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ME STORES

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### Contents for June A Trip to the Center of the Barth

The Coming of the Ice Ry G. Perron Wertenbaker.

he Scientific Adventures of Mr. Food Mr. Fordick Invents the "Seidlitzmobile

The Star Ro H. G. Walle ... Whisperiod Ether

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An Experiment in Gyro-Huts By Ellin Perker Butler The Mulitopet Entire By Othe Adelbert Kline ...... Doctor Harkensew's Servets

Some Minor Inventions By Clement Pensudif .... OUR COVER

Histories in sphede in this meanth's every, "A Tree in the rates of the Engle", by Jules Verns. Here we are not not supply additional above territories above territories and application of the great is measured control the great income feet. COPYRIGHT ACKNOWLED

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Explain a point when the part of the part of the co-off ST 10 and part of the co-off the co-off the co-off the ST 10 and part of the co-off the ST 10 and the co-off on streets, there grades to orner the man-bed offer as few lasts, of \$1.5° C. Inc. to track the field through \$50. for \$1.5° C. Inc. to track \$1.50° including of the Materian are opposited and contact to the stage, given and rest as the publishers. Manage of the stage, given and rest as the publishers.

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# ME STORIES THE MAGAZINE. CENTIFICTION



HUGO GERNSBACK FERE BALL DE DR. T. O'CONOR SLOANE, M. A., Ph.D. Province Editor Editorial and General Offices -. . . S Park Place, New York, N. Y.

tranggant Fiction Today - - - Cold East Towarran

## THE LURE OF SCIENTIFICTION By HUGG GERNSBACK, F.R.S.

this planet. While Edger Allen Pec probably was one of the first to conceive the idea of a extentific story, there are suspections that there were other scientinction authors before him. Pechane they were not such outstanding figures in literature. and perhaps they did not write what we understand an author of anigatifiction, powertheless had enough bis own mind that were only to maferialize oratories

TIFICTION is not a new thing on

There may have been other scientific prophets, if not seventification writers, before his time, but the

In the eleventh century there also lived a Francison mirk, the amering so well as famous Roper Bacur (1214-1234). He had a most asteurding and profile imagination, with baids he foresteen many of our prepertiday, wonders. But an an author of scientifiction, he had to be extremely careful because in those days it was not Passithy" to revelet new and startling investions. It was recessary to disgume the stangarded—to use ember-as a wedminds to surrayed the automishing scientific prophs-

The referrifiction writer of today is notnershot The Vandorde Edine of the Widdle Aporton and fad with formation of the warrend the checked print, the brancheshouse row, the proposition part, the date acceptance property of the parallel part of the parallel part of the parallel part of the parallel parallel part of the parallel parallel part of the parallel paralle

In the farmers Often Marke he posterously prophesied the total

a deprese when he despet to bleve fresh with behalf reems to us, an impossible tale, but in our tinner month we are just as inicidently boday, as were the contemperation of Roger Bason. Website not bearing much in the interval. Even such a communicatively tame invention as the submarine, which was pre-dicted by Jules Verne, was greeted with derison laughter, and he was deposited in many quarters, Still, only facts vosts of the control of the c modern submarine by Verne, it has become a reality writers, frankly impossible today, that may not be writers, training impossible today, the may are to-come a reality tomorrow. Frequently the author himself does not realize that his very fastactic years may come true in the future, and offen he, himself, dees and take his prediction seriously, But the seriously-minded scientifiction reader ab

more fortunate-but not so very much more. It is

width, with the result that such stories prosp an or invention suggested by some author of scients One of our great surprises since we started publishing Amazino Strottes in the tremundous

executed of rical we receive from the we call there prientated in this port of literature. From the mencations for reprints that are coming in, these fines" seem to have a holdy all their care of burn. tions as to stories of which, frankly, we have no scientifiction atories. Some of these farm are our-stantly visiting the book stores grith the expense Scientifiction, in other words forcishes a tremendreader's imagination more perhaps than anything else of which we know.

# A TRIP to the CENTER of the EARTH

Austhor-"Around the World in 80 Days", "Off on a Comet", etc.; etc.



here so effect upon thing treat—which in golds of a belowish known remained as self and medicules as if they had been pel ... My stock to health lingly called those by their real name. "He is only," he said in his cocket mounts, "a forest of number NOFESSOR Harring, chemist, philosopher, with the wood scioles of Gratches, the professor's unineralogist, etc., maile delighting in a rare, word, and Harry's function

ald edition by a famous Incinatio author, sesexpectedly source upon a mysterious parakment, apferror and Harry-kis nephew and comil, who also the heu to the secret code god read the following stoures: "Dessend into the senter of Volus of Sucfole, maich the chade of Scartaria covers bewill reach the center of the earth. I did it .- Arno

The professor decides that they will make the trip and sice reach the center of the carth. Three days judgment-start for lockand and Mount Sneffele,

When they get to Iceland, they are fortunate enough to obtain the revolves of Hams, a true Icelandic quido-ories, stolid and describble. After monerous adventures and interesting encounters and difficult climbing, they much the ten of Mt. Suefele and then descend into its spater-and three following correctly, the directions of the message. So far the party is claim with the wonders of their overcondings as they descond deeper and deeper inthe deeper wells by secure of starda ropes doubled re-assered of the truth of the mysterious message, sobre they noticed a rock, below the grater, bearing

### A Trip to the Center of the Earth By JULES VERNE PART II CHAPTER XVI the sixten of a Gothic cathedral. The great artistic

The Eastern Tunnel IF next day was Transley the 2d of July -and at six elelock in the morning we resumed our journey. We still con-Con tinued to follow the gallery of lava, a perfect return nethwer, as easy of denount as some of those inclined planes which, in yery old Germon houses, serve the nurrose of state-

copes. This worst on notif seventeen reinples past twelve, the precise instant Hens, who having been somewhat in adverce, had anishmly stopped, "At lest," oried my

uncle, "we have received I looked wonderingly about me. We were in the center of four cross within - somber and service tunctels. The question now aroun as to which it was itself was no small diffi-

enity. My mele, who did not wish to appear to have any haritation about the matter before either me or the guide, at once made up his mind. He nointed culativ to the costern turnel; and, without dolay, Besides, had he sutertained any feeling of hesita-

there was no indication by which to determine on a choice. It was alsolutely necessary to trust to The descent of this chicure and narrow gallers through a succession of arches, its course very like

on their may to the faternal cartiles of the alone

and with a stable feelunder for a qualit-or rather can are sure such. But our travelers set through all their trubbles in the end and come barb to tell as all about it. Jakes Verm's automabby counties knowledge, combined

Pollow our travelers through these emiting chapters.

were now following. I could imaging the torrenta of hot, seething stone dutting on, hubbling up with accommuniments of smoke, steam, and sulphureus steach! "Only to think of the consumence." I mused, "If the old volence were once more to get

his not to admire.

seglators and hunders of the middle ages might have here completed their studies with advantage. Hany most beautiful and suggestive ideas of architectured havety would have been discovered by them After passing through this phase of the covernous way, we suddenly came, about a mile farther on upon a source system of arch, such as that edepted and keeping up the wearlst of the roof. Suddenly

> which looked like beaver holes, or the work of feress. Through those nerhad literally to grawi! The heat still remained at quite a mrecetable durree. With an involuntary syndier. I reflected on what the best must have been when the vol-

came of Smelfels was pourstreams of melted lavasil of which must have

I did not communicate these rather unpleasent reflections to my uncle. His only idea was to go ahead. He welled he alid he circhered over piles of fragments, hagolied down heaps of broken lava, with an earmestness and outviction it was impossi-

### At six e'clock in the evening, after a very wearisome sourney, but one not so tirms as before, we not gone more than a mile downwards. My unole, as renal, cave the signal to halt. We

to alone. Our arrangements for the night were very primitive and simple. A traveling rog, in which such rolled himself, was all our bedding. We had no necessity to fear build or any unpleasant visit Travelers who bury themselves in the wilds and denotes of the African desert, who seek profit and

pleasure in the forests of the New World, are compelled to take it in turn to watch during the hours of tude and complete security reisoned apprecia-After a night's expect renase, we awake fresh and

roady for action. There being nothing to detain us. we started on our foreracy. We continued to burrow through the laws, tunnel as before. It was impossiway. The turnel moreover, instead of going down

into the bowels of the earth, became absolutely horimetal. I even thought, after some examination, that we were actually-tending upwards. About ten

clear, that finding the change very fatiguing I was obliged to slarken my page and finally to come to a halt "Well" said the Professor entirely, "what is "The fact is, I am dreadfully tired," was my

carnest reviv. "What," raied my uncle, "tired after a three hours' walk, and by so easy a road?" "Reav spourb. I dure say, but very fatiguing." "Not how can that be, when all we have to do is to

so dramwards." "I beg your parden, sir. For some time I have neticed that we are seing upwards "Upwards," oried my mole, shrugging his shoulders, "how can that he?"

"There can be no doubt about it. For the last half hour the slopes have been upward-oud if we go on in this way much longer we shall find currelyes back in Icoland." My uncle shock his head with the air of a man

who does not want to be convinced. I tried to contipue the conversation. He would not answer me. but once more care the signal of decarture. His sillence I thought was only caused by concentrated However this might be, I case more took up my lend, and recalutely followed Hans, who was now in

advance of my uncie. I did not like to be besten or even distanced. The very idea of being left behind, with the ague. Booldes, if the assending path was more ardums and nainful to clamber. I had one source of scoret conscintion and delight. It was to all appearance taking us back to the surface of the earth. That in itself was hopeful. Every step I took confirmed me in my belief, and I bears already

rays of light which cast back the reflection of the

with my gretty little cosma

splendent lave, it became living rock. The stice vertical. We were new in what the zeological proforcers call a state of transition, in the rectof of Silurian rocks. "I can see, clearly now," I cried; "the sediment from the witters which once cowned the whole earth, formed during the second period of its existence, these achists and these calcaraous rocks. We are turning our backs on the granite I might just as well have kept my observations to myself. My grelogical enthusiasm got the better

lamp. From being coated with shiring and re-

of my couler tudement, however, and Professor Hardwigg heard my observations. "What is the matter now?" he said, in a tone of erest eravity. "Well," eried I, "No you not see these Officered layers of calcareous rocks and the first indication "Well; what then?"

"We have arrived at that period of the world's existence when the first plants and the first animals made their appearance." "You look: examine and fuers for yourself."

I induced the Professor with some difficulty to earl the light of his lamp on the sides of the long windtor gallery. I expected some explanation to burst from his lips. I was very much mistaken. The worthy Professor never spoke a word me or not. Perhaps it was possible that in his prids

-my uncle and a learned professor-be did not like left the region of lave, and that the road by which creter of Houst Speffele. "At all events, if I am some remains of primative plants, and it will be absolutely necessary to give way to such indubits ble evidence. Let us have a good search,"

I accordingly lost no opportunity of searching, when the ovidence I sought for gropped up in the west incontestable manner before my even. It was for during the Silurian period the sees contained no fewer than fifteen bundred different animal and vegstable species. My feet so long accustomed to the treading on a kind of soft dust, the remains of plants and shells. Upon the walls thouselyes I could clearly make out the outline, as plain as a oun

nicture, of the fucus and the Iverpoda. worthy and excellent Professor Hardwigg could not, of course, make any mistake about the matter; but throad on his way with a firm and unalterable step. great deal too far. I could no longer set with produce or compours. I piecoed on a sudden and picked up an almost perfect shell, which had un-

#### "Well," said the Professor, with the most imstamped with the marks of primitive onimals. Since perturbable tranquility, "it is the thell of a crus-

integus animal of the extinct order of the trilabites; nothing more I seeure yeu." "But," oried I, much troubled at his coolness, "do you draw no conclusion from it?"

"Well, if I may ask, what conclusion do you draw from it voorwif?" "Well, I thought-"I know, my boy, what you would say, and you

are right, perfectly and inscatestably right. have finally abandoned the great of love and the rund by which the laws ascended. It is quite peeplble that I may have been ministern, but I shall be unable to discover my error until I get to the end

of this gullery." "You are quite right as for on that is renounted." I replied, "and I should highly approve of your decision, if we had not to fear the greatest of all

"And what is that?" "Want of water,"

"Well, my dear Harry, it can't be helped. And on he went -

CHAPTER XVII Deeper and Deeper-The Coal Mine

N truth, we were compelled to put ourselves upon rations. Our supply would certainly last not more than three days. I found this out about supper time. The werst part of the matter was bardly to be expected that we should meet with water! I had read of the horrors of thirst, and I know that where we were, a brief trial of its sufferines would put an end to our adventures-and our lives! But it was utterfy uncless to disruss the mot-

for with my usels. He would have answered hy some axiom from Plate. During the whole of the next day we proceeded on our towney through this interminable callers arch after arch, turnel after turnel. We journeyed without exchanging a word. We had become as mute and reticent as Hens, our guide. The read it had, it was not to be made cut very clearly, Sometimes there could be no doubt that we were prine deverageds. But this inclination was respective to be distinguished, and was by no means reasour-

ing to the Professor, because the character of the strata was in no wise modified, and the transition character of the rooks became more and more marked. It was a glorious sight to see how the electric light brought out the sparkles in the walls of the extrareous rocks, and the old red sandatuse. One might have forced himself in one of those deep cuttings in Deventhere, which have given their name to this kind of soil. Some magnificent specimens of marble projected from the sides of the enliery; some of an agate gray with white voice of variegated

character, others of a vellow rectted color, with red veint: farther off might be seen sarroles of colorin which therra-tlated somes were to be found in The greater number of these marbles were considerable progress. Instead of the radiosotory trilabites. I perceived the remains of a more perfect order. Among others, the fish in which the ewe of a sectorist has been able to discover the first form of the rentile. It was entite evident to we that we were ascending the peaks of animal life of which man forms the summit. My excellent made, the Professor, appeared not to take notice of these wernings. He was determined at any risk to procossl

He must have been in expectation of one of two things; either that a vertical well was about to ence under his fact, and thus allow him to custime his

descent, or that some insurmountable obstacle would compel us to step and on back by the road we had so long traveled. But evening came again, and, to my horror, peither hope was destined to be realload! On Friday, after a night when I began to feel the gutwing ageny of thirst, and when in consequence appetite decreased, our little band rose and once

more followed the turnings, and windings, the ascents and descents, of this interminable sallery. All uncle felt that we had adventured too far. After about ten hours of further progression progress dull and monotonous to the last degree-I remarked that the reverburation and reflection of our larons upon the sides of the turnel had singularly distinished. The marble, the schief, the colcareous rucks, the red sandstone, had disappeared,

leaving in their places a dark and gloomy wall, rombre and without brightness. When we reached a remarkably narrow part of the turnel, I leaned my left hand assumed the rock. When I took my bond away, and happened to ginnee at it, it was grite black. We had reached the coal strate of the Centrai Earth. "A seal mine?" I coled. "A coal mine without miners," respectful my unds, a little severely. "How can we tell?"

