13	Palehua
2643-48	" 20	Bowman Trail Ridge
2649-56	" 27	Makua Valley
2657-64	June 3	Tantalus (Mt.)
2665-68	" 17	Mango Grove
2669-82	July 1	Puu Lanipo
2683-85	" 4	Waiahole Tunnel
2686-90	" 8	South Halawa Gulch
2691-92	" 15	Mango Grove.
2693-98	" 21	Tantalus (Mt.)
2699	" 22	Lanahuli (Puu)
2700	" 28	Upper Manoa Valley
2701-8	" 29	Waiahole-Waikane Trail
2709-11	August 12	Sacred Falls
2712	September 2	Kahana Bay Trail
2713-17	" 12	Upper Kalihi Valley
2718-19	September 22	Tantalus (Mt.)
2720	October 7	Puu Kaala
2721	October 17	Tantalus (Mt.)
2722	October 21	Waianae
2723-4	November 11	Palehua
2725	November 18	Niu Ridge
2726-34	November 29	Puu Lanahuli
2735-38	December 16	Waikane-Waiahole Trail
2739-40	January 13, 1924	Wailupe-Niu Valley
2741-44	January 27	Fire Break Trail
2745-49	February 17	Waimano Gulch
2750-53	March 9	Bowman Trail
2754-58	March 16	Sacred Falls
2759	March 23	Wailupe-Niu
2760	March 30	Puu Lanahuli
2761-3	March 30	Kamana-Iki Valley
2764-9	April 13	Wahiawa-Waikane Trail
2770-2770a	May 11	Puu Kaala
2771-73	May 30	Waimano Gulch
2774-78	June 8	Puu Ohulehule
2879	June 8	Puu Ohulehule
2780	June 11	Puu Lanipo
2781-86	June 11	Puu Lanipo
2787-91	June 15	Puu Konahuanui
2792-98	June 22	Puu Kaua
2799	June 29	Waikane-Waiahole Trail
2800-1	July 4	Waialae-Iki Valley
2802-4	July 20	Ridge between Puu Kanehoa and Puu Hapapa
~~2805~~	~~July 27~~	~~Puu Kaala~~
2806	August 7	Haena-Kalalau Trail Isl. Kauai
2807-09	August 10	Olokele Canyon
2810	August 11	Milolii Trail
2811	August 12	Kilohana Trail
2812-15	August 17	Waialeale

Botanical Collection of D. Le Roy Topping.

Sheet No. 2

Hawaiian Islands.

No.	Date.	Location. Island of Oahu.
2816-22	August 24, 1924.	Manoa Valley
2823	August 30	Pauoa Valley
2824-31	August 31	Bowman Trail
2832-41	September 6	Kaimuki, Honolulu
2842-54	September 7	Niu Ridge
2855-68	September 14	Puu Kalena
2869	September 21	Fire Break Trail
2870-79	September 21	Puu Kaala
2880-1	September 28	Fort Shafter Ridge
2882-86	September 28	Upper Moanalua Valley
2887-92	October 3	Niu Ridge
2893	October 5	Puu Olomana
2894-6	October 12	Moanalua Valley
2897-2905	October 21	Kaimuki, Honolulu
2906-9	October 31	Makiki Trail
2910	October 31	Manoa Cliff Trail
2911	October 31	Pauoa Valley
2912	November 15	Makiki Valley
2913	November 16	Waimalu Gulch
2914-27	November 23	Pupukea-Kahuku Trail
2928-36	November 27	Waialua Beach
2937-42	November 30	Niu Ridge
2943-51	December 7	Puu Uau
2952-57	December 14	Waikane-Waiahole Trail
2958-60	December 21	Waiawa Valley
2961	December 21	Waiahole Ditch Trail
2962-69	December 28	Puu Konahuanui
2970-5	January 4, 1925	South Halawa Gulch
2976-84	January 11	Wailupe Ridge
2985	January 18	Bowman Trail
2986	January 18	Kalihi Valley
2987-95	January 21	Kaimuki, Honolulu
2996	January 21	Queen & Alakea Sts. Honolulu
2997	January 25	Du Pointe Trail
2998	January 25	Puu Kaala
2999-3004	January 31	Upper Manoa Valley
3005-17	February 1	Waimanalo
3018	February 8	Nanakuli
3019-23	February 14	Upper Manoa Valley
3024-36	February 15	Koko Head Crater
3037	February 15	Koko Head Road
3038-46	February 22	Makaleha Valley
3047-48	March 1	Fort Shafter Ridge
3049-53	March 1	Upper Moanalua Valley
3054-66	March 8	Wahiawa-Waikane Trail
3067	March 15	Manoa Ridge
3068-71	March 21	Kaimuki, Honolulu
3072-79	March 22	Mt. Olympus
3080-91	April 5	Pupukea-Kuhuku Trail
3092	April 12	Mt. Tantalus
3093-99	April 12	Manoa Cliff Trail
3100-08	April 19	Waianae Valley
3109-24	April 26	Waimano Gulch
3125	May 1	S. King St. Honolulu
3126-41	May 3	Puu Kaua
3142-49	May 10	Puu Lanahuli
3150-56	May 17	Hauula Valley
3157-65	May 24	Puu Lanipo
3166-67	May 30	Makua Valley
3168-74	May 31	Kaena Point Ridge
3175-76	June 7	Waimalu Gulch
3177-85	June 11	Upper Palolo Valley
3186-93	June 14	Puu Kaala
3194-96	June 21	Kahana Valley
3197-3203	June 25	Kaimuki, Honolulu
3204	July 5	Mt. Palikea
3205	July 5	Palehua
3206	July 12	Pali Road

Botanical Collection of D. Le Roy Topping.

Hawaiian Islands - Island of Oahu. Sheet No. 3

No.	Date.	Location.
3209-14	July 12	Waimanalo Road
3215-22	July 19	Opaeula
3223-26	August 2, 1925	Puu Konahuanui
3227	August 2	Upper Manoa Valley
3228-29	September 6	Manoa Cave
3230-32	September 6	Woodlawn Trail
3233-34	September 6	Mt. Olympus
3235-41	September 13	Puu Lanahuli
3242-43	September 19	Manoa Cliff Trail
3244-45	September 20	Fire Break Trail
3246	September 26	Manoa Cliff Trail
3247-50	September 26	Pauoa Valley
3251-58	October 4	Pupukea-Kahuku Trail
3259	October 18	Wailupe Ridge
3260	October 18	Wailupe Valley.
3261-2	October 24	Makapuu Point
3263-70	November 25	Mtl Olympus
3271	December 27	Wahiawa-Waikane Trail
3272	January 2 1926	Moanalua
3273-75	January 3	Waikane-Waiahole Trail
3276-78	February 7	Puu Konahuanui
3279	February 14	South Halawa Gulch
3280-84	February 21	Kawaihapai Gulch
3285	March 7	Pupukea-Kahuku Trail
3286-7	March 21	Puu Kaua
3288	May 9	Kahana Trail
3289-90	June 27	Waikane
3291-92	July 26	Waikano-Waiahole Trail
3293	August 15	Puu Kaala
3294-95	October 9	Kawela Bay
3296	December 25	Hanauma Bay.

[illegible] Expedition [illegible] Mt. Kina Balu, British North Borneo by [illegible] B.Sc.

Extract from the Sarawak Museum Journal, Vol II No 6 1915.
(Published Sept. 1915.)

Mount Kina Balu data.

Heights above capital

Kinabalu

White Band	370	elevation
Kibangio	550	"
Kenna	1100	"
Kian	3080	"
Lobang (cave)	4790	
Kodaunggan River		
Tampassuk "		
Kembayangan	7040	elevation
Paka Cave	9790	"
Lewis Peak	13455	"
South Saya temp.	1200	"
St. John's Peak	13440	"

Soundings and levelling taken from a map from the survey by Capt. C. E. Lawrence R. N. H. M. S. Martin June 1910

Dakamban River

Kimi Taki "

Penapok "

Kimlinsok cave - among Lobang caves

Kenitabang on Kinabatangan River

Hiram [illegible] . [illegible] [illegible] [illegible] 100
E. H. Barrett President
[illegible] [illegible] Secretary D. A. [illegible] Board.