"I san tell," replied my uncle, in a cherp and doctoctal tune. "I am perfectly certain that this gal-

lery through specesive layers of coal, was not out by the hand of man. But whether it is the work of nature or not is of bitle concern to us. The hour for our evening meet has come-let us sun?" Hans, the guide, occupied bimpelf in memaring food. I had some to that norm where I could relonger sect. All I cared about were the few drong of water which fell to ray share. What I suffered it is useless to record. The guide's goned, not suite

half full, was all that was left for us threa! Have ing finished their repest, my two companions hale themselves down upon their years, and found in elsena remedy for their fatigue and sufferings. As for me, I could not sleep, I lay counting the hours sentil The next morning, Saturday, at 6 o'clock, we started again. Payerty minutes later we endicate cares upon a vent exercistion. Prom its mighty extent

I saw at open that the band of man could have had nothing to do with this cost mine; the want above would have fallen in; even now it was only held tocother by some miracle of nature. This mighty natural savera was about a bundred feet wife, by

### AMAZING STORIES about a hundred and fifty high. The earth had evi-

deathy been forced apart by some violent ankterranean commetion. The mean, giving way to a prodigions upbeaving of nature, had split in two, leavearth had nemetrated for the first time. The whole singular history of the coal period was

written on those dark and gloomy walls. A gredoglit would have been able easily to follow the differout phases of its formation. The seams of coal were separated by strain of sandstone, and by a

compact clay, which concared to be remaked down by the weight from above. the length of the read, by giving myself up whelly to these geological considerations. The temperature

continued to be very much the same as while we were traveling smid the laws and the schists. On the other hand very arrest of small was reach offerted by a very powerful offer. I immediately knew that

the colling was filled to excellening with that Jancarous ras the miners call fire-damp, the explosion of which has eaused such fearful and terrible arei-

Hannily, we could illuminate our progress by means of the Rohmicorf apparates. If we had been so yosh and improduct as to evalue this pallery.

torch is hand, a terrible explosion wealt have gut would be left. Our excursion through this wondroes coal mine in the very bowels of the earth leaded until evening. and dissatisfaction at the road continuing still to

advance in a horizontal direction. The derkness dense and opaque, a few yards in advance and in the rear, rendered it impossible to make out what was the length of the gallery. For myself, I began to believe that it was simply interminable, and would

Suddenly, however, at six o'clock, we steed in front of a walf. To the right, to the left, above, below, newhere was there any pearage. We had reached a spot where the rocks said in namintakable ac-

cents-No Thoroughfara, I stood stupsted. The guide simply folded his arms. My uncle was allest. "Well, well, so much the better," cried my unskat last. "I now know what we are about. We are decidedly not upon the road followed by Saknassem. All we have to do in to po back. Let us take one night's good rest, and before three days are over,

I promise you we shall have regained the point where the galleries divided." "Yes, we may, if our strength lasts as larg," I

"And why not?" "To-morrow, among us three, there will not be a drop of water. It is just gone,"

"And your courses with it," said my unals, masking in a severe tons. What could I say? I turned round on my side, and from sheer exhaustion fell into a heavy, but troubled sleen. Dreams of water! And I awake unrefreshed. I would have bertered a diamond more for a shap of pure spring water!

CHAPTER XVIII TEXT day, our departure took place at a very early hour. There was no time for the least dalay. According to my account, we

The Wrong Read had five days' hard work to get back to the place I can never toll all the sufferings we endured trion our return. My made hore there like a man who has been in the wrang-that is, with concentrated and suppressed suger; Hans, with all the

resignation of his perific character; and I-I confess that I did nothing but complain, and downstr. I had no heart for this had fortune. But there was one consolation. Defeat at the outset would probably speet the whole journey! As I had expected from the first, our sends of water gave out completely on our first day's

march. Our provision of liquids was reduced to our supply of Schiedam; but this horrible-new. I will say St-this inferral liquer burnt the throat, and I could not even boar the sight of it. I found the temperature to be stifling. I was paralyzed with fatigue. More than open I was about to full insensible to the ground. The whole party thus halted, and the worthy Icelander and my excellent

uncle did their best to console and comfort we. I could, however, plainly see that my uncle was contending psinfolly against the extreme fatiouss of our journey, and the swful terture generated by the absence of water. Then a time came when I could to recollect anything-when all was are awful, hideous, fantastic green

At last, on Tuesday, the eighth of the recetle of July, after grawling on our knods and kness for many hours, mure dead than alive, we reached the point of junction between the galleries. I by like a log, an inert mess of human flesh on the arid lave soil. It was then ten in the morning.

Ham and my until, leaning against the wall, tried to nibble away at some pieces of biscuit, while deep grouns and sighs escaped from my secrebed and awellen lips. Then I fell off into a kind of deep lothergy. Presently I felt my uncle appressh, and lift me up tenderly in his arms, "Poer hoy," I beard him say in a tone of deep experiescrative I was profoundly touched by those words, being by no mount accontained to night of womanly week-

ness in the Professor. I caught his trembling hands in mine and gave them a gentle pressure. He allowed me to do so without resistance, leoloing at me kindly all the time. His eyes were wet with team. I then saw him toke the sound which he were at his side. To my surprise, or rather to my stapefaction, he placed it to my lips.

"Drink, my boy," he said Was it possible my care had not decrived med Was my uncle mad? I looked at him, with, I am euro, quite an idiotic ampronsion. I would not

understand him. I too much feared the countersetion of disappointment. "Drink," he said senin but I do believe it brought me back to life.

Had I heard aright? Before I could ask myorld the question a second time, a mouthful of water cooled my parched line and throat-one mostleful "Yea," said he, "one monthful of water, the very last—de you hear, my hoy—the very last! I have guarded it at the bottom of my bettle as the apple of my oye. Twenty times, a hundred times, I have resisted the fearful desire to drink it. Bul—no no., Harry, I saved it for you."

was too full to speak.

De, Harry, I saved it for you."

"My deer unole," I contained, and the hig teams relied them my hat and fowerish checks.

"Yes, my poor boy, I know that when yes reached this place, this cross road in the sarris, you would

fall down half dood, and I saved my list drop of water in order to resize you."
"Thanks," I oried; "thanks from my haset."
As little as my thirst was really quanthel, I had neverthless partially recovered my strength. The

As little as my thirst was really quested, I had nevertheless partially recovered my strength. The constrated marche of my threat relaxed—and the inflammation of my lips in some measure subsided. At all overts, I was able to space, "Well," I and,

There can be no distit new as to what we have to to. Water has utterly fulfied us; our journey is therefore at next. Let us reform? While I spoke thus, my unthe eridently avoided ny face; he held down his keed; his open were turned in every pessible direction has the right one. "Yes." I continued, entiting actively here were

tuned in every possible direction but the right con-"Yas," I continued, patting excited by my ownwords, "we must go back to Sneffels. May heaven give us strength to enable no note more to revisible the light of day. Would that we now stood on the

"Go heele," said my undo speaking to himself—
"rad must it be so!"
"Go heele—yee, and without lesting a single me-

ment," I vehemently cried.

Per some mencing there was allesse under that dark and glocomy vallt. "Bo, my dear Harry," and the Professor in a very singular tone of voice, "those

Tow drops of water have not sufficed to restore your entry; and sourage.

"Courage!" I cried.

"I see that you are quite as demonst as before—and attle gray way to discouragement and deman."

What, then, was the man mode of, and what other projects were entering his fortile and authorous levels! "You are not discouraged, all ?"
"What! give up just so we are on the verge of

"What I give up just as we are on the verge of success," he cried, "sever, never shall it be said that Professor Hardwigs retreated."

"Then we must make up our minds to perish," I

"No, Harry, my boy, ortinity not. Go, leave me, I can very far from desiring your death. Take Hoss with you, I will go on alone." "You oak us to leave you?"

"Loss on us to cores you?"
"Loss one, I say. I have undertaken this dangerous and perileus adventure. I will excry it to the
and-or--i will nover return to the surface of
Mother Earth. Go--Harry-once more I say to you

spill My uncle so he speles was terribly control. His valet, which before had been tember, altract woman, by, became harm had sincenting. He appeared to be straightful with desperable energy against the limit of the spill with the

be an unconcerned party, and yet he perfectly well have what was going to believe me. Our greature authorizely indicated the officered reads each wished to failure — and which with their the indicate the other ten undertake. But Hass appeared not to take the silicitude inserved in what we really a question of life and dasht for us all, but waited quite ready to cloy the silicitude which should say no shift, or to resume has despitately within should say no shift, or to resume has despitately start and the interior of the earth.

Row I wished then with all my heart and nost that I could make him underthind my words. My requisountations, my sighs and grouns, the current executin which I should have speken would have convinced that cold hard nature. These fearrind dangues and petits of which the stolid guide had no teles, it would

petti et windt the itolic graids hed no ides, i vouid have patried them out to him—I would, as it were, here made him see and foch. Between us, we might have contracted the obtainest Profusion. If here have contracted the obtainest Profusion is required to be a support of the support of support of the sup

on the indicated the extent of my suffarings. The
in Technolic pacing possible that book and pointed to my
it timels. "Meeter," he said,
to "The master?" I cried, beside myes? with furge—
"randmant inn—I tell you be to not the master of our
lowes; we must fay! we must drag here with out do
was hear may. In your understands my, I ser?"

Three shredy explicited that I had firms by the arm. I tried to make this vice from his seat. I straighed with him and tried to fares him save, My mith now interpreted. "My good Harry, he come," he such. "You will obtain nething from my develop follows: I therefore, listen to what I have to say."

I fooled my arms, as well as I could, and looked my usels is the face.
"This wretched west of woter," he said, "is the one obstacle to the success of my project. In the cuttor mallor, comment of how critis, and

it is true we found not one liquid undersite. It is quite possible that we may be more fortunate in the watern turnel."

My sale reply was to chake my head with an air of incredulity.

"Liste to me to the end," said the Prefetar in his well known lecturing rotes, "While you key yender without life or metion, I undertook a reconneltwring journey into the conformation of this

other gallety. I have discovered that it goes directly decuments into the bowels of the earth, and in a few boars will take us to the old grantife formation. In this we abail unfeathedly find immunerable springs. The natures of the reck makes this a mathematical cortainty, and institut agrees with legic to say that it is no. Now, this it the sections are account.

tion which I have to make to year. When Christoplace Columbus asked of his men three days to discover the Inch of precention, his men sit, serrified, and
largetess, yet gave him three days—and the Now
World was discovered. Now I, the Christoplace
Columbus of this aristorrances registe, only ask of
worl can some day. If, which that time is confreed, in

#### have not found the water of which we are in search. column. Nothing could induce him to sten. I, mean-I swear to you, I will give up my mighty enterprise while had had one yeal throught. My our was boosle on the watch to cotch the sound of a spring. But no

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and return to the carth's surface." Dessite my irritation and despair, I knew how much it cost my uncle to make this preposition, and comstances, what could I do, but yield? "Well," I cried, "let it be as you wish, and may

beaven reward your superhuman energy. But an our hours are numbered, unless we discover water. let us lose no time, but go shead." CHAPTER XIX

# The Western Gellery-A New Rosse

UR decreet was now resumed by means of the scoond gallery. Hans took up his post in front as usual. We had not gone more than a hundred varie when the Professor esrefully

experiend the walls. "This is the reinding forms, trop--we are on the right rood--onwards is our When the whole earth got cool in the first hours of the world's morning, the diminution of the vol-

ome of the earth produced a state of dislocation in figures. The passage was a figure of this kind. through which, ages ago, had flowed the cruptive eranite. The thousand windings and turnings

cient soil. As we descended, successions of lavers comparing the primitive soil appeared with the utmost fidebty of detail. placed in such a marvelous position to study nature in all her real and naked hearty. The secondless red

a mere methine, could not bring to the surface of the earth the objects of value for the study of its internal structure, which we were about to see with our own eyes, to touch with our own hands. Remem-Across the streak of the rocks, colored by heautiful green tists, wound metallic threads of corner of manganese, with traces of pistinum and sold. I could not beln granne at these riches buried in the

entrails of mother earth, of which no man would have the enforment to the end of time! These treespres-mighty and inerhaustible, were broud in the morning of the earth's history, at such awful depths, their torsh! The light of our Ruhmkorf's cell, ingreased tenfold by the myrind of prismatic masses I could fancy myself traveling through a huge hol-

extracedinary effects. Towards sax o'clock, this festival of light began sensibly and visibly to decrease. and soon almost reased. The sides of the millery no. sumed a crystallized tint, with a somber hue; white -the stone which is hard above all, that augments. without home erpohed the four stories of the certh's soil. We were walled in hy an immonse piessant sound of felling water fell upon my listening our At last the time came when my limbs refused to longer carry me. I centended heroically against the terrible tortures I endored, because I did not wish would be the last fatal stroke. Subjects I felt a deadly faintness come over me. My eyes could no longer see; my knees alook. I gave one despairing

"Hele, help, I am dying! My trude turned and slowly retraced his stems one neutrose to escape, in bollow accents, from his line-"All is over."

The last thing I saw was a face fearfully distorted with para and sorrow; and then my even When I again opened them, I saw my companisan

ing rugs. Were they about or dead? For myself. sleep was wholly out of the question. My fainting fit for sleep to visit my evelids-the more, that I thought revealf sick unto death-dwing. The last words spoken by my uncle seemed to be burning in my ears-ell is over! It was probable that he was right. In the state of need ration to which I was reduced, it was madness to think of ever again seging the light of day. Above were miles upon miles of the earth's crust. As I thought of it, I could fance the whole weight resting on my shoulders. I was

vain attempts to turn in my granite bed. Hours upon hours peaced away. A profound and terrible silence reigned around up-a offence of the tomb. Nothing could make itself heard through those gigantic walls of granite. The very thought Presently, despite my apethy, despite the kind of deadly calm into which I was cast, accepthing

arequed me. It was a slight but necessiar make While I was watching totently, I observed that the tumpel was becoming dark. Then paring through the dim light that remained, I thought I saw the Icebander taking his departure, lamp in hand Why had be acted thus? Did Hans the onlife recess to abserton us? My upole lay fast asless-or dead

issuing from my purched and fovered lips, found so echo in that fearful place. My throat was dry, my tonese stuck to the roof of my mouth. The obscurity had by this time become intense, and at last even the faint sound of the proble's footstens was lost in the blank distance. My soul seemed filled

with suggish, and death appeared welcome, only let it come quickly. "Harn is leaving us." I cried. "Harn-Harn if These words were spoken to myself. They could

not be hard alcod. Moreover, a moment's redection re-casured me. Hand departure could not be a flight. Instead of accending the gallery, he was roing deeper down into the gaif. Had he had any

It was now eight o'cleck, and still there was no nive of water. The sufferings I couldred were herrible. My anale now kept at the head of our little

A TRIP TO THE CENTER OF THE RARTH This reasoning calmed me a little and I began to tiactly along the left wall, yearing, rushing, splitthope! The good, and peaceful, and importurbable

Hans would cortainly not have suiten from his elect without some serious and grove vective. Was bebest on a varnee of discovery? During the door, atill allower of the night had he at last heard that sweet marmar about which we were all so auxious?

# Water, Where Is 202 A Ritter Disappointment

URING a long, tong, weekly all sorts ercosed my wildly delirious benin all sorts URING a long, loop, weary hoge, there of reasons as to what could have aroused our quiet and faithful guide. The most shound and reficulture ideas passed through my bead, each more half or wholly mad. Saddenly, there arose, as it were from the depths of the sorth, a voice of comfort. It Presently the uncertain Eight began to shipe upon

for down the skulnz tunnel. At leasth Heas him-He approached my uncle, placed his hand upon his abouider, and cently awakened him. My untile, as soon as he saw who it was, instantly rose.

I did not know a single word of the Banish lanederstood want the guide had said. "Water, water!" I cried, in a wild and frontie

free clarates my hards, and continuiting like a "Water ?" meemured my unch, in a wrice of deep emotion and gratitude, "Hver?" "Nedet."

"Where? helow?" I understood every word. I had caught the hunter by the hands, and I shook them beartily, while he lected on with perfect calm-

long, and we were soon making a rapid descent into the tennel. An hour later we had advanced a thorasend yards, and descended two thrusand feet. At this moment I heard an accustomed and well-known sound rurning along the floors of the granite worka kind of dall and sullby roar, like that of a distant

During the first half-hour of our advance, not anding the discovered surme, my feelings of the all hope. My uncle, however, observing how downhearted I was again becoming, took up the conversation. "Hans was right." he conlumed, enthrai-

"A torrent," I eried, debahted at even bearing the "There's not the elightest dealst about it." he replied, "a subterrarean river is flowing beside us."

I made no reply, but hastened on, core more animated by hope. I did not own feel the deep fattone which hitherto had overpowered me. The very sound of this sippious promuning water already vefreshed me. We could hear it increasing in volume every memont. The terrent, which for a long time could be heard flowing over our heads, now ran dis-

hoping to find some truce of humidity-of the alightost percolation. Alas! in vain. Assin a half hour passed in the same weary tell. Again we ad-It now become evident that the bunton, during his absence, had not been able to easy his recentches any farther. Quided by an instinct reculiar to the "smelt" the living spring through the rock. Still

Several times I pessed my hand acress the rock.

quenched his own thirst nor brought us one dren in his round Mareover, we seen made the disastrous discovery, that if our progress confirmed, we should room which gradually diminished. We turned back, Hana

halted at the procuse anot where the sound of the terrent appeared nearest. I could bear the sturpense and suffering no lengor, and conted myself against the wall, behind which

two fect away. But a solid wall of greatle still separated us from it! Haza looked keeply at me, and, atmosp excepts

for once I thought I saw a smile on his importurb able face. He rose from a stone on which he had been seated, and took up the lump. I could not help rising and following. He moved slowly slong the firm and solid grantte wall. I watched him with

mingled carriedly and carerness. Presently he ing slowly along and lutaning with the most exrent's rear was most plainly heard. This point he soon found in the interal wall on the left slde, about three foot above the level of the turnel floor. I was in a state of intense excitement. I searrely

dared believe what the order-duck huntur was shout to do. It was, however, impossible in a moment more not to both understand and applicad, and even to smother him in my embraces, when I saw him rules the heavy combar and commerce an attack upon the rock itself, "Saved," I cried.

"Yes," eried my uncle, even more excited and de-Sighted then myself; "Ham is onlie right. Oh, the worthy, excellent ment! We should never have

thought of such an idea." And molecy sloe, I think, would have thought of 25. Sith a process, simple as it seemed, would most cortainly not have entered our heads. Nothing sould plekaxee in that particular next of the elebe. Sunpeaing while he was at work a brooken were to take piece, and supporting the torrest once having ing hedlly through the broken rock!

Not one of those denours was chiracted. Then falling in of roof, or even of inendation was capto greath it we would have due helps the bod of

old Orean Itself. Haze went grietly to work-a week which neither

### AMAZING STORIES

was smale wor I could began undertaken. Our immaricks and crowber, the rock would seen have salit into a bundand frommonts. The series on the corntrary, colm, ready, randerste, were agers the hand rock by little steady blows of his instrument, making no attempt at a larger hole than about six

roor of the torrent momentarily increasing in loudners, and at times I simust felt the pleasant sense-At the and of what appeared an age, Hans had made a hole, which enabled his crowbar to enter two feet into the solid rock. He had been at work exactly on hour. It amounted a dozen. I was retting wild with impatience. My uncle began to think of using more violent measures. I had the successi difficulty in checking him. He had indeed just got hold of his crowbar when a loud and welcome hiss was heard. Then a stream or rather a let of water

burst through the well and come out with such Hans, the guide, who was half upont by the abook was seasonly able to loop down a cov of rock and grief. I understood his meaning when, plunging my hands into the sparkling lot. I myself gave a wild and frantic gry. The water was scalding both "Relling," I oried, in hitter disconnictment, "Well, never mird," and my until, "it will soon

got cast " The tennel booms to be dilled by chards of unny while a small stream ran away into the interior of the earth. In a short time we had some sufficiently and to detain We supplicated it to home monthfule Oh what expliced delight-probest yich and france. nerable largery! What was this water, wherea did it come? To us what was that? The simple fact was-It was water; and though sittl with a time of warreth about it, it brought back to the heart, that life which, but for it, reget surely have faded away. I drark greedily, almost without meting it. When I had almost openshed by raveous thirst. I made a discovery, "Way, it is farypringer scater," "Most excellent stomachie," realied my uncie, "and

highly minoralized. Here is a fourney worth twenty to See." "It's very good." I replied. "I should think ap. Water found six relies under ground. There is a reculiarly taky flavor short O. which is he no means dissortenble. Have mor conpretalate himself on having made a vare discovery What do you say negless assembles to the name! enotion of travelers, to same the streem after him?"

"Cood" said I. And the name of "Hens-buch" was at once agreed upon determination than he was before. After having ment, he had seated himself in a corner with his "Now." sold I. "It is not worth while letting this water run to waite."

"What is the use," replied my unch, "the source from which this visce visce is inorhand thin." "Never mind," I continued, "let us fill our goat skie and goords, and then try to stop the coming

scald his hands. The pressure was too great, and all "It is ovident," I remarked, "that the upper surface of these springs is altested at a very great height above—as we may fairly infer from the "That is he no may no depleted " profied not smale "If this column of water is about thirty-two thousand feet high, the pressure per square inch must be something engracus. But a new idea has fuct

our attempts were utter failures

atterested. Howe wicked an all the broken misses of

horocond to have about him, tried to shut up the

struck ma." "And what is that?" "Why be at so much trouble to chose this aperture !"

"Because--" I besitated and stammared, having "When our water bettles are empty, we are not at all sure that we shall be able to fill them," ob-

see yed my uncle "I think that in your probable " "Well, they let this water run. It will of course naturally follow in our track, and will scove to guide and refresh wa!"

"I think the idea a med one," I eried, in verly, "and with this rigulet as a torquenien, there is no further reason why we should not succeed in our

"Ah, my boy," said the professer, laughing, "after all, you are coming round." "More than that, I am now confident of ultimate success. Forward," "One moment, nephow mine. Let us begin by taking come hours of repose,"

I had otterly formation that it was plant. The chronometer, however, informed me of the fact. Scon we were sufficiently restored and refreshed and had all fallen into a profound sleep. CHAPTER XXI

### Under the Osero

I' the next day we had nearly forwatten com past sufferings. The first assession I av-5 past substrage. The first sense-red bring thirsty, and I actually saled myself the reason. The rennine ofmen which found in simpling wavelets of my feet, was the satisfactory reply.

We breakfasted with a good appetite, and then drank our fill of the excellent water. I felt myself quite a new man, ready to go anywhere my uncle chans to lead. I begree to think, Why should not a man as seriously convinced as my unals, succeed, with so excellent a guide as worthy Hens, and so devoted a nerview on reveal?? These were the bell-Host Siege which toward my brain. Had the proncollien near been made to so back to the summit of Mount Spoffale, I should have darlined the offer in a most indignant manner. But unfortunately there was to cuestion of soing un. We were about to descend farther into the interior of the earth. "Lat us he resolve." I said avalented the earth. "Let

We resumed our march on Thursday at eight o'clock in the marrier. The great granite towns! My plan, after some hasitation, was followed or went round by slower and winding ways, presenting every now and then sharp turns, in fact it had

A TRIP TO THE CENTER OF THE FARTH

gressed. My good humor began to assume a mythdogical character.

As for my uncle be began to complain of the horizontal character of the road. His route be found bugue to be intefrinitely prolonged, restand

found bugen to be indeficitly protorged, returned of "allding down the celestial ray," according to bit expression.

But we had no choice; and as long as our rood led towards the center—between little progress we made, there was no reason to categoin. Moreover, from these to time the abose were made greater;

the stailed aung more boudly, and we began to dip descensed in correct. I fort on further pointed sennation. I had not set processed from the constructed of the discovery of worter.

That day not the next we fill a considerable sensuat of horizontal, and relatively very little vertical, travellag. On Friday evening, the tenth of

tited, travelling. On Fritaly evenling, the tenth of July, according to our estimators, we coght to have been thirty leagues to the southeast of Englykavit, and about two leagues and a half deep. We new received a rather institutes corpress. The contraction of the contraction of the contraction of the uniform and the contraction of the contraction of the burder—as he seem have steep and sharp was the deearnt. "Ah. ah?" he crited, in regatures delight;

skint. "An, an" is required sagain, whis will take as a bog way. Look at the projections of the rook. He's be extitioned, "It's a fear-time of the rook. He's be extitioned, "It's a fear-time of the rook. He way to be all our troubles had never given up the roots, book care so to dispose of there as to prevent any accident. Our descent thereigners. I down not cell it a perfluent obscent, for I was already to a fearilles with that cort of work to look.

gan. I have not cell it is perficted obscerit, per i was affectly too familiar with that cors of verolt is local well the same and the same and the same and the well was a final familiar per perficiency. The congrantite of the life alternor perficiency that is notdeally covered, but flower see a familiar. The cortraction of the inventional andifolding, when it suddeally covered, but flower times as a kind of finacial the same and the same and the same and the later of the same and the same and the same local by Smelick, I was at a loos to explain how to safety, consulting the same and and the safety, consulting the same and the same safety, consulting the best same flower safety and a safety, consulting the best same flower safety and a safety, consulting the same and the same and the safety and the same and the same and the same safety and the same and the same and the same safety and the same and the same and the same safety and the same and the same and the same safety and the same and the same and the same safety and the same and the same and the same safety and the same and the same and the same safety and the same and the same and the same safety and the same and the same and the same safety and the same and the same and the same safety and the same and the same and the same safety and the same and the same and the same same and the same and the same and the same same and the same and the same and the same same and the same and the same and the same same and the same and the same and the same and the same same and the same and the same and the same and the same same and the same same and the same same and the same same and the same same and the same same and the s

spirel, comeiling hito those winding staircasses in use in molecule beaues. We were compelled every quarter of an hear or thereshoust to all down in order to root our legs. Our calves ached. We then seated curselves on come projecting rock with our legs hanging over, and greated while we ate a mouthful—drinking still from the pleasantly wants rurning stream which

from two presents, water furning arrests where had not described us.

It is conveyly measure to say, that in this ceriously shaped flavors the Hane-back had become a counside to the detrinant of its size. But it was still sufficient, and more than sufficient, for our wants. Begiddo we know that, an soom as the decivity

security of July, we followed the entimediates; regard addresses of the stature, potentialing loss integred faithful file the crass of the earth, which is a superior faithful file the crass of the earth, which is the day, the superior faithful fa

coased to be so abrust, the stream recut recome its

of my uncle, his impatiance and raws, while when at

flowed more peacefully, I pictured to myself the thacidity of the feelandle guide.

During the whole of two days, the sixth and

All length, on Workmody the Houselt, we ware artially sown longues (treated-one miles) below the nettice of the earth, and fifty largues distant from the control of the control of the control of the did, we were very trend, our beath for testided all suffering, and was most anisothetery. Our travalest, and the control of the tions of the control of

secon, J. coal-Syot suppress a lord continuation,
"White it who matter new? cried my mich.
"Statisfier very important, only an idea has an
early fine my supportant, only an idea has an
early fine my opinion that if your calculations are
complet was neen to larger under foolkaid."
"To you think on?"
"He can very easily find out," I replied, pullting

"We can very early fird out," I replied, pulling but the map and estimated as the map of the map of

his hards with a delighted air.
"Yea," I cried, "no doubt the eld ocean flows over our heads."
"Well, my dear boy, what can be more natural. Do you not know that in the beighborhood of Newcastle there are coul mines which have been worked far out unter the san."

castle there are coal mines whighormous or recocastle there are coal mines which have been werked far cut under the sea?"

New my worthy unch, the Professor, no doubt reported this discovery as a simple fact, but to me the idea was by no means a pleasant on. And yot when one came to think the matter over secreety, what matterned it whether the higher and search in

of Iceland were suspended over our devoted basis, or the mighty hillews of the Athentic Ocean? The whole question rected on the solidity of the granute roof above us. However, I soon get used to the time, fer the puscup, now lovel, now running down, and still about to the sutthwark foot point decem206 AMAZING STORIES

and deeper into the profound shysace of Hother grose electron leagues in a downward direction."

Earth. Signature of the electron-diffy sublet "I cried.

Three days inter, on the elipheemt day of July,

"I are are of it."

"I are are of it."

"I have the in the extreme limit allowed by attence of the ext

My under here gold firms his usual ris-define, and for the libitons of the artifu court, I regide, rest.

If was desided that the next day should be a day of rest.

CHAPTER XXII

"And at this stage of our journey, seconding to

Surface Balow Ground

AWOKE on Standay mercaling without any series
of hurry and bushla attendant on an immediate
departure. Though the day to be devoted to:
"To with once this grantle would not call, but

region and reflection was spent under such strange electrumstances, and in so reconfortal a pince, the idea was a pleasant one. Besides, we all began to get ured to this kind of existence. I had showed consed to think of the sum, of the moon, of the stars, of the

trees, benea, and towns; in fact, about any terrestrial mecanities. In our peculiar position we were far above such reflections.

The grette was a west and magnificent ball.
About its greatific seed the stream fivest pitzidir

Along its greatite soft the ofreom flowed platelily and pleasantly. So great a distance was it now from the fary source, that its water was searedy likewarm, and could be drunk without delay or difficulty.

After a frugal breakfast, the Professor made up his mind to devels some hours to putting his notes and calculations in order. "In the first pixes," he said, "I have a good many to verify and prove, in order that we may know our causet position. I wish to be shall on our return to the upper regions, to make

a map of our framery, a kind of vertical section of the girls, which will be as it were the profile of the section vertical section of an embor verticano was covered by laws of a kind respection.

"That would indeed be a curious work, under, but care of the profile of the section vertical section with anything like or results in the contraction with anything like or results in the contraction to the proposition of temperature to remove make your reservations with anything like or results in times with sudder. The lot when it is re-

cartainty and precision?"
"I can. I have nover on one occasion failed to note with great care the angles and alone. I am certain as to having made no mistake. Take the cermans and commen how the points."

I looked at the instrument with care. "Best obquarter seatheast."
"Very geod," resumed the Professor, noting the charvation, and going through come rapid calculations. "I make out that we have journeyed two hundred and fifty miles from the point of our de-

hundred and fifty miles from the point of our departure."
"Then the mighty waves of the Atlantic are rolling over our heafa?"
"Certainty."

"Cartainly."

"And at this very moment it is possible that fierce tempests are reging above, and that men and chips are hattling against the suggry bleate just ever our heads?"

are hatfiling against the larger bloots just over our heads?
"It is quite within the range of possibility," rejoined my uncle, emiling.
"And that whates are playing in sheels, thresh-

ing the battern of the see, the roof of our alimanatice getton?"
"Be quite at rest on that point; there is no danable gettern at the point; there is no danger of their breaking through. But to return to our addithions. We are to the southeast, no tamdred and fifty miles from the base of Snelleas, and, or occording to my preceding needs, I think we have

be in a state of fosion."
"But you perceive, my boy, that it is not co, and
that facts, as muss!, are very stabborn things, overruling all theories."
"I are forced to yield to the evidence of my senses,

"I still forced to yield to the erificace of my armore, but I aim neverthalians very much surprised."

"What heat does the thermometer really indicately continued the philosopher.

"Eventy-server execution."

"So that soleane is wrong by fourteen hundred and setunity-four degrees and four-buttle. According to which, it is dimensionfied that the proper-

ing to which, it is dimensionated that the preparticulal intensis in temperature is an explosed error. Harmybery Davy here chimas fourth is all has piery. Harmybery Davy here chimas fourth is all has piery. He is right, and I have sated workly to bolleve him. Here you any shower to make to the contensional contension of the contension of the contensional concless. It is no very admitted the theory of lumpying-Davy—I still held out for the theory of preparticulal structures of these, though I did not feet in I was far more willing to allow that this chimney was far more willing to allow that this chimney contributed to the contension of the content of the contension of the contension of the content of the contension of the c

But without entering on a long and uselow discussion, or scaling for now arguments to contracustion, or scaling for now arguments to contravart my uncle, I contents myself with taking up from a neby ween. Well, in; I take for greated that all your colonialises are correct, but allow me to draw from them a rigeness and definite correlators. "Go on, my hope—bave your cay," orded my uncle, most immorphy, where we now are, under be last, tide of leviand, the irrestrial depth in about fifteen hundred and eighty-three longers.

"Fifteen hundred, eighty-three and a quarter."
"Well, suppose we say stateen histored in round
numbers. Now, out of a voyage of atthest hundred
leagues we have completed stateen."
"As you say, what then?"
"At the experse of a diagonal journey of no least
than aughty-free leagues."

han sighty-five bengues."
"Exactly."
"We have been twenty days about it."
"Exactly twenty days."
"Exactly twenty days."
"You stateen is the handrydth part of our

"Exactly brenty days."
"Now sixtuen is the hundredth part of our contemplated supeflitten. If we go on in this way we
shall be two thousand days, that is about five years

aball be two thousand days, that is about five years and a half, going draw.

The Profesour folied his arms, listened, but did not spark.