Sat. Oct. 2.

My Trip to Borneo.

After a most strenuous forenoon's work in the office I endeavored to take a "post tiffin siesta" but at 2.30 my telephone roused me and I was informed that the S.S. "Romulus" would sail at 3. A mad rush to dress and get to the boat only to learn that the time set for sailing was 4 and we finally set steam at about 5 in a downpour. Almost every place on deck was soaking but we were pushed out of the line of rain and passed by Corregidor with a fine sunset over Mt. Marivales. Struggled with luggage in my stateroom which I think will be the only use I shall put it to. Had our dinner at seven, Spanish style with its "vino tinto" of which I am very fond: soon after I went to bed on deck on a Filipino cot several sizes too short with all the bed clothes also several sizes too short but the strenuous days work has tired me so, that stretching out on a bare board would be welcome.

Sun.
Oct 3

Was so tired that I could not sleep much last night. Had round tea and toast early, my ship board luxury and then tackled the Spanish bath: two pails of water, one "salado" and one "dulce" and a small can painted red which I smeared over myself.

Now wearing off my tired-to-death feeling and am reading the odds and ends of my papers and magazines and writing up my diary.

Once we came close to some very fascinating looking islands: rocky and wooded to the top: might be interesting botanically as they seemed uninhabited.

It has been cloudy most of the day with occasional showers - a very restful sort of day.

Sat out on deck after dinner and talked with Dr. Lemon, Col. Shanks and a Mr. Beach, the only Americans aboard. Ran close to some lights home in the evening and during the day the Geo. Forster passed us and we met the S.S. "Cuba". Talked some after 8 on deck.

Mon.

Oct. 4 Was awake before light and had tea and toast on deck and then my "tin-can" bath. We had an early breakfast just as we came to anchor at Cebu.

Dr. Lenson and I went ashore together, walked over to the club and then we got a rig and drove around the town, a much cleaner and better looking place than I expected. The boat was due to sail for Dumaguete at 9 but with the usual Spanish "mañana" habit did not get away until 11. Dr. Lenson, Lieut. Shanks & Mr. Beach all left the boat at Cebu. As we left Cebu three U.S. torpedo boat destroyers steamed out along side of us but soon left us in the distance. Nothing much to see on the run from Cebu to Dumaguete: reached the latter place at about 6 but I did not go ashore. It has a beautiful location at the foot of a high mountain Cuernos de Negros. (The horns of Negros.) I died some botany in the evening and went to bed quite early. Everybody is ashore.

Tues.
Oct. 5

It is early to bed and early to rise with me. Had my tea and bath on deck and then my "tin-can bath". Dressed and had breakfast on time and then Mr. McGraw P.O. and another chap whose name I do not know, and myself went ashore in the launch. I spent all the time ashore in collecting shells: also paid a peseta for a book: got about 25 new species for my collection. Now charmed with Dumaguete and would like to spend a vacation there. Came aboard at 10 but we did not sail until 1½.
There are very heavy dark clouds ahead of us. The run along Oriental Negros is very attractive.
I took a siesta after tiffin and then read some botany from Merrill's book and fixed up one book of poor old Dr. Robinson's field labels.
Had my tea in the P.M. and at dinner time we struck the storm that blowed up ahead of us. The rain and wind has made an awful roar and the sea is getting high. Not much sleep on deck ahead of me.

Wed.
Oct 6

I took in a most fretful night with the wind, rain and lightning. Had practically no sleep at all and welcomed daylight and also a sight of the Island of Mindanao and of Zamboanga a little later.

Had my tea and toast early and breakfast and then packed up and we landed at 8.

It is still quite rainy. I took a rickshaw up to the Palace or Plaza Hotel and engaged rooms.

Met Mr McCutchen on the street & dropped in to chat in drug store. Met Paul Jones and Mr. Cooley at dinner. Mrs. Moore took Mr Cutchen and me down to the hospital in the P.M.

Visited around with numerous people and lounged and wrote up my diary.

Zambo is a most attractive looking place.

After dinner a Mr Newton, a Pub. Works man took me to the club and we had some drinks and then I got to bed at about 10.30

Thurs,
Oct. 7. The Zambonian church bells awoke me at about 5.30 and it was up by six. Had my bath and breakfasted by seven. Dropped in on Mr. Salelby and then on Yeager and Fairson. I found in the bath. I wandered around the streets and went to the market. Saw Dr. Cook of North Pole fame on the street and also met Col. Trumb.

Went around to the M'Intosh and chatted until noon: the padre and I looked over the church. Took a siesta after tiffin and then called on the Dr. Baker's but they were out: met Judge Hurd on the street and went around to the house and called on Mrs. Hurd. Walked down to the pier and met Mr. & Mrs. Parker there.

After dinner Fairson took me around to Mr. Dennison where we played pool all the evening. I visited with a Mr. Allen. Had a very heavy rain just before we came home. Has been dark and threatening all day.

Isa.

Oct. 8

I was up at about six and had my bath and an early breakfast. Ran in on Salelby and then started down the beach towards the Jambo. Hospital; collected some shells and then stopped at the hospital and called on Miss Riddle. Wandered on down through the Moro Village and then struck on to the beach and collected shells until about one and then came back for tiffin with Miss Riddell and Mr. Burt. Miss R. took me over to see the weaving.

I got back home at about four, had a bath and changed clothes and then made a call and had tea with Col. and Mrs Peter Trumb; most charming people. After dinner I called on a Mr. Cameron, an engineer but he was out.

Loafed around the hotel, walked down to the wharf to see the Romulus and then home; looked over my shells and got to bed early.

Sat.

Oct. 9 I was up at about six and had my bath and soon after breakfast I walked out through the posts, a most delightful place. Bought two shells of a Moro and then wandered on out the sea wall and collected some shells; some one stole the chambered nautilus that I had just bought.

I got back to the hotel in time for lunch.

Soon after lunch I took the road out to San Jose which led me down to the beach and then I followed up the shore and collected many shells. Had to take off my clothes to get across one stream.

Got back in time to change before dinner.

After dinner Mr. McCutcheon and I went around and called on Mr. Cameron, the engineer whom I found most interesting. Came home at about 10 and went to bed.

Sun.
Oct. 10. I was up bright in time for my bath and we early breakfast and at 7.30 joined Mr. Cameron Mr. Rawlins, Mr. Buckingham and two Filipino engineers and we walked out about 3 miles and then walked up through the gorge where they are to build the waterworks; we waded the river ~~four~~ several times and saw some most attractive scenery and interesting plants I gathered some of Deacon Punnicher's Lumbang nuts. We stopped at the nursery gardens on the way back. Got home in time to change before dinner.

After tiffin I joined the other fellows and went to the ball game. Met Dr. Baker there.

After the game I went to the Transport "Liscum" and met Chaplain and Mrs. Clements and we walked out into the country & then came back and I had dinner with them. I was pretty tired and went to bed at nine

No. 2.

Oct. 11. It was lazy when getting up and had breakfast alone.
It did some running around town first, then came home and cleaned up some books and did up some writing. Walked down to the Festival and finally stayed for tiffin with Alice Riddle and Mr. Burt. Had some sport with two Moro kids who were selling cocoanuts. Came back with the idea of going to San Ramon on the 3 o'clock train but it left at 2.30. Went home and took a siesta and at about five got up and had my bath and changed clothes. After dinner all the others went to the 'movies' as I wandered down to the wharf and then to the Army and Navy Club: met Dr. Baker, Nair and Mr. Parker and other army and constabulary people: we shook dice for the drinks and visited until about 10.30.