"Without counting that if a vertical descent of "Bether your calculations," cried my units in one of the fed rage. "On what hairs of they real? How do you know that this prantage does not take an direct to the end we require? Mercenver, I have my favor, fortunately, a precedent. What I have undertoken to do, another has daze, and he having accorded, why should I and be equally accorded."

sixtocu lengues costs us a horizontal of eighty-five.

the southeast, and we must therefore earne out

A TRIP TO THE CENTER OF THE EARTH

"You are allowed to hold your tongus," cried Professor Hardwigs, "when you talk so unreasonably so this."

I own at once that the old doctorial Professor was atill allow in my unelso-and fearful to youe his surey natures. I drawned the unelsonant which.

anny in the superior to represent the majorate manager practices. I deeped the unpleasant rabject.

"Now, thus," he explained, "consult the monoretor. What does that indicates?

"A contiderable amount of pressure."

"Very novel. You soo, then, that by descending

"A contitoratio amount or pressure."
"Very posel. You con, then, that by descending alowly, and by gradually scenaturing consilves to the density of this lower atmosphere, we shall not suffer.

"Well, I suppose not, except it may be a certain amount of pain in the care," was my rather grim reals.

"That, my dear boy, is nothing, and you will easily get rid of that source of discomfeet by bringing the exterior six in communication with the air

contained is your maga. "Terfestly," seed I, for I had quite such up my saind is no wite to contradict my unde. "I should factly almost that I should experience a certain smooth of cantification is making a plump 110, this dense atmosphere. Have you taken rote of here workerfully seem it is conversable.

"Of course I have. There can be no doubt that a journey late the interpor of the earth would be an excellent ourse for dendess."
"But then, unde," I ventured mility to observe, "this country will continue to increase."
"Yes—according to a line which, bowever, in

"Res—according to a few which, however, is sarredy defined. It is true that the intensity of which the indinated part in proportion to the depth to which was given by the tendency and the sarries of the earth that its action is must powerfully felt, while on the contrary, in the regression of the contrary in the regression of the contrary, in the regression of the contrary, in the regression of the contrary, in the regression of the contrary in the regression of the regress

at all."
"I know that is the case, but as we progress will
not the atmosphere finally assume the density of
water?"
"I know it; when phoed under the pressure of

water?"
"I know it; when phood unfor the pressure of oven hundred and isn atmospheres," eried my uncle with imperturbable gravity."
"And when we are still lower dawn?" I saled

with returned arriety.

"Well, lower down, the density will became even
greeter still."

"Then how shall we be able to make our way
through this attenuate.

"Then how shall we be shit to make our way beg through this atmospheric fog?"
"Woll, my worthy nephew, we must beliest ourselves by filling our pockets with stone," said Proselves by filling our pockets with stone," said Pro-

It was evident, noverabless, that the six under a pressure which might be notlingish by thousands of attrospheres, would end by becoming perfectly colled, and that them admitting our before reached the pressures, we should have to stop, in spite of all the reasoning in the world. Further sevences all arguments.

But I thought it best not be urge this argument. My unde would stupply have quoted the example of filterances. Supperfect the locard Industry.

"Paith, uncle, you have an answer for overp-

was unwise in me to go any further into the wide field of hypotheses, for I should certainly have reyand some difficulty, or wither impossibility that

would have enraged the Professor.

Statistics over a bulgetime to the mean of the control of the cont

how of vector cast in incidents of our remarkable journey were yet to be.

The rest of this day of behave and repose was spent in on-building and conversation. I reads it a spent in on-building and conversation. I reads it a point to agree with the Professor in everything; but I carried the purfect indifference of Harm, who, without triving any such treatile about the same and atfelt, sean illigibly councils wherever feeting chaos

# CHAPTER XXIII

Trust is iff such be confound, things as yet but you covered, and I should have noted in best two parts of the state to these completes. If our diffusition did not increase, if was within its range of probability that we night ultimately reach the end of our foundy. Then who glays would be ourse! I began in the newly aroused artee of my sent tenth as passed enthusinthesity to the Professor. Was I

special way to be seen to be seen

singua send a haif, even two langues bromeds the cooker of the sorth. The document were emificiently of prilors, and while we were engaged in them we learned fully to appreciate the rate values excluses of or a gain. Without him we shrind have been wholly less. The graves and hoppenblic blockmader developing the sort principles of the principles of the

deny froat and case; and, thanks to hus, many a dangerous pass was got over, where, but for him, we should inevitably have stuck fast.

His affance increased every day. I think that we began to be influenced by thit peculiar trait in his

character. It is contain that the insalmate objects by which you are surrounded have a direct action on the bram. It must be that a new who shows have gone mad-simply because the thinking fac-Burrier the two weeks that followed our less interesting conversation, there cornered nothing worthy of before amountly recorded. I have whole writing these memoirs, taxed my memory in vain for one incident of travel during this particular period.

But the next event to be related is terrible indoed. He very recovery core new reals my real shudden and my blood are said. It was so the seventh of August. Our constant and successive

interior of the earth, that is to say that there were above us thirty learnes pearly a hundred miles. of recks, and secans, and continents, and towns, to say nothing of Bying inhabitants. We were in a couthensterly direction, about two hundred leagues

On that memorable day the turnel had begue to assume an almost horizontal source. I was on this occasion walking on in front. My uncle had charge the other. By moons of its light I was how course. ining the different layers of granite. I was com-

"Wall," thought I to myself, 'I have certainly been walking too fort-or also Hars and my sucla have stormed to rect. The best thing I can do is to go back and find them. Lucktly, there is very I accordingly retraced my stem, and while delay so, welford for at least a quarter of an bour. Rather uneary, I paused and looked eagurly around. Not a

living seat. I celled aloud. No reply. My volve was lost areid the survise overroom echoes it arequed! I began for the first time to feel acrismaly unentration, chill and tarefble, burst once my akin, "I must be called, I said, speaking aloud, as hope whistle to drive away fear. "There can be no doubt that I shall find you compressions. There carred be

two roads. It is certain that I was occuldwalls ahond; all I have to do is to go back." Maring come to this determination I assended the tuxnel for at least half an hour, washle to decide if I had ever seen certain landmarks before. Every was made to me, well knowing that in that done and intensifed atmosphere I should hear it a low way of Bot to. The most extraordinary effects reigned in this immense gallery. Only the schoes

of my own footsters could be beaut. At least I stopped. I could scarcely reslize the fact of my isolation. I was crite willing to threk that I shuddened to think of it.

"Come, come," usld I to mysolf, "place there is cally one road, and they roust come by it, we shall at fact week. All I have to do is still to on unwards. Perhaps, however, not seeing me, and forgetting I was about, they may have some back in search of me. Still even in this rane, if I wake heate I shall get up to them. There can be no doubt about the

been one-that I was by no means convinced of the fast. Moreover, to encorate together these surrole Ideas and to worn to them under the force of second ing, required some time. I could not all at cocc Then another dread doubt fell upon my soul. After all, was I ahead? Of course I was, Hans was no doubt following behind, preceded by my uncle-I perfectly recollect his having stored for a rement to stran his baggeree on his shoulder. I now remarkaged this triffing detail. It was, I believed,

"Again," thought I, reasoning as calmly as was results "there is another sure means of not losrinthine subterraneous retreat-one which I had forgotten-my faithful river."

This course of reasoning roused my drooping sulpits, and I resolved to resume my journey with out further delay. No time was to be last. It was at this travered that I had more to bless the thoughtfulness of my male, when he refused to a greene-that small feaure in the great years of able me to regals the right road. Having owns to storted upwards, that aboutlon would certainly do

I aborned to nimpo my hands and foreband in the Concolve my horror and stupefaction!-- I won treading a hard, dusty, shingly road of grantie. The stream on which I recknowled and whally dis-CHAPTER XXIV

TO words to any human language can desict O words in any human language can capital my utter despair. I was liberally buried alive; with no other expectation before me than to die in all the slow hearthle fasture of huma ger and thirst. Mechanically I crawled about, feel-I swan felt averthing so days

course of the flowing of sare? These sould be undrule is had cassed to flow in the gallery in which I now was, I began to understand the cause of if any appeal from my compenious might perchappe It so betweened that when I first took an irroredent step in the wrong direction, I did not perceive the absence of the all-important stream. It was now quite evident that when we halted enother towned

as I tried to discover the solution of this terrible

must have received the waters of the little torrest. and that I had preconsistantly outsted a different suffery. To what spicason depths had my companjots speed? Where was 1? How to you back? Clay or landmark these was

absolutely pound. Me fact left as along on the grantle and chingle. My booin throbbed with some

only one road to follow.

I could, at all events, regain the awful crater of Mount Spoffels. Who had I not thought of this be-

desiraction and extinction of its nower. Light is

so diffuse, so subtle, that it permeates everywhere,

A TRIP TO THE CENTER OF THE EARTH

problem. My situation, after all applistry and re-

Section, had finally to be summed up in three awful

est difficulty that I succeeded in doing so. Ham-

bare, the bouse on the Korigstrasse, my dear cousin During one whole hour nething heroaned to check my progress. As I advanced I tried to recollike a shadow floated before my now vivid imeginalect the shape of the tunnel-to recall to my memore certain projections of rocks-to persuade my-Under the influence of a terrible ballacination I self that I had followed ourtain winding routes besaw the whole incidents of our former nots before fore. But no one particular size could I bring to me like the scenes of a pasorams. The ship and its inmates, Iceland, M. Fridriksson, and the great low would never take me back to the point at which summit of Mount Sueffels! I said to mouelf that if I had sengrated movelf from my commanisms. It

in my position. I retained the most faint and was shoolately without issue-a mere blind siley in shadowy outline of a hone it mould be a sure slow the earth. of agonosching delirium. It were better to give The moment at length eams when, facing the solid rock, I knew my fate, and fell insulmate on the arid floor? In fact, of I reasoned with calmness and philosordy, what human power was there in existence To describe the howelble state of demate and fear able to take me book to the surface of the earth, and into which I then fell would now be vain and imready too, to split sounder those bage and mights possible. My last hope, the courage which had ausvaults which stood above my head? Who could entained me, dropped before the sight of this pittless

ions? Impressie folly and medicas to entertain ties of which spread in every direction, without ouide, cine or correspon, it was a value and meeless "Oh, mucle?" was my desnairing cry. This was the only word of represent which came to my line; for I thoroughly understood how deeply and seccomel and heavible of deaths? rowfully the worthy Professor would regret my In my state of mind, the idea came into my bead being lost, and how in his turn he would patiently that one day perhans, when my fould bones were seek for me. found, their discovery so far below the level of the

When I at last becam to region moved to the fact. earth might give rise to solemn and interesting and knowing that I was utterly powerless to do anyhearsa, hollow and inarticulate sounds alone could thing for my own saluntion, I knowled with carpent fervor and asked assistance from Heaven. The remake thomselves based through my parched lips. I literally panted for breath. membrance of my impress; shildhood, the memory In the midst of all these becrible scarces of anof my mother, known only in my infancy, came wellguish and daspair, a new horror took possession of ing forth from my beart. I had recourse to prayer.

my soul. My hone, by failing down, had yotten out of order. I had no means of repairing it. Its light when I had forgotten in the hour of presperity, and was already becoming paler and paler, and soon when I so tartily impled, I prayed samethy and would expire. With a strange some of resignation This renewal of my weathful faith brought about cell getting less and less. A procession of shadows

moved fishing along the granite wall. I scarcely abled to concentrate all my strength and intellidared to lower my coulds, fearing to lose the last gence on the terrible realities of my unprecedented stork of this furntive light. Every instant it situation. I had about me that which I had at first seemed to me that it was about to vanish and to leave me forever-in otter darkness! At last, one final trerebling flame executed in the

over, my water bottle was quite full. Nevertheless, the one thing which it was impossible to do was to lamp; I followed it with all my newer of vision: I remain alone. Try to find my companions I must. graped for breath: I concentrated men it all the at any reice. But which course should I take? power of my scal, as upon the last scintillation of light I was ever destined to see; and then I was to

be lest forever in Cimmerian and tenshrom shades. it was right to retrace my about in an appeared direc-A wild and plaintive cry escaped my line. On

earth during the most penfound and correspondiction the point where I had turned away from the ripulcomplete darkness, light never allows a complete

ing stream. I must find the fotal hifterestim or

fork. Once at this spot, once the river at my feet,

#### and whatever little may remain, the retine of the ove will ancread in finding it. In this place nothing -net the faintest ray of light. It mased mell My head was now wholly last. I raised my arms trying the effects of the feeling in getting against the cold stone wall. It was rainful in the extreme. Madness must have talern presentation of me. I knew my send that it might be my own words brought not what I did. I becam to run, to fiv, rushing at back to me by a distant echo. Perhaps without hardward in this inextricable laborith always going downwards, running wildly underpeath the

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terrestrial crust, like an inhabitant of the oubterranean furnaces, coreaming, roseing, howling, until bruised by the pointed rocks, falling and picking myself up all covered with bleed, seeking madly to drink the blood which dripped from my tern fea-

and watching always for this herrid wall which which I could but dash my head. Where was I ordes? It was impossible to say, Several hours passed in this way. After a long time, having otterly exhausted my strength, I fell

# CHAPTER XXV

HEN at lead I same back to a sense of life and bring, my face was much soon knew with tours. How long this state of insensibility issted, it is quite impossible for me to say. I had no meens left to me of taking any acrount of time. Never since the greation of the world. had such a solitude as mine existed. I was com-

After my full I had lest much bleed. I had felt myself flooded with the life-glying liquid. My first consisting was neglected a natural one. Why was I not dead? Because I was alive, there was semathing left to do. I tried to make up my mind to think no longer. As far as I was able, I drove away all idens, and uttack overcome by pain and srief, crosched

against the granite wall. I commenced to feel the frinting coming on again, with the regulation that this was the last struccie before complete amplhilation.-when, on a andden, a violent uproar reached my ears. It had some resemblance to the prolonged rumbling voice of thunder, and I clearly distinguished preopose

prices, but one after the other, in the distant depths Whence came this point? Again I listened with deep attention. I was extremely anxious to hear if the strange and inexplicable asserd was likely to be renowed? A whole quarter of an hour elapsed in peinful expectation. Deep and solumn allones

rejerted in the turnel. So atill that I could bear the bestings of my own heart! I waited, waited, Suddenly my ear, which leaned accidentally against the wall, appeared to catch the faintest echo of a sound. I thought that I heard wague, incoher-

ant and distant voices. I suivered all over with excitement and bepo! "It must be hellucination," I But no! By Hatering recce attentively, I really

There was a moment of fear. A dread fell upon clutely closed my lips, and once more placed my car to the hope granite wall. Yes, for cartain, It I now by the exercise of great determination dragged myself along the sides of the covern, until I reached a point where I could hear more distinct-But through I could detect the accord, I could

of human volces. To make any menning out of the

week even to hear distinctly. Stiff it was a positive

fact that some one was speaking. Of that I was

only make out uncertain, strange, and incomprehereible words. They reached my car as if they had been spoken in a low tone-murmured, as it were, afar off. At last, I made out the word forlorad repeated several times in a tone betchening great mental anguish and sorrow. What sould this word mean, and who was speaking it? It must be either my uncle or the guide Hanal If, therefore, I could hear them, they must surely he able to hear me. "Help." I cried at the top of my voice: "help, I am dvine!" I then listened with scarcely a breath; I pented

for the slightest sound in the darkness-a cty, a sich a question! Ret gierre reigned supperso. No suggest came! In this way some minutes passed. A whole fixed of titees finshed through my mind. I besuffering, could not reach my companious who were "It must be they," I eried: "what other men can by any possibility he hurled a hundred relies below the level of the earth?" The more supposition wan prepentarous. I burne, therefore, to listen sends with the most breathless attention. As I moved my cars slong the side of the place I was in, I found a mathematical point as it were, where the voices appeared to attain their maximum of intensity. The word forlered again distinctly reached my our.

Then came again that rolling noise like thunder which had awakened me out of torour. "I been to understand," I said to myself, after some little time devoted to reflection; "it is not through the solid mass that the sound reaches my cars. The walls of my cavernous retreat are of splid granits, and the most fearful explosion would not make uproar enough to penetrate them. The sound must some along the sallery itself. The piace I was in must passens some poculiar accustle properties of its own."