Oct. 2 [illegible] and the first to beach fast and we go back the two "Frank's flyers" out to Ryalo, a very charming wood part of the way along the beach walked from Ryalo out to San Ramon Penal Colony and met Mr. Cooley and Mr. Brunton the 21st. Sept. We drove over to the house and loafed around till lunch time; met Mrs. Cooley a most charming woman. Took a little siesta and then Cooley drove me all around the estate, a wonderful place and wonderfully managed. The rain drove us in but later we looked the piggery over, came back for tea. Went into the prison and saw the men at meals. Had a most gorgeous supper.

After dinner we walked down to Mr. Chambers house and he gave us a concert on his violin. It has been a most charming and interesting day,

Wed.

Oct. 13 Had a heavy warm [illegible] night which kept me awake some, had an early bath and breakfast and came into Jambonga on the lunch with Mr. and Mrs. Cooley; a charming morning's ride.
Went to the S.S. office, the barber shop and then loafed around my room until noon.
Went up to Simon's room and visited awhile and then took a long walk in the (salt works) country and met Blair (Sub. Rev.) on the way. Came back about four and Sallely and I went down on the beach and collected some shells.
Had my bath and dressed before dinner.
Sat around the hotel and listened to the music and watched them dance awhile.
Blair, Merritt and I walked down to the wharf and back in moonlight. Came to my room and tried to read but the mosquitoes were so bad I had to go to bed.

Thurs.
Oct. 14

[illegible] went my usual time and had breakfast with the others. Walked down to the wharf and looked over the Straits Steam Ship Co's Selangor; then back to the hotel and then down the beach collecting shells and stopped at the hospital to say good-bye to Miss Biddle. Went to the office and paid for my ticket to Jesselton $72.20 and then home for tiffin. Took a little siesta and then packed up; went over to Salee bye and had some cream with him and Geo. Gilhauser and at five went down to "Selangor" with my luggage; called to see Geo. Bryant but he was out.

Came back to the hotel for dinner and at 8. went aboard my boat. and we sailed for Jolo at nine. I did a little unpacking and sat up on deck for a time. It is a beautiful night. with an opal moon. Retired at 10

Fri.
Feb 13 Did not sleep well last night on account of my mouth; was up early and we came to anchor at Colo at six; I had tea and my bath, breakfast at 8.30 and then went ashore at once. Met Bishop Brent on the street and walked through the Moro market with him: he was leaving for his industrial school. Went to the Army and Navy Club looking for the Clemens; met Major Chapman and some other officers there and found that the Clemens have gone on the mountain.
After tiffin on the boat I called on the Fairs where the Clemens are stopping and Mrs. F. and I packed up their things; Mr. F. came to the boat and we had tea, then to the tennis court and then to the Fairs for a drink. The Clemens came in about dark and we hurried them on the boat. We were to sail at 2 but did not get off until 7. After dinner I loafed on deck until about 10. It is a beautiful moonlight night.

Sat.
Oct. 16

My stateroom was so hot that I went up on deck and slept as much as possible with my sore mouth. Was up early and had tea and my bath and breakfast at 8.30. I spent most of the forenoon in watching the Clemens fook their plants in press: helped Mrs. Clemens with some of the ferns. We got into Sandakan B. N. B. between 12 and 1 and came up to the wharf. A Dr. Orme and another gentleman called on us. After tiffin my mouth became so painful that I walked up to Dr. Orme's home: had tea with him and the warm tea caused the abess in my mouth to break giving me great relief. Later we went out for a walk and saw many interesting plants and I collected two lycopodiums: came home with Dr. Orme for dinner: we had a little chat on botanical things and then he came down to the boat with me. The Dr. is a most interesting and charming man.

Sun.

Oct. 17 I had a good nights sleep last night: was awake for a most gorgeous sunrise: had tea and wrote up my diaries and had breakfast at 7.30: started out almost immediately and took the road leading down the coast: found many of the ferns in common with the P. I.: got a very interesting asplenium? in a lime stone cave. I got pretty warm and reached the boat at 12 just ahead of a shower: had a bath and changed before tiffin.

Put my plants in press in a shed on the wharf. Dined and had tea and then Dr. Osmo came and we picked up the blemens and went for a walk out toward the insane asylum and found many interesting things: got trace of Lygodium dichotomum? Had a most delightful time with Dr. Osmo. Loafed on deck after dinner and went to bed early.

Mon.
Oct. 18

I was up early and had tea and changed the driers on my plants before breakfast.
Chaplain and Mrs. Clemens and I started out over the same road we walked last night. Chaplain killed a long snake about 6 feet, a most beautiful green. Everything was most interesting. I found some fine specimens of Lycopodium dichotomum? and a few other interesting ferns and one little tree which we think may be the mahogany tree. I left the Clemens in the field and came home and had my bath before tiffin. Went out in the native quarter in the afternoon and did a little shopping: got my watch fixed and some money changed and wrote some postals.

We sailed for Kadak at about 6.30.

I put my plants in press after dinner and went to bed on deck at about 10.

Tues.
Oct. 19

I was awake again the sunrise which was very beautiful. We came into Budah at about 10: saw a Chinese junk in the harbor. Roberts the wireless man took Mr. Thompson a fellow passenger and myself down the track and showed us & on the wireless station which was not working on acct. of Rajah Brookes birthday. There was an abundance of Pithecolobium dulce and banyan trees along the way. I collected a few track plants: two Euphorbiaceae a Crotolaria and one milkweed vine.

After tiffin the Clemens and I went out on the hillside: I found the place covered with a fuzzling Lygodium dichotomum? also collected a few other ferns, a fucusine and a compositae. Gathered some Clitoria seeds and some lilies for Roberts. Visited with Roberts for awhile after dinner and then put my plants in press and went to sleep on deck.

Wed.
Jul. 2

[illegible] early, and had my tea on deck and got a distant view of Fine Ham as we came into the harbor of Jersey-ton. We anchored at about [illegible]: finished up my packing and stayed on the boat for breakfast. Paid 1.50 for duty on 400 cigarettes and my cab and then we took our things on the train and left them off at the Rest-House; The Chaplain and I met The Resident on the street; then took the train to call on the Gov. Gen. but he was busy with his mail and could not see us: so we went [illegible].

I spent the afternoon in getting settled, running around the town and doing some shopping, getting off some postals and examining the drives on my [illegible].

collected an aneroid and inch diameter, each [illegible] and collected some [illegible].

[illegible] Home is a very comfortable place and we are very happy here

Thurs.
Oct 31

Turned around a little in the morning but had to be cautious as I had on my last white suit. At ten the Chaplain and I went up and made our call on the Gov-Gen: found him a fine type of the Britisher: he was pleasant: gave us some maps of Kina Balu and a letter to the Resident.
We walked home and my first collection was a member of the grape family. The Chaplain stopped to talk with the school masters and I did some collecting in a salt marsh where I got a Hydrocotyl and a Burmanniacea.
At three we called on the Resident and found him a very pleasant keen shrewd sort of chap and offered to render us any help he could. Worked at my plants the rest of the day and collected a few things.
At night Mr. Clemens and I indexed a part of Miss Gibbs report of Kina Balu. We had a fine view of Mt. Kina Balu from the Governor's Office

Fri
Oct. 22

Was up at six and had my bath. Mrs Clemens got into her overalls and we climbed up the hill to the Customs Quarantine station but could not see Kinabalu. We discovered a large swamp over the other side and made for that and found no end of interesting things: ceratopteris thalictroides by the thousand. We waded through the swamp after edges etc and a about 11 o'clock we were loaded down with things: Mrs. Clemens wanted to continue on but decided that matter and came home. Put a few things in press after tiffin and then I went up through a ravine on the hill side after a certain fern? which I found in quantities: Kept on through the jungle up to a path and followed that down to opposite the Customs House: got some interesting ferns, a adiantum or lindsaya? Worked until 10.30 at my felgate and writing up my diaries

cah.

Oct. 23. It was raining when I got up but nothing daunting we fixed for it and took the 8.47 train out to Victoria Barracks. An Englishman asked of the Chaplain "who the little chap was" meaning Mr. Clemens who was in his overalls and midday blues. We walked up through the golf course, collected some sun-dew and a new fern of Blechnum in a swamp. Walked through a rubber plantation and then struck upon a hill-side where we found two localities for the pitcher plants, Nepenthes gracilis, the thing we set out for; collected many other new and interesting things. By chance we came by Mr. Roberts' house but could not stop on account of the rain. Put in plants and changed driers and talked over things botanical. Wrote a set of postals. The Chaplain then up a piece of mine by mistake. I wrote up my diaries and and got to bed at about 11.30

Sun
Oct. 24

I was awake early and heard it raining but as I have practically finished my collecting here at Dexter, did not mind. Got up at seven and had my bath and then breakfast. Changed my dress in the engine house across the street.
The clouds went to Chinese and I walked down the beach by the custom house & collected an Isoëtes and a few ferns and fertile fronds of one that I have tested many times for.
Also looked for shells but only found three or four.
I had a stiff climb up the hill through the bracken and then followed along on top of the ridge & got in just before one and had my bath and changed clothes. Put some plants in press and changed dress again. Went up to the business part of town and bought some candy. Began a letter to Lina & Dora and finished

Mon
Oct 25

Had heavy rains during the night; we up early and went to the engine for my frocks and found the whole thing a mass of cinders; a most disheartening experience; later it went down and down under. I managed to dig out a few things with the blankets and it put in new frocks. I saw Chaplains and called on the Resident to make a few inquiries and then we did a little unpacking.

In the afternoon we began our preliminary packing and tying things up preparatory to the hail. I had to buy paper to replace my drivers.

It has been steaming most of the afternoon. Had a little chat with a fellow who has just come in from Kota Belud.

In the evening I finished my letters to Sing Nora and sent them and went into bed at about 10.30. I begin to feel now as if I should get to Sing Kalan

Sat. 26 I was up early and had my bath and before breakfast walked up on the hill and had a view of Rains Bain.

Loaded after my plants and then the cheque in and I did my final shipping. I wonder what we have forgotten.

I went to the bearing and did some money changing and also deposited some money with Darby & Co. Roberts dropped in for a chat and then I did some more packing. Took all my plants out of press.

I took the 4.20 train up to the hospital station and walked up to Roberts home; we had some tea and then we took quite a long walk and nearly lost our way but got in at dark. I stayed for dinner with him and had a chat later: walked home and finished up my packing and turned in between 10 and 11. Nora had a strenuous day of it.

Wed.
Oct. 27. There was much noise on the street last night and that with my thinking of our getting away disturbed my sleep. I finally got up at about 5, and was ready with my luggage at six. We were in the boat for seven but did not sail (The Hing Bahn) until 8. Had breakfast aboard and had a fine sail up the coast with good views of Mt Hing Bahn and arrived at Tsunkan Bay, apparently in town at 11. There we found coolies to take our luggage and after a walk of a mile and a boat ferry we found ponies and pack cattle. "Canfield" my man rode my pony and I walked fully half the way: much of it through a low swampy plain and I got peltry wet. I rode the latter part of the way and we reached Mota Beland at 3 and found Mr. Brattenbury the District Officer waiting for us. Went to our house and later to Captain and I dined with him. I stayed for a drink after

Wednesday to Mota Beland. 7 to 3. miles.

Left for Brattenbury's house

Thurs.
Oct. 28

I was up at [illegible] from six, had my bath, a couple of crackers for breakfast and then packed up and at eight we started with 2 coolies and 3 porters. "Canfield" and I have taken turns riding all the day. All the forenoon we rode through rolling country and at noon stopped for tiffin of sardines and crackers: my first meal and it tasted mighty good.

We had a long stretch of rolling and more or less cultivated country but later in the afternoon it began to get more wild and rugged and our path wound around the hillsides through thick jungle.

Quite late Mrs Clemens and I walked ahead and it was dark 6.45 when we got to the rest house at Wabayo. The coolies came a little later: we had a dinner of salmon & crackers and a dessert of Mackintosh Toffee

Wota Behed to Wabayo 17 miles 5.30 pm

Ind.

Oct. 29 I was up at six and went to the river for my bath: We had our first rice and bacon for breakfast. I started out for Kaung at about 7 leaving the Chaplain and Mr. Clements putting up plants. Canfield walked with me and carried my press: I saw many interesting things but collected almost nothing but fevers. I lunched along the way on my can of rice and bacon and did not even see the Clements during the day. Canfield and I got into Kaung at about one and cleaned up the cash house and when the coolies came I ~~fixed up the house~~ unpacked my things, put my plants in press wrote up my journal and a note to Bettelbery and had my dinner at 7. The Clements got lost out in the dark and the men went out with lights for them: they got in at 8.15. I had my smoke after dinner and went to bed at about 7.

Kabaya to Kaung 12 Miles.

Oct. 30
Sat.

I was up at six and went down to the river for my bath: we had an apology for a breakfast and then we packed up and all left Kang together: had to wade the river several time and then we climbed up some hills and kept on the rise most of the time: had some wonderful views of Nina Balu along the way. I saw but very little in the plant line that I wanted to collect. We got to Kian at about one just ahead of a little sprinkle, the first rain we have had since we left Jemelton. I have spent all the afternoon in fixing up the house and getting things settled. I seem to be only a convenience to far as the boiments are concerned. Sumpah the present chief and Sumsat and Lawat called on us and showed their letters of recommendation. We had dinner by candle light and I soon went to bed

1100 Kang to Kian 3060 ft 8 miles

Sun.
Oct. 31

I was awake several times in the night with different noises and got up at six and washed at the village spring. Bought some very good bananas this morning; bought oranges & pomelo yesterday. After breakfast while the Clemens were having family prayers I went for a little walk and collected a few ferns and a bejuco it looks like a rainy day and the clouds cover King Balu.
Put my plants in press and showed "Banfield" how to change driers.
We had a picked up lunch and then I walked a little way towards Tuang and collected some of the old familiar ferns and one orchid in fruit. Our "public reception room" has visitors all the time. Bought a chicken and are planning for a real dinner.
Banfield our cook turned us out a really fine dinner to which we did justice. Then I had my smoke and went to bed with my clothes on.

Mon.
Nov. 1

This is my 54th birthday. I had my usual preliminary performances this morning and at about 9 I packed up some crackers and chocolate and started out with Sumphat, Havilandi's guide. We went straight up the hill back of the rest house until we reached the ridge, followed that for awhile and then dropped into the valley on the other side, collected a curious commeline and some more of her curious ferns. I tried to follow the stream up to the left of the pass but it was choked with dead bamboo; found a path up to the left and I climbed up that and ate my lunch facing the Marai Parai? spur? came down again and crossed the valley and collected a much curious parasite? at the base of a tree. Reached home at one ahead of a rain. Put my plants in press. The Chaplain has been deluged with with orchids brought in by the Dusans, Kubphe, mushe and bed. A delightful day.

The Chaplain and I squared our accts and he paid me 16.05 to balance things to date.

Sun

Sep. 2 I was up early, bath, breakfast writing up journal, changing dress and after the blacks left I took old Sumfrah and started down one of the gullies for the river: old Sumfrah has seen his best days: objects to anything but the good baths and open country. I did not collect much excepting some common ferns. Got to the river soon after 12 and had my lunch there and the rain set in soon after and I had a very wet time of it! followed up the river awhile and then came up another of the gullies and so home.

Saw a large mass of an epiphytic orchid (maroon & yellow) which the ~~Dreers~~ ans had been bringing into the wet house.

Got home at about 2. had mess lunch, dry clothes, changed dress and did some loafing.

I looked after dinner, then had my smoke, looking down the valley from my door.

Was in bed before 8

Wed.