Apain I listened: and this time-rea, this time-I heard my pame distinctly pronounced; cust as it who was speaking. He was in conversation with thu maids, and the word which had so often reached my

ears, forlored, was a Danish expression Then I understood it all. In order to make myself heard, I too must speak as it were along the pale of the gallery, which would carry the sound of my voice just as the wire carries the electric

fuld from point to paint. But there was no time to loss. If my companions were only to remove a few did convince myself that what I heard was the sound feet from where they stood, the recustic effect and said as elegrly and distinctly as I could-"Uncle Hardwigz." I then awanted a renbr.

would be own, ray Whispering Gellery would be de-Sound does not payers, the property of traveline with such extreme rapidity. Besides, the density of the air at that depth from light and motion, was

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very far from adding to the rapidity of circulation. Several seconds elemed, which, to my excited imagiretion, appeared ages; and those words reached "Harry, my boy, is that you?"

A abort delay between question and answer. "Where are you?"

"And your lamp?" "Out."

"But the guiding stream?" "Keen your courses, Harry. We will do our best."

"One moment, my uncle," I cried; "I have no longer strength to answer your oscations. Butfor heaven's sake-do you-continue-to speak-to Absolute alleges, I falt, would be applification.

"Keep un your courage," seid my uncle, "As you for you in all directions, both by going upwards and downwards in the rallery. My dear boy, I had begun to give up all hope-and you can never know what hitter toors of serrow and regret I have shed, the Hans-kech we again descended, firing off guns as signals. Now, however, that we have found you. long time before we actually most. We are convers-

ing by meens of some extraordinary acceptic arrangement of the ishwrinth. But do not despair. my dear boy. It is something gained even to bear each other." While he was speaking my brain was at work reflection. A certain undefined hope, vague and shapeless an vot, made by heart best wildly. In the first place. It was absolutely necessary for me to know one thing. I once more therefore hand my head

lire, and again spoke. "My how" was his made anomer "It is of the utmost consenuence that we should know how far we are asunder."

"That is not difficult." "You have your chronometer at hand?" I asked. "Certainly." "Well, take it into your hand. Pronounce ray name, noting exactly the second at which you

speak. I will reply as soon as I hear your wordsmy reply reaches you." "Very good: and the time between my opention and your answer will be double the time occupied by

"That is exactly what I mean, uncle," was my carer reply. "Are you ready?" "Yes.

my ear, I turned round, and ploring my lips to the "Forty seconds," said my uncle. "There has elepsed forty seconds between the two words. The sound, therefore, takes twenty seconds to second. Now, allowing a thousand and twenty feet for every record—se have twenty theorets and four immired feet-a league and a half and one-sighth," These words fell on my soul like a kind of death-

"Well, make ready. I am about to proposes your

I applied my car close to the sides of the cavern-

one callery, and as soon as the word Horry reached

knoll, "A league and a-half," I muttered in a low and descriping voice. "It shall be got over, my boy," cried my ungle in a cheery tone: "depend on us," "But do you know whether to second or descend?"

I naked faintly anongh "You have to descend, and I will tell you why. We have reached a vest open space, a kind of have crossroad, from which nalleries diverge in every direc-

tion. That in which you are now lying, must necessarily bring you to this point, for it opposes that all this rooment occupy. Rome yourself, then, have courage and continue your route. Walk if you can, if not, drag yourself along-alide, if nothing class is possible. The slope must be rather rapid—and you will find atrong arms to receive you of the end of your fourney. Make a start, like a good fellow."

These words served to rouse some kind of courgood mode, I am about to take my departure. As Farawall, then, until we meet again." "Adies, Harry-mill we say Welcome," Such were the last words which reached my anxione cara, before I commenced my weary and almost honeless

This wenderful and surprising conversation which tack place through the wast mass of the ers being about five miles apart-ended with hopeful and pleasure expressions. I breathed one more prayer to Heaven, I sent up words of thankagiving against the wall, which I almost touched with my -believing in my immost heart that He had led me to the only place where the voices of my friends

could reach my ears. I secondingly rose to my feet. But I som found that I could not walk: that I must draw muself along. The slope, as I expected, was very ranific but I allowed myself to alip down Soon the rapidity of the descent beaut to assume

frightful proportions; and menaced a fearful fail. I clatched at the sides; I grasped at projections of rocks; I threw myself backwards. All in vals. My weekness was so great I could do nothing to save

Suddenly earth failed me. I was first issuehed into a dark, and gloomy void. I then struck against the projecting assertice of a vertical gallery, a perfect well. My head bounded against a notated

rock, and I lost all knowledge of existence. As far as I was concerned, death had claimed me for his UND

#### AMAZING STORIES CHAPTER XXVI the conclusion that I could not be mistaken. Surely,

A Repid Recovery HEN I reintened to the consciousness of existerce. I found myself surrounded by a kind of sexti-phasesity, lying on thick and soft,

coverlids. My mitle was watching-his eyes fixed his face; a tear in his eye. At the first sigh which struggled from my besom he took hold of my hand, When he saw my eyes open and for themselves upon his, be uttered a lond cry of iov, "He lives! he

"Yes, my good uncle," I whispered. "My deer hey." continued the grim Professor.

elaming me to his heart, "you are seved I was decre'v and unaffectedly touched by the mere by the kindly care which accommented them. The Professor was one of those men who recut ha severely tried in order to induce any display of affection or postle emotion. At this morrout our

friend Hans, the guide, joined us. He mw my hand in that of my uncie, and I venture to say, that, treiturn as he was, his eyes beemed with fively satisfaction, "God deg," he said.

will know all that you require."

"Good day, Hana, good day," I replied, in as bearty a tone as I could assume, "and now, unclelost all idea of our position, so of everything cise." "Te-morrow, Harry, to-merrow," he replied, "Towith handages and poulties that must not be tenched. Sleep, my boy, sleep, and to-merrow you

"Rot." I seled "let me know what slelock it iswhat day it is?" "It in now eleven o'clock at night, and this is once more Sunday. It is now the minth of the month of Appart. And I distinctly probably you from asking any more questions until the tenth of the

EXTRA." I was, if the truth were told, very weak indeed, a good night's rest, and I went off reflecting at the but memora that my perilogs adventure in the interior of the curth, in total durkness, had hested

On the meeting of the next day, at my assakening. I began to look around me. My sleenie-noisee. made of all our traveling bedding, was in a charming grette, adorned with magnificent atalogmetes. glittering in all the colors of the raisbow, the floor of soft and allvery send. A dim obscurity prevalled. No torch, no lamp was lighted, and yet cortain speculained beams of light penetrated from

of the beautiful grotte. Moreover, I heard a vague and indefinite murmur,

like the ebb and flow of waves upon a strand, and of the wind. I began to believe that, instead of being awale. I must be dreaming. Surely my brain curred during the last twenty-four hours was not some reflection, a trial of my faculties. I came to

"It is a ray of the bleased daylight," I said to myself, "which has penetrated through some mighty focure in the recks. But what is the manning of this murmur of waves, this unmistakable meaning of the salt sea billows? I can bear, plainly enough, the whistling of the wind. But can I be altogether mistaken? If my uncle, during my tilness, has but carmy account, given up his wondrous expedition, or in some strange manner has it come to an end?" I was possible my brain over these and other

questions, when the Professor lained me. "Goodday, Harry," he eried in a joyens tone. "I famey you are quite well." "I am very much better," I ruplied, actually ait-

ting up in my bed. "I knew that would be the result, as you sleet taken turn to watch, and every hour we have seen visible sions of amelioration

"You must be right, uncle," was my reply, "for I feel as if I could do justice to any meal you could put before me. I am really hungry," "You shall out, my boy, you shall out. The forms has left you. Our excellent friend Hans has rabbed

your wounds and bruises, with I know not what pirdment, of which the leelanders above rousess the secret. And they have booled your bruises in the meat marvelous manner. Ah, be's a wase fellow, in Master Hans."

While he was speaking, my uncle was placing beearnest infunctions, I readily desoured. As soon as whelmed him with questions, to which be now no lonear heatated to give answers. I then learned for the first time, that my providential fall had brought me to the bettem of an almost percendicplar gallery. As I came down, amoist a perfect shower of stones, the last of which falling on me

would have crushed me to death, they came to the conclusion that I had carried with me an entire dislocated rock. Biding as it were on this terrible charfot, I was cost headlong into my uncle's arms. And into them I fell, insensible and covered with blood. "It is indeed a miracle." was the Professor's final remark, "that you were not killed a thousand ignar ever. But let us take care never to apparate: for surely we should risk never meeting again "Lot us take care power again to separate." These

words fell with a sort of chill upon my heart. The journey, then, was not over. I looked at my upole with surprise and astonishment. My uncle after an insteat's everyleadies of me contenues, said-"What is the matter, Harry?" "I want to ask you a very serious question. You

say that I am all right in bealth?" "Certainly you are." "And all my limbs are sound and capable of new

"Most undoubtedly." "But what about my head?" was my next antitus

"Well, your head, except that you have one or two contusions, is exactly where it eaght to be-on your shoulder," said my mach, laughing.

arthy rockt. In fact, I believe revuelf allightly de-"What makes you think so?" "I will explain why I famey I have lost my senses," I cried. "Have we not returned to the surface of

mother earth? "Then traly I must be mad, for do I not see the light of day? do I not bear the whistling of the

"And that is all that makes you upway?" said-

my uncle, with a smile "Can you explain?" "I will not make any attempt to explain; for the whole matter is utterly inexplicable. But you shall see and indre for vaurself. You will then find that

goological science is as yet in its infancy-and that we are doomed to enlighten the world," "Let us advance, then," I cried engerly, no longer able to restrain my euricelty.

"Walt a moment, my dear Harry," he responded: "you must take precautions after your illness bebore roing into the open air."

"The open sir?" "Yes, my how. I have to warn you that the wind is rather violent-and I have no wish for you to expose vourself without necessary precautions."

"But I beg to assure you that I am perfectly recovered from my illness. "Have just a little patience, my boy. A relapse would be inconvenient to all parties. We have no time to kee--as our approaching sea voyage may be

of long duration." "Sea voyage?" I eried, more herridered than "You. You must take another day's rest, and we

plied my upole, with a poculiar smile. Go on harrill The words attroly ententshed make Go on board-what? and how? Had we come upon a river, a lake, had we discovered some biland and?

Was a vessel lying at anchor in some part of the interior of the sorth? My curicelty wan worked up to the very highest potch. My usede made vain attempts to restrain me. When at leat, however, he discovered that my fewerish impatience would do more harm this peodiand that the estimation of my wither could Mone restore me to a calm state of mind, he gave way. I dressed myself rapidly-end then to please my one of the coverious. I rushed out of the gratto.

# CHAPTER XXVII

A first I saw absolutely nothing. My eyes, whelly unused to the efficience of light, sould not bear the audden brightness; and I was T first I saw absolutely nothing. My eyes commelled to close there. When I was able to recover them. I steed still, far more stuneded than saturinked. Not all the wildest effects of impointain could have conjured up such a scene! "The sea-"You," reolied my untile, in a tone of pardonable

a beautiful saft golden sand, mixed with small shells, the long deserted homes of some of the creatures of a rest ove. The waves broke inconstativ. and with a recubiriy secorece murmur-to be found in undergraved localities. A slight frother fiske sause as the wind blew along the pellucid waters; and many a deep of spray was blown into my face. The mighty superstructure of rock which rose above to an incomprisable height, left only a

It was quite true. A vast, limitiess expense of

water, the end of a lake if not of an occan, moved

before us, until it was lost in the distance. The

shore, which was very much indented, consisted of

long broch of strand. On all pides were capes and promontories and enormous cliffs, pertially worn by the starnal breaking of the waves, through countless ages! And as I gased from side to side. the mighty rocks faded in the distance like a facety film of cloud. It was in reality an ocean, with all the usual characteristics of an unland see, only horribly wild

One thing startled and puzzled me greatly. How was it that I was able to look men that yast about of water instead of being plunged in utter darknew? The vast landerage before me was lit up like day. But there was wanting the deading brilliancy, the splendid irradiation of the sun; the sale cold

Illumination of the mann; the brightness of the store. The illuminating nower in this subterenceous its clear dry whiteness, the very slight elevation of ita.temperature, its great superfority to that of the resort, was evidently electric; comething in the rature of the aurura herealts, only that its phenomera shell be ready to go on heard by to-morrow," re- "Were constant, and able to light up the whole of the The tremendous vault shove our bends, the sky,

centica of nebulson veners, in constant motion, I should originally have supposed, that under such an atmospheric pressure as must exist in that place, the evaporation of water could not really take place: out there were brown and darse charle reiling along that mighty wait, partially concealing the roof and shade in the distance, especially around the heavier clouds. Deep shadows were cost beceath. and then suddenly, between two clouds, there would come a ray of gaugust beauty, and remarkable intensity. Yet it was not like the nun, for it own no

The effect was and and excreptioningly melanaholy. Instead of a noble firmsment of blue, studded with stars, there was above me a beavy roof of granite. to think of the theory of the English captain, who compared the earth to a west hollow sphere in the state by means of atmospheric pressure, while two stars; Pluto and Proscrpine, circle there in their mysterious orbits. After all, suppose the old fellow

In troth, we were imprisoned-bound as it were, pride; "The Central See. No future navigator will

#### AMAZING STORIES make out; the shore on either hand, widening renother.-s. stupendous titable pile; down their sides idly until lest to sight; while its length was squally front importantile cascades, which at last, becom-

uncertain. A hane on the distant horizon bounded our view. As to its height we could see that it must be many mike to the roof. Looking upward, it was impossible to discover where the stupendous roof heran. The largest of the clouds must have been finging at an elevation of two thousand yards, a

height greater than that of terrestrial vaporawhich circumstance was doubtless owing to the ex-I use the word covern in sever to eige an idea of the place. I cannot describe its awful grandeur;

sublimity. Whether this singular vacuum had or had not been caused by the sucken couling of the earth when in a state of fusion, I could not say, ,i. had read of most wonderful and gireantle coveres-

The great grotto of Guachara, in Columbia, visitthose belos in the earth commared to that in which I stend in susceptions admiration! with its varory clouds. Its electric light, and mighty ocean slumber-

alone give an idea of the splendor and vastness of I good at these marvels in profound silence. Words were utterly wenting to indicate the sensaupon that mysterious above, to be some wondering inhabitant of a distant pionet, present for the first

beleaging to another existence. To give body and existence to such new sometime, would have resuired the columns of new words-and here my feeble brain found itself wholly inadequate. I looked on I thought, I reflected, I admired, in a state of stopefaction not alterether unmineled with The unexpected spectacle restored some color to

better under the influence of this novelty. Moreover, the vivacity of the desse atmosphere sygnimated my body, by inflating my lungs with mase-It will be readily reported that after on farmel, somment of feety-neven days, in a dark and minershie tornel, it was with infinite delight that I breathed this taline sir. It was like the genial, reviving industries of the salt ass waves. My uncle

Letin poet, Horoce, his idea was that-"Noteto admire, is all the art I know To make man bappy and to keen him so."

"Well," he said, after civing me time thoroughly to superciate the marrels of this underground sea, "No you feel street enough to walk up and down?" "Certainly," was my ready answer, "aething would give me greater pleasure." "Woll, then, my boy," he said, "lean on my arm, and we will stroll along the beach." To our left were abrest rocks, niled one upon the ing Empid and marmoring streams, were lost in the waters of the lake. Light vapors, which rose here and there, and floated in fleecy clouds from rock to rock, indicated but springs, which also Among them I recognized our old and faithful

stream, the Hans-back, which, lost in that wild bosin, seemed as if it had been fowing since the crestion of the world. "We shall wise our excellent friend." I remarked. with a deep sigh. "Bah!" said my uncle, testily, "what postters it.

That or another, it is all the same," I thought the remark ungrateful, and felt almost

my attention was attracted by an unexpected spectacle. After we had expendent five bundred words, ourselves close to a lofty forest! It consisted of straight trunks with infied ions, in shape like parasols. The air seemed to have no effect upon those trees-which in spote of a tolorable brosse remained as atill and motionless as if they had been petrified

I hastened forward. I could find no name for two thesesaid and more known trees-or were we to make the discovery of a new growth? When we at last reached the forest, and stood beneath the trees, roy aururiae cave way to admiration. In truth, I was simply to the presence of a very ordinary prodnot of the earth, of singular and gleantic proportions. My uncle unhasitatingly , allog them by their real names. "It is only." he said, in his coolest man-

· On close examination I franci that he was not mistaken. Judge of the development stisfied by this product of damp but rolls. I had heard that cumfarance, but here were white muskrooms, nearly forty fact high, and with tops of equal dimensions. They grow in countless thousands-the light could not make its way through their mausive substance.

Still I wished to go forward. The cold in the shades of this singular forest was interes. For nearly so hear we wandered shout in this darkness visible. At learth I left the spet, and once more returned to the shows of the lake, to light had already out over the fest apprecias. With the and comparative warmth

The amosing vegetation of this subterraneous region was not confined to eigentic mushecoms. New wenders awaited as at eavey stee. We had not gone many hundred yards, when we came upon a mighty group of other trees with discolared leaves. -the remonen humble treat of mother earth, of an

STREETS! "Astonishing, magnificent, splendid?" cried my in the first ages of the world were mighty trees.

uncle; here we have before us the whole flees of I accepted his offer executy, and we becam to the second period of the world, that of transition. Reheld the humble plants of our pardons, which

My oxcle's enthrelessa, usually a little more than was received, was now excessible. "You are right, uncla." I remarked. "Providence appears to have designed the preparyation in this wast and mesteri-

surscity of learned man in figuring them so mayvelously on paper." "Well said, my hov-wery well said; it is indeed a mighty het-houses-but was would also be within

the bounds of reason and common pence, if you also added-a vast menozycie." I looked rather anxiously around. If the animals were as exampled to the plants, the matter would

certainly be serious. "A menuroria?" "Doubtless. Look at the dust we are treading under fact-bakeld the house with which the whole sail of the seaskore is covered-"

"Beass," I replied, "yes, certainly, the bones of antedfirvian animals." I stooped down as I spoke, of a br-gone age. It was easy to give a name to these gigantic bones, in some fretances as big as trunks of trees. "Here is, clearly, the lower jaw-bene of a masto-

don," I cried, simost as warmly and enthusiastically as for uncle. "here are the molars of the dinotherium; bore is a leg-bone which belonged to the megatherium. You are right, uncle, it is inhead a menagerie; for the mighty animals to which these boxes once belonged, have lived and died on the shores of this sulderraness see, under the shadow of these pleats. Look, vender are whole skeleters

"And yet, nephew?" sold my uncle, noticing that "I do not understand the presence of such beasts in granite caveeus, however rest and predigious,"

"Why not?" said my uncle, with year much of his old professional impatience. "Recorne it is well known that animal life only existed on earth during the second period, when the spelimentary soil was formed by the alleriums. and thus replaced the het and berning recks of the primitive age." "I have listened to you earnestly and with pa-

to your objections; and that is, that this itself is a ".Hoe veatmentage soil." "How can that be at such encruous depth from the surface of the earth?" "The fact can be explained both simply and geolosignify. At a certain period, the sorth consisted only of an elastic crust, liable to alterentive up-

ward and downward movements in virtue of the how of attraction. It is very probable that many a kundelip took place in those days, and that large portions of sedimentary soil were cast into base and mighty change." "Culte possible," I dryly remarked, "But, unde,

if these antediluvion animals formerly lived in these subterrancen regions, what more likely than that one of these huge monsters may at this moment be concealed behind one of vender mighty rocks." As I spoke, I looked keenly around, examining so. The walk and contingent were too much for me in my weak state. I therefore seried myself at the and of a promentery, at the fact of which the marce broke to incoment smalls. I looked around a buy formed by projections of vast granite rocks. At the extreme and was a little next pretected by huge pyramids of stones. A brig and three or four schooners might have lain there with perfect man. So natural did it seem, that every minute my imagination induced me to expect a vessel earning out under all sail and moking for the corn use reder the influence of a warm southerly breeze, But the fantactic illusion never hasted more than a minute. We were the cely living creatures to this subterranean world!

During cartain periods there was an other costs. tion of wind, when a silence domer, more terrible than the silence of the desert fell upon these solitary and and rocks-and somed to hang like a leader weight upon the waters of this ringular occon. I Sought, amid the awful stillness, to penetrate through the distant for, to tear down the yed which conrealed the westeriess distance. What unspaken words were marmored by my trembling ling-what questions did I wish to ask and did not ! Where did thus see end-to what did it lead? Should we over be able to examine its distant shores? But my uncle had no doubts about the matter, He was convinced that our enterprise would in the

and he successful. For my part, I was in a state of painful indecision-I desired to embark on the forgues and to succeed, and still I feared the result. After we had persed as bour or more in allers contemplation of the wondrous spectrule, we rose and went down towards the book on our way to the erecto, which I was not sorry to sum. After a slight repost, I sought refuge in slumber, and at learth, after many and tedious struccies, sleep COME OVER MY WELLY STEEL CHAPTER XXVIII

N the murning of the next day, to my great surprise, I awoke completely restored. I thought a both would be delightful after tience. Harry, and I have a simple and clear mawer my long illness and sufferings. So, soon after rising, I went and plumped into the waters of this new Mediterreness. The bath was cool, fresh and invigorating. I carrie back to breakfast with an excellent some

tite. Hans, our worthy guide, thoroughly understeed how to cook such estables as we were able tion, so that he was enabled slightly to wary the meany monotony of our ordinary report. Our moreing meal was like a capital English breakfast, with cuffee by way of a wind-on. And never had this My uncle bed sufficient regard for my state of bealth not to interrupt me in the enjoyment of

the meal, but he was evidently delighted when I had finished, "Now then," said he, "come with rec. It is the height of the tide, and I am anxious to study its curious phenomena."

# 16 AMAZING STORIES "What" I could vising in astrologoust "bid distant time bundred and diffy increas from Iro-

you say, the bids, unclear?
"Cortainly I off."
"You do not mean to say," I registed, in a toxe of respectful doubt, "that the instinctor of the use and most is fath here below."
"And pray why not! Are not sell bedies infinenced by the law of universal attraction? Why should this vast undergrown less be scompt from the greater law, the rule of the universal? Besides, there is actified, the task which is proved in the property of the contract o

and demonstrated. Despite the great atmospheric produces a proper of the product of the thin inputation of the product of the product of the same and the product of the product of the same atmospheric of the product of the An eny uncle spoke, we reached the sandy show, and saw and shown the worse breaking monitoriously on the beach. They were evidently rising. "This is truly this from?" I credit before as the

and saw and heard the waves breaking monotonously on the hearb. They were evidently rising.
"This is truly the floot," I crief, leeking at the water at my feet.
"You, my excellent nephere," repited my unole, rabiting his hards with the gusto of a philosopher, "and you see by these coveral strains of fours,

That you are by these several streams of fours, that the life rise and least too or treeder deta."

"By He Ressun," he respected; "on the contrary, it quite natural."

"If may appear so, in your eyes, my dear unclaim we now restly, "but the whole group of phascackers of his place topicar to me to particle of the maxmathem of the contract of the place of the contract of the cont

have inserted that, breath the grant of our earth, there scotle exist a real cease, with abbigs and flowing tides, with its changes of winds, and own its storms. I for our should have largest the taggestion to second."

One of the property of the second of the contraction of the second of the second of the second problem of the second of the second of the second reason in opposition to 197.

Not if we give up the great theory of the sec-

trail was the well. This yelds once provided to the control of the well of the

"Ritherto we have not discovered any, and the probabilities are rather against our aver doing ac," chearend the Professor.

I was losing my skepticism to the presence of those workses, "Well, I am determined to solve the question. It is my intention to try my back with my fixthing line and hooks."

"Cortainly; note the experiment," said my uncle, pleased with my enthusiann. "While we are about it, at will extrainly be only proper to discover all the correts of this extraceditary region. "But, after all, where are we new?" I asked; "all this time I have quite forgotten to ask you a

"But, after all, where are we new?" I asked; "all this time I have quite forgotten to sak you a queetton, which, doubtlees, your philosophical instruments have long time answered." "Well," replied the Professor, "examining the situation from only one neint of view, we are now

"So much?" was my encionation.
"I have gone over the matter serveral times, and
are not to have made a mintake of five hundeel yard," explicit my inter positively.

"Office of the scattering of direction—rare we still going to
the accubant?"

"Yes, with a western declination of miscases
degrees, forty-two meanter, sits as it is above. An

for the inclination I have discovered a very curious fact."
"What may that he, uncle? Your information interests me."
"Why that the accide, instead of dipping towards the pole se it does on ourth, in the northern handsplere, has an upward tendency."

phere, has an upward tendency,"
"This proves," I steed, "that the great point of magnetic attraction has according to the surface order in reaching."
"Executy, my observant neighbor," exclained my under shead and delighted, "and it is quite prob-

ake that if we second to petting toward the polarregions—scownhere near the secont-pland degree of hittofs, where Sir James Reas discovered the magnetic pote, we shall behald the noselle point directly upward. We have therefore discovered that this great sector of attention is not situated to the property of the property of the discovery "Wall," said I, replay supplies the six discovery will satisfied experimental pollographers. It was

was sections experiences painterparts. It was breef outperfeath,"
"Belong, great, nightly and in the end unserring," replied my unde dogmatically, "solvince has fallin into many errors—errors which have been fortunate and useful rather than otherwise, for they have been the stanging-stens to truth."

they have been the stapping-steries to truth."

After some further discussion, I turned to another matter, "Have you say lote of the depth we have reached?"

"We are sow," continued the Professor, "except thirty-two layers—alters a hundred unifersetty thirty-two layers—alters a hundred unifer-

setty hirry-two sugarsa-saters a hundred miferdom into the literative of the sate thirtness on the map, "was to a two benneth the doubtien High-lines and here ever our heads the short thirtness in the contract of the sate of the sate of the sate of the large." He made a very identity, the weight height ing. "He made wery identity, the weight height heavy—but the vaids which argorits this vost mass of earth and reck is sailf and not—by mightly Architect of the Universa has constructed it of auth miterials. Mus, even in his highest filled in

of virid and peets inregitation, even in his nighest highes of virid and peets inregitation, even thought of and history. What are the finest arches of our history, what the weekled recfs of our exhibiting, what the weekled recfs of our exhibiting the highly deems show us, and beneath which fixed an occan with its storms and calms and titles?

tides?"

"I admire it all as much as you can, unch, and have no fear that our grantes sky will fail upon our hands. But now that we have discussed matters of science and discovery, what are your future intention? Are you with thicking a witting leads.

anticuture: are yet me transering or getting come to the surface of our beautiful earth?" This was said more as a feeler than with any hope of success.
"Co back, numbers," orned my unels by a tone of alerm. "you are not surely thinking of anything so abourd or cowardly. No, my intention is to advance and continue our fourner. We have as yet been airgularly fortunate, and honouforth I hope we shall be more on" "But," and I. "how one we to cross worder limit

"It is not nor intention to lean into it head forewest, or even to awith screen it, like Learder ever the Hellarccott. But an occurs are, after all only stort lakes incomuch so they are arresponded by

one is electroscribed by greate surroundings." "Doubtless," was my natural reply.

"Well, then, do you not think that when once we reach the other end, we shall died acone means of continuing our journey?" "Probably but what extent to you allow to this

internal ocean?" "I should fancy it to extend about forty or fifty

leagues-more or leav." "But even surmonitive this approximation to be a carrect one-what then?" I asked. "My door boy, we have no time for further disgueston. We show emberk tomorrow." I leoked around with surprise and incredulity.

I could see nothing in the shape of heat or years! "What " I oried "bre ate about to breath out once an unknown ass; and where, if I may sale, is the wested to energy un?" HIROH was done how it will not be excepte what you would call a yoursel. For the present we must

be content with a good and solld raft." "A raft." I cried, incredulensly, "but down here a mark is no improvable of quantization as a passel -and I sen at a loss to imagine-

"My sand Harry-if you were to listen instead of talking so much, you would hear," said my unde, "I should hear?" "Yes-certain knocks with the hammer,

Hars is now compleying to make the raft. He has been at work for many bours." "But where has he form! trees spitchle for such a construction "He found the trees all ready to his hand. Come. and you shall see our excellent guide at work." More sail more emused at what I heard and saw.

I followed you waste like one to a dream. After a walk of about a quarter of an hour, I saw Hans at muck on the other rule of the recognitions which formed our natural port. A few minutes were and I was beside him. To ray great securies, on the a was because none. To my great surprise, on the from beens of a very peculiar wood, and a great number of little, faints, bought, and please lar

about, sufficient to have constructed a fleet of shire I turned to my unch, ellest with astericlosured and som. "Where did all this wood rome from?"

"Well, there is pleasuood, for and the using of the neethern regions, refracelized by the netice of the men," he replied, materialists "Can it he pessible?" "Ves" said the learned Professor, "what you

see is called fortil mond." to promost." "But then," eried I, after redecting for a moment,

an stone, and therefore will certainly not flort." "Sometimes that is the case. Marry of these woods have become true anthencites, but others again. Ilke those you see before you, have only undergone one phase of fourth transformation. But tiere is no proof like demonstration," soded my mark micking one or two of these warries waifs and easting them into the sea.

The piece of read after harber discrepend for a moment, same to the surface, and ficated about with the carillation produced by wind and tide.
"Are you convinced?" said my unch, with a selfnatisfied smile.

"I am convinced." I cried. "that what I am is incredible." The fact was that my fourney into the interior of

the earth was varidly changing all preconceled votices, and day by day preparing me for the marvelous. I should not have been surroused to have your a flest of native rences affest upon that select

The very rext employ, thanks to the industry and ability of Hars, the raft was finished. It was about ten feet long and five foot wide. The hearns bound together with about ropes more cold and from and case launched by our united efforts, the improvised vessel forted transmilly upon the waters

On the Weters-A Eaft Voyage N the 18th of August we were up betimes There was no time to be lost. We yow had to insurpreste a new kind of beometion. which would have the edwartage of being read and featoned together, to give additional strungth, a yard made from another one, the sail a lines sheat from our had. We were fortunetaly in ne want of cordsm, and the whole on truel approved noble and

At six elvices in the marning, when the eaper bark, the victuals, the leggage, all our instruments. our wastern and a mode comie of event water. which we had collected from surrags in the rocks, were placed on the raft. Hazz had, with considerable bigorulty, contrived a rudder, which onabled him to crobb the deather apparatus with case. He took the tiller, as a matter of course. The worthy more was as pood a sailer as he was a milde held us to the shore, the sail was brought to the

wind, and we made a rapid offing. Our sea voyage had at length commenced; and once more we ware realizer for distant and unknown sections Just as we were about to leave the little neet

was wery strong an to geographic percentiature. wanted to give it a name and among others, surgreated mine. "Well " said I "before you decide I have grother

"Well out with tell

"I should like to call it Gratchen. Port Gretchen "Well, then, Port Gretchen let it be," said the kinedom occupied its wast surface to the exclusion Professor. And thus it was that the memory of my dear eirl was attached to our adventurous and of everything else? These were considerations of never-ending interest for the geologist and the memorable expedition. When we left the sheep the wind was blowing

AMAZING STORIES

from the northwest and eastward. We went dithan morbt have been expected from a raft. The dense layers of atmosphere at that dopth had great propelling power and acted upon the sail with cap-

will sound very well on our fature man,"

who had been making careful observations, was exabled to estimate the randilty with which we moved. It was far beyond anything seen in the upper world