Nov. 3 I was awake quite early and up before six. Looked after the breakfast, changed some dress and at about 10.30 I took two small Dusans with me and climed up the ridge back of the rest house and descended down into the same valley where I went Monday but I went down the stream instead. I found quite a few ferns to collect, some of them new and others familiar. Climbed straight up out of the gully and came to the edge of a rice field where I sat down and ate my lunch, then climbed up on to the ridge again and followed it on to the end, on the top I collected my first bamboo. Reached home in time for a late lunch then came putting plants in press, changing dress, supper, a smoke and then the writing of my journal and then to bed

Tues,
Nov. 4

I was awake during the night and was up early. The Chaplain and I packed a few things and at 7.30 we started with Lamah as guide and three other Iranuns for Lobang Cave. We very soon drifted down to the river bed and followed up the stream for a long time, fording the river many times, usually by jumping from rock to rock and found it pretty strenuous: for the sole leaves from my shoes and we tied it up with a string. Collected a few ferns along the river. After we left the river I found the growth much more interesting and we had some very steep climbing and at 1.30 we reached Lobang Rock, a gigantic thing which affords good shelter. We built a fire and had our lunch of rice and bacon. It rained all the afternoon and I dried the clothes. At about dark we had our dinner of rice and sardines. We fixed up our blanket roll and went to bed soon after both under the same blankets.

Friday
Nov. 5

Did not sleep any last night as I am used to sleeping alone. Was up at eight and went to the stream for a wash and then I tried breakfast of salmon and biscuit but it did not go very well. The Chaplain had a great display of orchids and at 9.30 we started on the return trip to Kian. I collected quite a few ferns on the first part of the trip and Chaplain found a large white orchid about 6 feet high. It did not seem so long this time before reaching the river. I made a miscalculation on a rock and landed in the river and got quite wet. We stopped 12.45 for lunch under a big rock. Near the bamboo bridge we took a new trail that led up along the hill side. I was very tired when I got in. Had some tea, a bath, dry clothes, looked over some plants, supper, finished up my journal and then to bed. The Chaplain and I rate the trip a great success

Sat.
Nov. 6 Did not get in as much sleep as I expected to last night and was up at day-light. After breakfast I put my new plants in press and changed drivers. Put my blankets out in the morning sunshine but we had a little rain before lunch time.

I have had rather a lazy day of it: in the afternoon I fixed up my shoes, wrote up some field labels, stood around and watched the Chaplain put up his orchids and we have had some talk with some of the head men like Sumpah and Lamah about going to the top of the mountain. We added cucumbers, to the list of our vegetables, at lunch time.

We had our usual rain in the afternoon and after dinner I sat at my front door and smoked and watched the night come on. This is a wonderfully quiet and restful place.

Sun.
Nov. 7

I was up before it was fairly light and looked after the breakfast: made a mess of the prunes and oranges which I had cooked. The Chaplain and I walked up to the newly made grave on the hillside and then down the slope, then came back after Mrs. Clemens and with three small boys we went up on the Grandlaw Spur which we found much interesting, and I brought back a lot of new ferns, some cones, chestnuts and other new things. Got in at about 12 just ahead of the rain. I put my plants in press in the N.M. and changed all my traps. Then I washed after our chicken dinner which we had a mount dark and then I came in at my private door and watched the light fade in the west and the darkness come in until only my 3 cocos was all that showed against the sky. Smoked into the darkness and then to bed.

Nov.

No. 5 I was awake with the dawn again and up early. No collecting to day but I felt very tired coughing so I sat on the Kumsan Spur where we came yesterday. It was a beautiful bright sunny morning and I improved it by putting up drying racks and changing them twice which kept me very busy all the forenoon. In the afternoon I sorted out some clothes which I did not wish to take on the mountain and changed my dress once more.

In the morning Sumpah and Lamah and a "holy man" made the arrangements for our going to the Lōpi & paid $1. Boner money for chickens and eggs for the spirits. Sumpah is walking but late in the afternoon came to the house for the first time in 3 days. For dinner we had "Kladi" stalks cooked as greens. Only fair. Tried the women stew on my fence but it buckled them so I sat at my door and watched the night come on again

Inez
Nov. 9

I was awake very early and up before daylight and sat at my door and watched the day come in. At breakfast Mr. Clemens showed me some specimens that a boy had brought in and we took him up on the western slope of Gunlan Spur and collected a quantity of it in a newly cleared rice field.

Came home and had time to dry some clothes and change dress before noon.

It was rather rainy in the afternoon, and I began the packing for the mountain; I fixed up the "chow" & some clothes and specimens which I took up to Sumfrati house in the late afternoon. Nearly all day the house has been full of coolies and Humpoh has been around and I think tried to stir up some discord. Had a late dinner and then I sat at my door and smoked and watched for the night.

Wed
Nov. 10

I was up at 5.30 and aired up the boys and then came all the trouble of packing up and getting off. Mrs. Blenis insisted upon drying fruit and delayed packing. She and Chapleau left with some of the cookies at about 8. but I waited until about 9.30 to get someone carry his trunk. Had a wait near the gorge for another cooly for the same thing. I found some ophioglossum by the way. Early in the gorge I succeeded to fall in the river and tore the heel of my other shoe. Then it began to rain. I stopped at the big rock where I am to leave my "prospector sand factory" for a little lunch and again just before I left the river I finished it. Had the climb up to Lobang Rock in a down pour. Found the Blenis all dry in bed while for the trunk I blew in at about 2.45 wet, cold, cross and tired. Got into dry clothes, had dinner, songs by the Blenis for the benefit of my display of temper, a smoke and then bed on the ground.

Thurs, Nov. 11

We are very comfortable for seven. every thing is all right in a week and everything and I am work all all in here with Paka-Paka; I long for the rest home at Tokaanu

and the news from my dears.

Found not sleep last night and was up early and after a cold breakfast I got into my wet clothes and at 7.30 the Colonel and I left at 7.30 and the visitors were picked from Whole Road looked after the coolies. We got to Tamburenzano at about 10 and made a little step and found some interesting things. The Colonel left me there and I moved on slowly and soon the rain came on and as I went higher up I got very cold and had much difficulty in climbing and getting my breath. I saw many interesting things but was so cold and wretched that I did not care for plants. I sat down in the rain and ate my lunch in the rain then felt better and reached Paka-Paka at about 4. Things were very wet but I had dry clothes and soon felt better. "Canfield" was done up and made a great fuss, said Sherlock Holmes, the Blackplains Chinaman was finished.

ii

Nov. 12 I was up early as I could not sleep on account of the cold. I had a session with "Canfield" in regard to reform in his house keeping arrangements. The Chaplain went down the trail to see about the Chinaman "Sherlock Holmes". He took Sumpat and Babar, the only men then we went with them up to the Sacrificial Rock where they deposited raw & cooked rice, egg, cheese, betel nut etc and went over their sling of charms and called to the mountain, Turned around camp.

I was about 3.30 & took my boy and went down the trail towards Pambuangan to find the Schizea in a "grassy place" I collected some along the way and then walked until five but could not see it. Had some most wonderful views of the valley below and got back to camp at about 6 I looked after our chicken dinner, our chicken being the only one that survived the trip up, and then to bed.

at

Nov. 13 This was the day for our ascent of Kina Balu (Pumpah, the native name) We got off at 7.30 and at the "Surgical Rock" the Captain fired a salute of 1 gun, the other shell would not go: soon we came to the Granite Cap: some of it very steep and smooth but later we followed the seams in the rocks. Had some fine views of the valley below. Stopped to collect along the way and I found a buttercup in bloom. When we came up through Low's Gully? we found it very cold and somewhat foggy and the natives, Sumpah, Lamah Bayay and 4 others sat down to consult. Lamah took the lead and at a little lake near the base of Low's Peak we found a little sheltered nook and had our lunch of crackers, cheese and chocolate. Lamah again took the lead and we climbed to the top of Low's Peak collecting some ferns, and almost everything that grew, by the way. In a cairn at the peak we found

several bottles containing the records of former ascents. viz Capt Learmonth Royal Navy and party who made the survey of the top. Miss Gibbs who made the ascent for botanical purposes. Foxworthy of the Forestry Bureau Manila. Maulbin of the Sarawak Museum? Pilz? and some others. It was bitter cold we deposited our "Pin Money Pickle" bottle with our record and then came down. I found a very delicate little parsley on the way down. We packed up our plants. I had a smoke to warm me and we turned over our specimens to Lamah Sampah & Banyang and much regretting our entire lack of any view from the top we began the descent on the same way. We collected some by the way and I came on ahead with Lamah and my boy and got into camp at 4. A very successful trip considering the time of year and weather. Dry clothes, supper. a smoke and then bed.

Sun.
Nov 14

Could not sleep last night and and when I got up in the morning I found my feet, hands and eyes all over bad, water from the cold I think. Put my plants which I had collected for the last two days in press* and by that time it was noon.

Again I started out with my boy and went down the hill a short distance where I found the ichigea and collected it to my hearts content.

In the forenoon I took my boy across the stream and collected a little.

On my way back in the P.M. I collected but little and after coming back to camp I put all the things in press and changed dress and waited for the boiler for dinner which we had by candle light. Have an enormous appetite. This is to be our last night at Paka-Paka for which I am very thankful.

Nov.

Nov. 15 Slept a very little last night for the first time. There was all the confusion in breaking camp and we had what could hardly be called a breakfast. At 8.40 I started with Sumpat and my boys for Lobang. I loitered at the first open place to enjoy the sunshine and collected to my hearts content. Took it very slowly and was glad to get into the warmer altitudes. Had a wonderful fine view of "Punjab".
At about 5.00 feet above Wanbuwangan Sumpat showed me where Ong Sui, the Chaplain's China man "Sherlock Holmes" was buried. He slept high on the mountain which he wished to do as a pilgrimage.
At Wanbuwangan I stopped for lunch and had sunshine and rain together. Found the way down very steep and slippery, and I reached Lobang at 4.45. Not too dry, however, making camp and supper of oysters and eggs, a quiet and very entertainment

Tues.
Nov. 16

I had a good sleep last night the first for some time. The swelling was not all gone out of hands & feet. I was up early and busied myself about camp all the forenoon in trying to dry clothes, papers, drying, going through my specimens and sorting out my collection of yesterday.

After tiffin, which we had on a small plank elevated on stones which the hospitals had been gathering, I began putting my plants in press. It was a much pleasanter occupation than the things and more fitting for an invalid fern and had a cup of hot water. Then changed the drying on my big press of the rare plants.

It began raining heavily soon and it poured most of the P.M. The rainiest day we have had.

Langfield cooked us some corn meal mush for supper which we ate with milk and molasses and enjoyed very much.

Wed.
Nov. 17

Either the heads or the arms greens offected my kidneys and I was up three times during the night.
Was up at about day light and after breakfast I took Sempah and my boy and we drifted down the Niam Kail awa[illegible] and then followed up a [illegible] until we [illegible] were above Lobang Rock
I collected quite a goodly number of ferns and had some hemendous steep down hill going.
I fixed up my plants in the afternoon which is always a pleasure.
I had all my work out of the way early and looked after our supper of rice and bacon and had to wait for the blemmes until after dark. We had some rain in the afternoon but it cleared up before dark.
Had our supper by lantern light and sat up until 9 o'clock which is very late for us.

Nov. 18

did not sleep [illegible] at night and [illegible] at daylight. Soon after breakfast the Chaplain, [illegible] and I started out to see the falls of the Tadamaan [illegible] collected [illegible] on the way back I did not get a very good [illegible] with the Chaplain and [illegible] and I [illegible] until we reached the Pontianak trail and then back to Lobang at about noon just ahead of the rain.
The Chaplain came in later having had some [illegible] for lunch. Put my plants in press in the afternoon and then began my packing up. Have been [illegible] the idea of going [illegible] for a week alone; the Steiners deciding to stop at the Lobang campong.
As usual we waited supper for the Chaplain until after candle light. Thank God it is my last night under present conditions

Fri.
Nov. 19

Got up at midnight thinking it was morning: found the crew cooking their chow and I awoke "Bangfield", looked at my watch and then went back to bed. Got up began day big, did some hasty packing and eating breakfast together, and I got off with my cooliers at about 8.30 with Sumpah and my boys. Did some checking and found the river rather high but Sumpah helped me wade were it was very high. Stopped at the big rock and had some lunch in the sunshine. Now been so pleased with the idea of being at Kian alone. Reached Kian at about 1.30. Had some tea and iced and began [illegible] when the blessed blew in. The greatest disappointment since I began my trip. Had to change my things around & the old regime of being a conscript to the blessed began again. Had an early dinner, a smoke at my front door & then bed. Am not at all happy

Sat.

Nov. 20 I was awake very early and had a nap while the day came in rainy and cloudy. My housekeeping for the family began again. I put in the the morning going through my presses and taking out a lot of dry things. They looked better than I expected. I had just finished up this work when Mr. Buchenburg, D.O. from Vista Blud arrived. I stopped my work for a visit with him and to lunch after the tiffin.

Then I fixed up my plants that I collected the day before and finished that up at about 3.30. It has been a [illegible] sort of day, raining off and on.

I gave up the [illegible] the pleasure to visiting with Mr. B and looking after the culinary department. Mr. B. contributed up cured fish to our course dinner and I fried some mush. B. and I had a little chin over some whiskey and water before going to bed.

Sun,
Nov. 21

We did not get up so very early and took our time with our breakfast. After breakfast I sorted and packed in envelopes and [illegible] of [illegible] the dead Chinaman's (Sherlock Holmes) things: I bid in his blue coat for my boy. B. left us soon after and then I took Sunfish and a boy and went up on the Gunlan Spur and did a lot of collecting. Found Helminthostachys? and several other good ferns. Did not get back until after lunch time and we finished up the rice and chicken left over from breakfast. I put my plants in press and had a big [illegible] tea.

It has been rather rainy and windy and I worked with my door shut.

We had an early dinner. I tried to write up my notes by candle light but soon gave it up and went to bed.

Mon,
Nov, 22

I was up early as usual. and it was a beautiful clear sunshiny morning. We had a very lunch, as the Chaplains and I took Sumpah and 4 boys and started at 7.15 for the Marai-Parai Spur; went over the ridge back of Kicus, then two lesser ridges of rice fields, found Ophioglossum in one. Crossed the Dahambang river and then up on a ridge which Sumpah called Marai-Parai Spur then dropped down to the Kini taki river, very small and then up a steep slope to a cave under a rock (12,15') which the natives call Sudikon, Had some cold lunch and then went up on the open spur of Low, St. John, Novland and Miss Gibbs, Found Schizea and many interesting ferns on the way up; also Stephenitis Rajah (?) Had a heavy rain, Sumpah fled to camp; I went back, changed my clothes and we had hot rice and corn, (the Chaplains salmon) for dinner, then a smoke and to bed.

Tues,
Nov. 23 Was in such a cramped place last night that I could not sleep. Sat up and watched the fire and roused the camp up at 5.15. We had some hot breakfast and got into our smoke dried clothes. Went back up to the open spur and then Sumpah let us go into the jungle instead of showing us the trail. Finally found the trail and we climbed up to about 7000 ? and at 10 turned back to camp. I found another fine and thirty nepenthes. We had some cold lunch and packed up and at 11.45 we started for home. Had but little rain on the way back and the trail was the best we ever had, and almost no collecting and got into Ticin at 3.30 Had my bath, then a chicken dinner, then Chaplain and I settle up finances and then we all wrote up our notes by candle light. I noticed one ant in the bedroom outside

W.d
W.24

[illegible] with a [illegible]
with the winds and [illegible] out
and a [illegible] day [illegible].
We were [illegible] [illegible] [illegible]
I went through all my ~~[illegible]~~ prene
and took out the dry things and
changed them on the other. By
that time it was a stop for early
tiffin. First I had Sampath help
me fix my dry things for slip-
ping and then put my Varai Pavai
things in prem and were [illegible]
tired out when I got through.
It has been a beautiful [illegible]
day all day, the finest one we
have had at Kiam. I settled
up all my financial obligations
with the natives & [illegible] over
the home-keeping to the [illegible],
I wonder if they will [illegible] to
death. My last day. [illegible] Kiam
placed [illegible] lighted [illegible]
The Kiam [illegible] pour - with [illegible]
to me [illegible] I [illegible] by my door
for my [illegible] more [illegible]
very good dinner, Sampath [illegible]
me with a [illegible] to the [illegible] [illegible] I
[illegible]

Thurs.
Nov. 25

Thanksgiving day. [illegible] early this morning and after a good breakfast I finished up my packing and Chaplain and Mr. Coleman came down the trail a little way as I said my farewell to Vieng at 7.30. Even the oriole rang me a farewell. Would love to live a year at Vieng if I could be alone. It has been a bright and beautiful day and I soon dropped down the mountain with my boy and six coolies (3 missy) crossed the river high up the stream and came into Vieng a different way from what we went up: more attractive. Reached V. at 10.15 and had a little lunch and a smoke. Then I unpacked changed my dress out in the sun, collected a few ferns, two new ones as far as I can tell and that has made up my day.