"If," he said, "we continue to advance at our present rate, we shall have traveled at least thirty leagues in tweety-four hours. With a more ruft this is an almost incredible velocity." I cortainly was surprised, and without making any reply went forward upon the raft. Already

the northern above was fading away on the edge of the horizon. The two shores appeared to separate more and more, leaving a wide and open space for over demonstrate. Refere me I could see nothing but the vast and apparently limitless sea--ones which Huge and dark clouds cost their gray shadows below-shadows which seemed to crush that color-

less and suller water by their waight. Anything more suggestive of gloom and of regions of nother darkness I never beheld. Silvery rays of electric light, reflected here and there upon some small spots of water, brought up luminous scorkles in were whally out of sight of land, not a vestige could be seen, nor any indication of where we were

geing. So still and motionless did we seem without gay distant point to fix our even on, that but for have fangled that we were still and motionless. But I knew that we were advancing at a very repid rate. About tourism claimsk in the day, west collections

of seaweed were discovered surrounding us on all sides. I was aware of the extraordinary vacetative power of these plants, which have been known to creep slong the bottom of the great ocean, and stop the advance of large thins. But years were seeweeds over seen, so gignatic and wonderful as those of the Central San. I could well imprine how, seen at a distance, toosing and heaving on the summit of the billows, the long lines of sless have been taken

for living things, and thus have been the fertile sources of the belief in sea serments. Corr yaft owent past great specimens of fune or seawrack, from three to four thousand feet in length, immense, incredibly long, looking like analogs that stretched out for beyond our horizon. It af-

furded me great ammentent to supe on their variegated ribbon-like endless lengths. Hour after hour possed without our coming to the termination of my natience was well-night exhausted. What natural force could passibly have produced such abnormal and extraordinary plants? What

All this while we were adventing on our journey the evenius before, the luminous triate of the stmosphere was in nothing diminished. Whatever was the came, it was a phenomena upon the du-

must have been the aspect of the globs, during the

first centuries of its formation, when under the

cambined action of heat and kumility, the veretable

As soon as our suppor had been disposed of, and some little speculative conversation induled in I stretched myself at the fost of the most and presently went to sleep. Hans remained motionless at the tiller, allowing the raft to rice and fall on the waves. The wind brane oft, and the sail scuars, all he had to do was to keep his rudder smidships. Ever since we had taken our departure from the newly named Port Greteben, my worthy until had navigation, with instructions to put down even the most minute particulars, every interesting and curious phenomenen, the direction of the wind, our

every incident of our extraordinary version. From our log, therefore, I tell the story of our wayners

FRIDAY, Assess 14th. A stoody breeze from the northwest. Raft progressing with extreme rauidity, and going perfectly straight. Const still direly visible, about thuty miles to leaverd. Noth, ing to be seen beyond the horizon in front. The extracrdinary intensity of the light neither in-The weather remarkably fine; that is to say, the clouds have ascended very high, and are light and fleery, and surrounded by an atmosphere resembline alber in fusion. Thermometer + 52 degrees. About twelve o'clock in the day our suids, Hans, having resnared and builted a hook, cost his line into the subterranean waters. The bait he used concealed his book. Amrious as I was, I was for a long time doomed to disconsistment. Were these

waters supplied with fish or not? That was the impertant operation. No-was my decided answer. Then there came a spiden and rather hard top Hans coolly drew it in, and with it a fish, which straweled vialently to sorome. "A fish," cried my uncie, putting on his sportscles to examine it. "It is a sturgeon?" I cried, "certainly a small

stergeon." The Professor exemined the fish carefully, not-

ing every characteristic; and he did not coincide in my opinion. The fish had a flat head, round

beev, and the lower extremities covered with busy

scales; its mouth was wholly without teeth, the pecteral fee, which were highly developed executed direct from the body, which properly speaking had

no tail. The animal certainly beloaged to the order in which naturalists oless the sturgeon, but it dif-

fured from that fish in many ensential particulars

My uncle, after all, was not mistaken. After a long

duar box, belongs to a family which has been extribed on ago, and of which no true has ever been feared on corth, except feasil remains in the Devoitian States."

"You are means to say?" I reids, "that we have "read a liber specimen of a fish belonging to the primitive safe that each of the deposition of the primitive safe that eached before the debuge?"

"We have," said the Prefessor, who all this time one cultimating his observations, "and yes may see

"We have," said the Prefessor, who all this time was centinained his observations, "and you many see by careful commission that these fossil fish have as theority with scorting species. To hald in early leaving the scorting to the state of the order, is energible to make a rathertist knowly for life. Moreover this fish offers to our zonice a remarkable to the state of the state of the state of the property of the state of the st

waters, wells, lakes, in enverse, and such like hidden pools."

well prices: "And what may that he?"
"And white!"
"It is him?"
"It is

bowers, unjust he a suntry instead, a superior. It had not use through the hold again and once more thrown the characteristics and a suntry instead of the superior with the for in two hears we took a large masker of similar field. All, without exception were blind.

This amongsted orgative antified us to reasee our stook or provisions in a very extentiorary way. We were now earripped that this Bulleterranean.

The work some wind holds with a standard masses are already assessed to the standard masses and the standard masses are standard masses and the standard masses are standard masses and their original masses of their original masses of their original masses of their original masses which software has necessity from a three for our original masses which software has necessary and the standard holds or outlings. I took up to the standard holds of the standard masses are not the software the standard masses and the standard masses are standard masses are standard masses and the standard masses are standard masses and the standard masses are standard masses and the standard masses are standard masses are standard masses and the standard masses are standard masses and the standard masses are standard masses are standard masses are standard masses and the standard masses are standard masses and the standard masses are standard masses and the standard masses are standard masses are standard masses and the standard masses are standard masses are standard masses and the standard masses are standard masses are standa

After an examination of the ocean, I leaked upward, forerals the stronge and newterless str., Why should not one of the brink, reconstructed by the interests Caveer, they has attractives wings aleft in the doll attents of subtracesses mir? If would, of course, find quite sufficient food from the fish in the sea. I pasted for come time upon the void above.

It was an alliest end as decerted on the stones we had but stelled by the substitution of the stone with the substitution of t

ainquier eximal portoking of the nature of the rhip.

that dispersion we do clear any apparamental trace. I serviced myself back to far ages, long before man axistic—when, the earth was in too for-perfect a state for him to live upon it. The whole panerams of the world's life before the historie period, seemed to be bern over again, and more was the only human heart that heat in this suspepolal would! There were no more assume, then were no more assume, then were no more columnate, the return heat of the world in-period period and the state of the seement and the seement an

created interacting. Next, the control of the Next, turnful deliver use life a passiverse, cause the great and westerness sories of terrestrial transformations. Hereat disapparent the grantle reads last all trace of sublidy; the liquid state was read-state manufactured for that which had before actions and the substitution of the control of the cont

of gen, indosergiable in ealer, between white best and red, as big met as brilling to the series. What are extraordinary drasm? Whate would if finally take nex? My focurable hard began to write shows the marvelous obtails—defined mere life the sunglating of a header than envylving solver and magnitude of a header than envylving solver and profess overgriding—the Professor, the guide, and the raft on which we were finaling. My mind was

in a ninte of somi-chilvice. "Whet is the manter, Marry 5" only my usels, and drely.

My area, whife-were unde opened like those of a sermanicallel, were fixed upon him, but I did not

see high new rould I clearly make not anything around me.
"Eather thee, my boy," again cried my usels, "you will full into the see."
"As he attered these words, I felt anyonid asked on the other wide he the form bond of our descrip-

grap. Had it not been for the presence our develop of Ham, I must savely have fallen but to the wave and been developed mad'l' exicul my uncle, shaking anged the electer ofte. matter?" I said at lest, coning to unyout.

in an auxious tone.

"No—no; hut I have had an extracethrary dream.
But it has passed away. All now seems well," I
added, looking cround me with strangely pushed
opts.

"All schools and me with strangely pushed."

scools, solding around see with strangery pushed oyes.

"All right," said my unche; "a busntiful bream, a sphendid see. We are going along at a rapid rate, and if I am, not cut in my calculations we shall see see land. I shall not be sorry to exchange the nerrew limits of our wift for the mustrians award.

of the Subterranem Ocean."

As my uncle uttered these words, I rose and carefully assumed the herizon. But the line of water was still confounded with the lowering clouds that burn slift, and in the distance amounted to teach burn slift, and in the distance amounted to teach

the edge of the water.

Terrific Sturian Combat ATURDAY, Appart 15. The set still retains

its prefern recordance. The same leader has the same sternal stare from above. No indicatica of land being in sight. The horsson appears to retreat before us, more and more as we advance. My head is still dull and beavy from the effects of my extraorditary dream, which I cannot as yet

benish from my miof. The Professor, who has not dreamed, is, however, in one of his morone and unaccountable burners. Spends his time in sounding telescope in raised every moment to his even and when he finds nothing to give any dow to our whereabouts, he assumes a Napoleonic attitude and walks arxicus

I remarked that my uncle, the Professor, had a strong tendency to resume his old impatient charactor, and I could not but make a poin of this disagreeable discussiance. I saw clearly that it had required all the influence of my danger and suffering, to extract from him one scintillation of bumana feeling. Now that I was cults recovered, his

orgetted nature had concincted and obtained the surce hand. "You seem uncasy, uncle," said I, whon for about the hundredth time he put down his telescope said walked up and down, muttering to houself, "No, I am not uneasy," he replied in a dry harsh tone, "by no means," "Perhans I should have said impatient." I replied.

softening the force of my remark. "Encurb to make me so. I think." "And yet we are advancing at a rate seldem attaked by a raft." I remarked "What matters that?" cried my smele. "I am not vessed at the rate we so at, but I am amound to find the see so much waster than I expected,"

terranean Ocean, as at most about fifty leagues, New we had traveled at least ever thrice that distance without discovering any trace of the distant shore. I beens to understand my pucke's anxer. "We are not only down," suddenly explained the Professor, "We are not progressing with our event direcoveries. All this is other loss of time. After all, I did not come from home to undertake a party of planeurs. This voyage on a raft ever a

He called this adventurous fourney a party of pleasure, and this great Island Sen a pend! "Bet." arghed L "if we have followed the reute fudicated

Brung." "'That is the question,' as the erest, the immorin) Shakesmeare has it. Are we following the mosts indicated by that wondrous sage? Did Saksussem ever fall in with this great sheet of water? If he did, did he cross it? I began to four that the

rivulet we adopted for a guide has led us wrong," "In any case, we can never regret having come thm far. It is worth the whole journey to have enjoyed this resgnificent spectacle-it is something to bave reen." "I care nothing about seeing, nor about magni-

figent spectacles. I came down into the interior of the earth with an object, and that object I mean to attala. Don't talk to me about admiring scenary, or any other soutiemental trash." After this I thought it well to held my toness. and allow the Prefessor to hite his lies until the At six o'clock in the evening, our matter-of-fact guide, Hans, saked for his week's salary, and recolving his three rix-folians, put them carefully in

his pocket. He was perfectly contented and astis-SUNDAY, 16th August. Nothing new to record The same weather as before. The wind has a clicke tendency to freshen up, with signs of an approaching sule. When I awake, my first observation was is recard to the intensity of the light. I keep on fearing, day after day, that the extraordinary elec-

then on wholly out, leaving us in total derimost Nothing of this kind congr. however. The abadeur of the raft, its most and sails, is clearly distinguishod on the surface of the water. This woodross see is, after all, immense in extent. It must be quite so wide as the Mediterranean-or perhaps even as the great Atlantic Ocean Why, after all, should it not be so? My uncle has of a cord, which he allowed to run out to the extent of two hundred fathoms. We bud the greatest difficulty in bointing in our povel kind of hed. When the crowler was finally dragged on board,

Ham called my situation to some alogular marks mon'its perface. The piece of free looked as if it I looked at our worthy guide with an inquiring riance, "Tornier," said he. Of course I was at a loss to understand. I turned round towards my uncle, absorbed to electory ve-I then recollected that the Professor, before our fections. I had little wish to disturb him from bisdeparture, had estimated the length of this Subreverse. I secondingly turned once more toward our worthy Itelander. Hans very quietly and significoutly opened his mouth once or twice, as if in the not of biting, and in this way made me understand

> "Teeth!" cried L with stunedaction, as I exemined the ker of iron with more attention. Yes. There can be no doubt about the restter. The indencations on the ber of iron are the marks of teeth! What jaws must the owner of such molera ter of unknown species, which still exists within the vast weste of waters-a measter more verselous.

> than a shark, more terrible and bulky than the whole. I am unable to withdraw my aven from the It, then, my dream about to come true-z dread and terrible reality? All day my thoughts were bent upon these speculations, and my imagination

scarcely regarded a degree of calmness and power of reflection until after a sleep of many hours. This

MONDAY, August 17th. I have been trying to realize from memory the particular instincts of those autodiluvian arounds of the secondary period. which succeeding to the meliusca, to the crustness,

### A TRIPTO THE CENTER OF THE PARTH and to the fah. revealed the appearance of the race; of the water by some wondrous and mysterious

of waterifest. The expension of modiles then reigned supreme upon the earth. These hideens meretary ruled overwithing to the case of the case ordary period, which formed the strata of which the Jura mountains are composed. What a glesselle structure was theirs; what wast and prodigious strength they possessed! The existing goardane. which include all such reptiles as linurds, around beof their class, are but feeble imitations of their

mighty sires, the smimals of ages long age. If there were giants in the days of old, there were also otomific animals.

I shuddered as I evolved from my mind the idea. and recollection of these awful monstern. No eve of man had seen them in the feeb. They took their walks shroad upon the face of the corth themsends of ages before man came into existence, and their fossil hones, discovered in the limestone, have allowed as to reconstruct them enemously and

thus to get come faint idea of their colouge farmer I wondert once assing in the great Murcum of Hamburg the skuleton of one of these wonderful the area to the tail. Are I, then, on inhabitant of the earth of the present day, destined to find myself face to face with a representative of this enter diluvian family? I can sucrosly believe it possible

asn hardly helieve it true. And yet these marks of proverful teeth ways the bur of board our there be a doubt from their shape that the hite is the hite My soas stars wildly and with terror upon the auhterraneen sen. Every mement I serpeet one of depths. I fancy that the worthy Professor in some

measure shares my rotlons, if not my fears, for "What could possess him to leave the land," I thought, "as if the cepth of this water was of say

terrible monator in his watery home, and norther we may may dearly for our towardty." Arrives to and new that they were in a fit condition for nea My untile looked on at me and notified his head an provingly. He, too, had noticed what we had to

Already the reliffing of the waters on the same face indicates that something is in motion below. The danger approaches. If seems parrer and name TUESDAY, August 18. Evening earne at least

the hour, when the desire for along cannot our even Mis to be heavy. Night there is not, properly speak. ing, in this place, any spire than there is in sure. vier in the specie replets. Have heavener to bee movable at the rudder. When he snatches a moment of rest I readly counst any. I took adventage

of his wirdlenes to take some little weenes Two hours ofter I was awakened from a house alosp by an awful shock. The raft appeared to have

"Eh, what is it!" eried my uncle starting un. Here reveal his hand and neighted to where about two hundred varies off, a buse black mass was moving up and down. I looked with awe. My worst fears were realized. "It is a colousal menster!" I coled, clasping my bands, "Yes," cried the agstated Professor, "there youder is a burn ass litard of terrible size and shape."

"are we shipwrecked, or what?"

"And farther on behead a producious errecodile.

teeth. Hal be has goos." "A while! a while!" shorted the Professor "I can see his quormous fins. See, see, how he blows alr and water!"

Two Neural columns rose to a vast height shows the level of the see, into which they fell with a terrific crash, welting up the orbors of that awful pince. We stood still-surprised, stanefed, terrorstericion at the sight of what seemed a comm of fearful marine monsters, more hideous in the regi-

ity than in my dream. They were of supernatural Plusterious, the new smallest of the other sector with a single hote. Harn solving the tiller which had flowe out of

his hand, buts it hand a weather in order to excure be do so, then he finds he is flying from Seylin to Charybdia. To be start for a forthe about from facts wide, and a across quite as long, with an engrouse and bideous head peering from out the waters. Look which way we will, it is impecable for us to fiv. The fearful rentiles advanced upon us; they

turned and twisted about the ruft with awful yas nidity. They formed around our devoted vessel a suries of concentric circles. I took up my ride in despuration. But what effect can a ride-ball produce upon the arrece scales with which the bodies of We remain still and dumb from other horser.

They solvenee upon us, meaver and nearer. Our fate appears orrigin, fearful and terrible. On one safe the mighty croppdile, on the other the greed nea serment. The rest of the fourth ground of wayse and disappeared!