Somehow there is a relief that I am alone. Had a dinner of rice and sardines. A lovely sunset on Vina-Balu, like the "Alpine Glow" and then to bed soon after dark.

Fri
Nov. 26

Was cold during the night and got an extra blanket. Was up at 5 and stirred up the volcs packed up, had breakfast and was off for Tibayo at seven. It seems good to have a wide smooth trail and move. I stopped all along to collect, some interesting Selaginellas, some new ferns, one a beauty and quite new to me and as I came to the rest house at Tibayo a new Lycopodium for me. The Rest House looked most attractive in the sun in comparison to my first impression after dark and the prospect of no supper. It has been clear and bright, hot for the first time for weeks. Lunch, a bath in the river and then fussing with plants took up most of my afternoon. It was raining for a time but finally cleared up.

Sat.

Aug. 27 I had a nice lazy day in bed and was up soon after five, packed up first and then had breakfast and left Tibaro for Khota Belud at 7. I walked for the first two hours up over the ridge and down to a little stream, shady and very beautiful. At about 9 I took the pony and rode and my boy as well as the one in charge of the horse chopped behind. It was hot and fine in the sun. I got into the next house at 11.30 and and waited for my boys to come with my lunch. Left there shortly after one and reached Khota Belud at 3.30: Mr. Brockenbury (P.C.) is away but I took possession of his house. Had afternoon tea seemed mighty good, fixed up some specimens, went to the office and then wrote up my notes did a little preliminary packing and then turned to bed. I'm pretty well tired out and am a little sore from riding.

Sun,
Nov. 28

I was up at about 5.30 roused up the boy, had my bath and made a breakfast off of tea, bread and jam. Had to wait for the syce to bring the horse and for the coolies to pack up and set off at 7.20. Walked for an hour and a half over the foot hills and collected two flowers and some fruit of Gardenia Merrillii and a Lygodium, then rode the pony in to Tenghilan which I reached at 12.30 and expected to meet Bracebury but heard he had changed his mind. Had lunch and waited for coolies until 2.45, then took a boat down through the mangrove swamps, a little rain in the meantime; reached Tajem at 5.15 and found a pony & coolies waiting for me and I rode into Tuaran in about an hour, crossing one deep river in a boat. I stopped with Mr. Beck D.C.? whom I found most hospitable. Had a drink, and bath and then we had dinner together and a chat. It has been a most frightfully long day and I am about as tired as any day of my trip

Mon.

Nov. 29 I was out at 6 and had tea and went with Brackenbury, Cook and two chaps who were stopping with him. I started out at 7.15 and rode a pony to Mengtabong, saw Marzilla and a fireworks but did not stop to collect it them. At Mengtabong I took a boat and came down the Tuamain River and after two hours walked over a little ridge and then took another boat with six men and set out for Jesselton, had some rain later after I got within sight of J. a very bad storm came up, the rain came down in sheets, had very heavy wind and the sea was so bad that we shipped water, could not see any land and we had to change our course and I thought we would never reach land. It finally slacked up a little and I got into the Customs at about 3.30 and got to the Rest House just ahead of another storm four. Had tea looked up my luggage, opened up my clothes and specimens which are wet, had dinner & wrote up my notes & almost the most severe aching day that I had.

[illegible]
Feb. 3

[illegible] rose rather early and had to read [illegible] in my room. Opened my packages of new things, fixed up some laundry, wrote some cards, then to the P.O. and with the 10 o'clock train to [illegible]. [illegible] paid my respects to the [illegible] [illegible] [illegible] [illegible] [illegible] learned [illegible] [illegible] [illegible] of [illegible] [illegible] to the [illegible] [illegible] Lina Baker. Came in the train back and then called on the C. H. Parrot the President. Then came to the house and put all my new clothes and papers out in the sun and some [illegible] time [illegible] fresh in a [illegible] sand [illegible] [illegible] all my specimens and made quite a little progress.

Went and did a little shopping and finished reading Chamberlain's dispatch.

Tried to write up my notes in the evening but I was so tired and [illegible] [illegible] up and went to bed.

Wed.

Dec. 1 [illegible] and [illegible] in [illegible], after a bath and breakfast [illegible] drove out in the rain and [illegible] the [illegible] opposite [illegible] a few [illegible] burned in the fire. Got into an [illegible] jungle and [illegible] tried out [illegible] Put the plants in press [illegible] things all the rest of the forenoon.

Had some [illegible] and made progress in setting things in order.

Went up to the P.O. and there met one of my fellow passengers on the Ping Suey who invited me out to dinner but I had to decline.

Had a sprinkle early in the P.M. Went to Darby and bought my ticket to Canadaseg; found that my boat is to be a little late. Took it easy in the P.M. and read "Esther's Child" by [illegible] de la Ramée. I was rather tired and went to bed at 10.

1 mis.
Dec. 2

[illegible] rather [illegible] and [illegible] in the night; [illegible] cold enough for a [illegible] [illegible] the time. [illegible] enjoyed the luxury of tea [illegible] in my room. [illegible] trash [illegible] [illegible] some plants [illegible] green and also box and there is [illegible] in my trunk which [illegible] much, tied [illegible] and [illegible] progress and after [illegible] [illegible] the [illegible] in [illegible], hard [illegible], some [illegible] are [illegible] damaged.

I walked up to the [illegible] [illegible] all the teachers about decorating some pictures for the Chaplain; found him an insufferable prig but finished the work to suit the Chaplain. Collected a couple of boxes and then did some shopping. Had some crackers and milk in the forenoon a luxury I could not have in the mountains. After tea I undressed and loafed. Put on my clothes for dinner and wrote to Roberts and began my letter to the Chaplain.

Fri.

Dec. 3 I was awake early and up before daylight. Had my tea and went on my balcony; fussed a little with plants, had breakfast at 8.30 and took the 8 o'clock train to Victoria Barracks, walked up the wall round and collected a lot of the Blechnum in the swamp and then around through the rubber plantations and saw the sap (latex) running, then came around by Mr. Roberts house which was shut up, ran to catch a train and then found I was an hour off in looking at my watch. Got home soon after ten, fixed some plants out in the sun & then had my cup of crackers and milk. After tiffin I went down the sea shore after a Lindsaya and found a little fern, a new something like a Leptochilus. Put my plants in press before tea. Had some heavy rains in the P.M. The Missions School teacher brought back two films with 11 failures. Wrote a little more on my letter to the Chaplain, wrote up my notes and then to bed, a very tired individual.

Sat.
Dec. 4

I was up at 7.10 and had my tea and toast and then breakfast at 7.30. At eight I went up over the hill and dropped down into the garden gate in front of Mr. Clemens and I went out deep; I collected 3 reginellas, 5 ferns, one fungus, an unknown shrub and a bauhinia; was very tired when I got back. Put some clothes and specimens out in the sun and then had some ~~bread~~ crackers & milk. Began my general packing, then pressed away at specimens some more. Went up town and after tea I began packing up my specimens for good; finished them and had my bath before supper.

I mentioned the fear that the Clemens will send us to jail for cutting down a few bushes out of a wilderness & planted it with some bulbs, but the electric is a circuit [illegible] and [illegible] it up [illegible] and [illegible].

Sunday
Dec. 5. I was up as usual by daylight with tea and took us my room and then breakfast at 7.30. At eight I went up over the hill again and dropped down the other side of the swamp and picked up a few things including 3 Lycodiums which brings my numbers up to 602: have no more desire to collect unless I see a new fern. The trees (Spathodea campanulata) with their red blossoms in front of the rest house are a joy to me.
The Selangor came into harbor as I was having tiffin: packed up nearly everything and then walked down to see Capt. Campbell and find she sails to-morrow at 5.30. Changed dress again. Bought some cards and wrote them opened up a bundle of specimens and changed dress. Loafed around and took it rather easy: had my dinner about seven and then went to bed.

Mon.
Dec. 6

Had some heavy rains in the night. I was up before daylight. Had my tea and went up stairs and then breakfast.

The first thing in the morning I finished up my packing, then went to the P.O. and the R.Ry. station for the train to stop for my luggage; had rain and then sun all the forenoon and it was fairly clear at 12.15 when I took my luggage to the boat. A great load off my mind.

I came back to the Rest House for tiffin, then settled up my bill (did not tip the head boy on acct. of the poor service) and then waited for the rain to stop; walked down to the Selangor at about 3.30 changed my clothes and then had some tea. The Capt. had a tea party but I did not join it.

We sailed for Tondah shortly after six: it is quite rough and I was a little uncertain towards the close of dinner: the storm is getting very bad. To bed at 10.

A great relief to have finished.

Tues.
Dec. 7 Had a horrible night of it with the thunder, lightning, wind rain and the noise of the boat: I think the boat anchored during part of the night. Daylight was a great relief. Had to rest in bed at 6.30 and as I had tendencies towards seasickness, my breakfast also and finally got up at 10.30 and had my bath & dressed.

We got into Tindah, in a heavy wind storm at about 12. and it has been terrific all the afternoon with spells of rain: it is the tail of a Philippines typhoon. I went ashore for a few minutes in the afternoon and bought some fresh eggs but it was so windy there was no pleasure in walking. Only one of the British passengers speaks to me - I neither want to borrow money nor an invitation to dinner. Am very thankful we are tied up to the wharf rather than at sea. Watched the storm from deck awhile after dinner and then to bed

Wed.
Dec. 8

The storm howled pretty much through the night but died down some towards morning. Was restless during the night and was up by daylight. Had tea and wash on deck: and we sailed for Sandakan at about 7. I felt lazy and tired and went back to bed and had breakfast there at about nine and got up and had my bath and dressed at 10.30. Loafed on deck until tiffin time. The clouds broke away in the morning and there has been quite a little sunshine but high wind and rough sea. We sighted the Bagayan Sulu Islands in the afternoon.

It has been mostly a day of rest and plain loafing: had a few little chats with a Mr. Maxwell-Hall, Dr. Orme's friend. I sat up on deck in the evening and had my solitary smoke until about 10 o'clock, sail close to some small islands and then to bed.

Thurs.
Dec. 9

We anchored out in the bay at Sandakan about 11 o'clock last night. I was up early and had tea on deck with Mr. Maxwell-Hall. Had my bath & dressed early and went ashore and bought some fruit cake before breakfast. The Capt. and I had the meal alone. I took some specimens out of press, then went to Darby & Co and bought my ticket, & then went around and called on Mr. Matthews & Dr. Foxworthy - changed some money and called at the office of "Herald" and then Foxworthy took me up to the house and Matthews & Dr. Orme joined us at lunch - a very delightful meal. I went down to the boat and Dr. Orme & Foxworthy came down for tea. I collected a little Ophioglossum in Matthews garden & saw some of the Cassia fistula in blossom. We sailed for Jolo at about 6. I am the only 1st class passenger. The Capt. and I dined together, had a little chat on deck later and then to bed.

Friday
Dec. 10

I was up at about my usual time and had tea on deck and breakfast later. Loafed on deck and looked at the white sanded tracked islands and longed to explore them: also spent some time looking over English picture papers. Soon after noon we reached Jolo and after medical inspection we got up to dock at one. Went ashore after tiffin and hunted up a barber. Met Major Chapman & Capt. Tuttle, skipper of the Gilbert: tried to get passage to Manila on her but failed, so Major Chapman agreed to send me on the Transport on Monday. Went aboard the Delagoa and packed up my things & took them to the Jolo Hotel and then went and called on the Fanes and stayed for dinner and spent the whole evening: a most hospitable couple.

I went back to the hotel at about 10.30, a most uninviting place run by an Australian woman, and then to bed.

Feb. 11

I was early for the mission gun, nearly scared the life out of me. I was up fairly early and had a rotten breakfast. I opened up a couple of bundles of specimens and found them all E.T.V. Then I started down to the blind and met Major Chakravarti and took the rest of the fellows in shooting dice for the drinks and listening to stories.

Came home at about one and had some tiffin and then took a long siesta; had a bath but I doubt whether any cleanliness was gained.

I loafed around until time for dinner which was some later.

After dinner I sat out on the verandah and at about 9 strolled down to the stores and then to the Club where a hop was on. Met the Governor (Bohrer) and a lot more officers; more dice and more drinks. Got to bed about 11.

Sun.
Dec. 12

I was such a tired
girl and had to wash
in my room and drain a
ater, put in practically
all the forenoon going through
my specimens and found only
one bundle with any wet over
in and I dried those out in
the sun. Walked around by the
Club but it was very quiet
there. I finished up my speci-
mens after lunch, wrote up my
notes, rested a little, played
some solitaire and about five
went around and called on
the Fames and stayed for a
cold Dutch supper and then
we played some cut throat
bridge at which I won out.
Had quite a heavy shower
late in the P.M.

I walked around by the
Club on my way home.
but it was practically deserted
so I looked over a magazine
or two and then home and
to bed.

Jan.
10. 16

[illegible] cake and [illegible]
and read the and lay in my
room, breakfast late and
then I did my final packing.
I am been seeing most
all of the museum, then could
have read the San Francisco papers and
play solitaire to kill the time.
Wandered down to the hotel
and began the old thing of
shaking dice for the drinks
which was broken up by the
Transport "Leinster" coming in
[illegible]. Walked down to the wharf
and then back to the hotel for
tiffin. Got my luggage down
without any rain and then
Dr. Clark, a friend of Miss Hamilton
and I went back to the
club and then came back
drinks until time for the
Transport to sail, said good bye
to the Power. We sailed about
after 5. Major & Mrs. Simmons
brought me some brace for Sunday.
Walked a bridge game in the
evening & got to bed about 11

[illegible]

[illegible] slept very well last night but could not [illegible] for [illegible] until [illegible] and [illegible] very light.

It was then a very bright clear day and a [illegible] [illegible] [illegible] signals in the morning and then spent the [illegible] of the afternoon watching a bridge [illegible].

Read a little more in the afternoon, watched more bridge and took a nap and then changed my clothes for dinner.

[illegible] evening [illegible] [illegible] [illegible] [illegible] morning. Have no ambition to do anything but watch the bridge game and [illegible] until after 11.

[illegible] been just a very lazy restful day.

Cd.
Dec. 18

[illegible] and had some chocolate and a [illegible] and then my bath at 6.30, I miss my [illegible] [illegible] [illegible]

[illegible] and we [illegible] bridge [illegible] as dressed. We had no ambition to [illegible] read or watched a bridge game or [illegible] and [illegible] a little quite with my clothes.

In the afternoon it was much the same thing over again: watched more bridge and then undressed and had a long lazy time of it and barely got up in time to change my clothes for dinner.

It has been quite calm and smooth all day, just a little rain in the forenoon. We are in sight of land this P.M. - Lizzy & Maidens is truth.

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