I was about to risk all and fire, to try the effect of a shot. Hans, the stuide, however, interfered by a sign to sheek me. The two hidsons and reconcusmonsters passed within fifty fathous of the raft. and then made a rush at one another—their fury and rase properties then from sealor us.

The combut commenced. We distinctly made and course action of the two hideons managers. To over excited imagination the other animals appeared about to take mart in the flores and deadly struction -the meinter, the whale, the litted, and the turtle. I distinctly may them every moment. I related them out to the Icelender. But he only should him

kend. "Tw," he said. "What-two only does he say? Surely he is mistaken" I cried, in a tone of wonder

"He is quite right," realied my uncle epolly and philosophically, examining the toyvible duel with his

#### AMAZING STORIES telescone and speaking as if he were in a locture a mashfrom in the midst of the sea. We were very

"How can that he?" "Yes, it is so. The first of these hideous monsters has the amount of a purpoise, the head of a licard, the teeth of a crocodile; and it is this that has de-

"The other is a monatown cornent concealed

uniar the hard waited shell of the turtle, the terrible enemy of its fearful rival, the Plesiceaurus, or See Creedile Ham was quite right. The two mousters only disturbed the surface of the sea! At last have

primitive ocean! I saw the flaming red even of the lebthypanurus, each as big, or higger than a man'e wondrous marine unimal with an outstal arearates of extreme power, capable of remaining the pressure of heavy layers of water which rolled over him in has by some authors truly been colled the whole of

meetions as our kine of the seas. This one measured rot less than a hundred feet to length and I could form some idea of his girth, when I saw him lift his predictors tad out of the waters. His law is of awful size and strength, and according to the best-informed voturalists, it does not contain loss

The other was the mighty Pleateraurus, a serrent with a cylindrical trunk, a short atmury tail, and fine like a bank of sore in a Roman gallay. Its its reck, as derible as that of a awar, rose more than thirty feet above the waves, a tower of ani-These eximals attacked one another with inconcolymbia fury. Such a combat was nover safe has

dream than aurthing else. They raised mountains of water, which dashed in speny over the raft, almarks toward to and fro he the server. Compte times we seemed on the point of being uport and hurled headform fato the waves. Historia blones appeared to shake the gleomy granite roof of that mights covers—blass which covered terror to carbeauts. The swful combatants hold each other in a tight ambress. I could not make cut one from the

other. Still the combat could not last for ever; and was note us, which nower herame the victor. One hour, two hours, three hours passed away, without any darlates result. The structule continued with the ages stark tenseity, but without apparent result. The deadly emeasure now approached, now they were about to leave us altogether, but instead of that, they came nearer and nearey. We crouehod mark drawn down for the independent of the uniteral Several minutes slapsed before anything was again same. Was this wonderful combat to and in the double of the occors? Was the last ask of this terrible frame to take place without sportstow? It was impossible for us to say, Sufficily, at no great distance from us, an enormone mass rose out of the waters—the head of the

great Plesiseaurus. The terrible monster was enormous body. All that could be distinguished was his perpendike nack, which he tweeted and was his supermental next, which he twirted had cruised in all the agentes of death. Now he strack the waters with it as if it had been a simuntic whip, and then again wriggled like a weem cut in two. The water was apurted up to a great distance our raft and nearly blinded us. But soon the ead of the boast precrosphod nearer and nearer; his censed; and at last the body of the mighty snake lay an inert, dead maps on the surface of the now calm and placid waters.

As for the lighthronourus, has be rone down to his nighty cavers under the sea to reat, or will he rearrang to destroy us? White constitut remained unanswered. Hearwhile we had breathers time. The flan Monates

TEDNESDAY, August 19. Fortunately the of the unregalished and extraordinary struggle. at the helm. My unde, who for a short time had been withdrawn from his absorbing reverie by the news incidents of this sendaht, fell back, areareathy into a brown study. All this time, however, Ory vorses you became more tenant and uniform

Dull as it has become, I have no desire to have it broken by any repetition of the perils and adver-THURRDAY, August 20). The wind is new N. N. H., and blows very irregularly. It has changed to fitful musts. The terrograture is exceedingly bleb. We are now progressing at the average rate of about ten miles and a half ner hour. About

twelve o'clock a distant sound as of thurster foll uren our ears. I make a note of the fact without one continuous year as of a sea falling over mighty "Far off in the distance," said the Professor deg-

matically, "there is some rock or some island assurant which the sea, lashed to fury by the wind, in break-

Rees, without savine a word, elambered to the on the raft ready to fire at them at a moment's ton of the most, but could make out nothing. The notice, need as the proceed of burtles or terrifyles

them was. Still we were determined not to period without a strongle. Three herrs named without any clem to indicate Suidenly the lehthwasaurus and the Plesiosaurus what might be before us. The named began to exirres that of a mighty datarast. I expressed my opinion on this point atrengly to my mais. He came into that part of the world to be product, merely shock its head. Are we attending towards' Such is my unde's determination.

arreity according to the state. Arrow as switzening towers one mighty waterful which additionally give to a long and the state of the sales and the sales are supported by the sales are sales are supported by the sales are sales are supported by the sales are sa

water, or in the sky! I sake aloft at the suspended vapore, and I seek to preserve their rulpike depth. But the wall show is travaged. The chands, which are now alreaded to the very tearnel, agrees ratingly all their of chartric light. It is measured the of chartric light. It is measured, the or of the chartric light. It is measured, therefore, to not for the cause of the phenomeron showshere. I assuming the hesition, you perfectly edit, pure

rick for the curve of this phenomators alsowhere. I assuming the hestitus, now profestly calls, para and fire from all beas. It aspect that promising an element of the state of the spect that the state of the content of the content of the state of the

cakit there is no such thing. An empty brittle could into the worker like to increase withhost motion. About four o'choick Hans sloos, dizmères up the next and revolves the truck that. From this observation of the state of the second of the second is a vasic direction receive of the occas. At leek, his is a vasic direction of the occas. At leek, his open resurch freed. Hat face expresses me autorizhteast, but his eyes alguity dilate. "He has seen eccuthing at last," orgoin up my

"I think on," I replied.

House came down, stood health us and pointed with his right hand to the couth. "Der serv," he stool.

"There," replied my uncle. And solving his false."

sceps he lecked at it with great attention for shown a minute, which to see appeared an age. I know not what to think or expect.

"Yes, yes," he cried in a tone of considerable surprise, "there it is."
"What?" I saked.

"A tremerison open of water rising out of the waves."
"Some other marine moneter," I cried, already abarted.
"Perheap."

"Perhaps."
"Then let us after more to the westward, for we know what we have to expect from antedfravian animals," was my eager repty.
"Ge absed," said my earth.

I lursed broate Hern. Here was at the tilter scoring with his usual meliturated cain. Never-beloss, if from the distance which cognetical regarding the strength contracture, a distance which must be submitted at no less them a down lenguas, and this sparting of water proceeded from the pranks of seems assembly when proceeded from the pranks of seems assembly with a present size of the present size of th

the we come, the fortier is the openting water. What we come, the fortier is the openting water. What we come, the fortier is the water, and then measuringly spoul them out in 18th original to 18th of 18th in 18th of 18th in 18th original water there is day and night, we are not more than two largest form the mighty head.

not make that two largest four the mighty beast, fe larry, block, encourage, mornishesus body, lies on the top of the water like on Island. But then sallow have been said to have goes athore on deeping whales, mittal larg them for land. In it Illicotes, as it if face? It is larger carrot be is as than a theusaid fatheons. What, then, is this estances menmetherises and proceeds the measures of sizes.

sant tanders. What, true, it this etislization is notsite of which no Covier over throught? It is quite
modelization and processed the appearance of size,.
The ros seems caude to lift this repearancy in the
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f I housely confess that I was abjectly afraid. I declased that I would ge no further. I therefored is not general to out the above of the sail. I ablacked the Professor with considerable arrivency, calling this feelbardy, red, I know not what. He must be answer. Suddenly the importunished Ross case more pointed his flager to the menscaling object. I desire the professor of the professor of

"An island?" oried my unde.

"An island?" I replied, shrugging my shoulders at this poor attempt at deoption.

"Of course it also oried my under heavitys take at

at this poor strategy at exception.

"Of certain right order my uncle, harsting late a
licel and hypogradium."

"But the spater spout?"

"Geyman," said Hare.

"Yes, of Yourse—a geyman," realised my uncle, attill

"Not, of volution—a goyaer," requised my useds, still supthing," a grover life these centrates in Icaland. Not safe this are the great worders of the country." At first I would not allow that I had home no growly decelved. What could be more riditations than to have taken an itland for a marine measured but to have taken an itland for a marine measured, but title as one many, one must yield to orthones, and

But but as one may, one must yield to evidence, and N was finally convinced of my error. It was nothing, after all, but restoral phenomenon. As we approached nearer and nearer, the dimensions of the logish sheet of water became truly grand and supersions. The island bad, at a dismuse, revenied the arrestance of one convenience.

when the state of the state of

the states of the results of the states of the clouds, the states of the

the "Let us go on shore," said the Professor, after a he some minutes of effects. It was necessary, however, not to take great presenting, in order to swell the

### welcht of falling untere, which would exuse the raft to forester in an instant. House becomes observed admirably, and brought us to the other extremity I was the first to less on the rock. My uncle follike a man above any childish sources of astenishment. We were now walking on examine, wined with

like the sides of boilers to which over-heated steam is foreibly confined. It was burning. We soon came in sight of the little central boars from which rose the sever. I plunged a thermometer into the water which ran bubbling from the center, and it marked a heat of a hundred and shity-three degrees! This water, therefore, came from some

place where the heat was integer. This was singularly in contradiction with the theories of Professor Hardwiser. I could not help telling him my colnian

"Well," said he sharnly, "and what does this prove against my dectrine?" "Notkino," replied I dryly, seeing that I was running my head against a foregone conclusion. I am

compelled to confess that until now we have been most remarkably fortunate, and that this voyage in temperature; but it appears evident, in fact, egrisin, regions, where the central heat will reach its utgradations of thermometers. Visions of the Hades

of the arclants, believed to be in the center of the However, we shall see what we shall see. That is the Professor's favorite obrazo now. Visting christened the volcanie island by the name of his penbow, the leader of the excedition terred away and gave the argual for embarkation. We well care-

fully round the projecting, and rather desirerous' rocks of the mothern side. Hene had taken adventage of this brief halt to repair the raft-toot Refore we took our final departure frees the inland, however, I made none observations to reigniste-

the distance we had gone over, and I put them down in my Journal. Since we left Post Gretchen, we had than eight hundred miles-on this great inland sea;

> CHAPTER XXXII The Rattle of the Elements

RIDAY, August 21st. This morning the range nificent gayrer had wholly disappeared. The wind had freibrood up, and we were fast leaving the neighborhood of Henry's Island. Econ

the rearing round of the muchty column was last The weather, if, under the circumstances, we may suddenly. The atmosphere to being gradually leaded with vanors, which carry with them the electricity formed by the constant evaporation of the

rearwage of enerthous halls of cotton, or reibernode, relied one above the other in meturesone confusion. By degrees, they appear to swell cert. break, and exis in number what they less in orandeur; their beaviness is so great that they are unable to lift themselves from the burizon; but under the influence of the upper currents of sir, they are gradually broken up, become much farker, and then present the armearance of one single layer of a formidable character; now and then a lighter cloud, still lit up from above, rebounds men this There can be no doubt that the entire atmosphere

fulling towards the sec. and are assuming a dark

allow texture; the electric rays can occreely places

through the seasure curtain which has fallen like a drop-scene before this wondrous theatre, on the

stage of which another and terrible drama was more to be enacted. This time it is no fight of animals;

it is the fearful battle of the elements.

of my companions westured to touch me, I think he would receive rather a violent and unpleasant About ten o'clock in the morning, the symmtoms of the storm became more thorough and declaive; the wind appeared to soften down as if to take above us looked like a huge bug-like the cave of Acoles, in which the storm was collection its forces in the menering signs of the sky, and yet I could lieve we are going to have bad weather." The Professor made me no answer. He was to a borrible, in a detectable humor-to see the ocean

imprograted; my hairs literally stand on end as if

under the influence of a calcade battery. If one

stretching intermunably before his own. On hearlog my words he simply shrugged his shoulders. "We shall have a tremendana storm," I said again, pointing to the horizon. "These clearly are falling lower and lower upon the sea, as if to crush A great silence prevailed. The wind whelly cessed. Nature assumed a dend calm, and cassed to breathe. Upon the most, where I noticed a sure of slight lowls future, the sail hung in loose heavy folds. The raft lay metionless in the reldst of a

dark heavy sea-without undulation, without metion. It was as still at class. "Let us lower the Sall." I said, "It is only an act of common prudexce. "No-no." cried my unsit, in an exasperated tone, "e bundred times, no. Let the wind strike up

it will-only let me are the glimmer of some constof some rocky cliffs, even if they dash our raft into a thousand pleces. No! keep up the sail—so mat-ter what impores."

Those words were scarcely uttered, when the coutborn borings underwent a sudden and violent change. The long segumulated vanors were resulted

into water, and the air required to fill up the world produced became a wild and raring tempest. It caline waters; the clouds are slowly but sansibly cavern. It meed from every point of the com-

### A TRIP TO THE CENTER OF THE EARTH

pass. It rearred; it yelled; it shrished with give as of demons the loses. The desicates increased and learner infected distincts ratible.

The raft row and fell with the sterm, and bound-of ever the waves. My unde was cost bankles upon the size, With great distinctly I dragged my-self towards him. He was habiling on with might and main to the end of a, oddle, and appeared to

and main to the end of a colde, and appeared to gase with pleasure and delight at the spectade of the unchained elements.

Hans ower moved a muscle. His long hair drivce hither and thither by the tempest and scriptored wildly over his moticuless from gave him a most extraorditure, unsurance, for recent sincle help

wildly over his moticuless free, gave him a most extraorditary appearance—for every single half was illuminated by little specialing apreps. His countenance presented the extraordinary appearment of an anterditarian man, a true outstrupprary

once of an anteclitavian man, a true contemporary of the magatherium. Still the most holds good against the storm. The sail spreads out and fills like a soup bribble about

to burst. The raft rushes on at a pace impossible to estimate.

"The sail, the sail!" I oried, making a trumpet of my hands, and then endeavering to lower it. "Let it slenc!" said my units, more enaporated

than ever.

"Mei," and Hana, gently shaking his bead.

"Nei," and Strong rently shaking his bead.

The Train Genned is routing estimate batter this.

The Train Genned is routing shaking the middle of the was were runking like madeun. But before this willetensas of waters reached us, the mightly will of cloud was terra in twalts; the sea began to foom widtly. To the fearful claps of themder were officed described in the sea of high cloud country of the sea of

every pide; while the thranks came pinking like as echo.

The mass of waper becomes inconducent; the o individuous which strike the netal of our boots and our waspuns, are actually luminous; the waves agthey rise appear to be free-cating measure, benatal which seems on interned for, their chair amountainty by serious of all the pays an engineering the contract of the contract of the contraction of the contract of the conposite to the contract of the conposite to held on the must, which bands like as

reed buseasth the violence of the storm, to which name over before seen by markers here any resemblane.

Here my traveling notes become very incomplete,

Here my travening notes become very monapses, lesses and vague. I have only been able to mike out case or two fugitive observations, detted down in a more mechanical way. But seen their hereity, own their observity, abow the emotions which overcome me.

Stream, August 23d. Warre have we got to! In what region are we wandering! We are still coried ferward with inconstruite repidity. The sight has been farrial, correlating ont to be deactibled. The storm shows no signs of consulten. We exclude it the middle of an upper which has no sumes. The determinant and of stillarly are foressent. Our near factorily block. We are making to exclude the consultations are of stillarly are foressent. Our near factorily block. We are making to a visual control of the stillar to the stream of the region of the stillar to the stream of the region of the stillar to the stream of the region of the stillar to the stream of the region of the stillar to the of this neighbout of mighty washs. If it were to give way and high one as! Other lightings primer their borded streams to energy direction, and take the form of globes of five, which explode like bornishalls over a indexpensed city. The general cruckand court does to presently increase; it has alreamy good far beyond what lustime are can appreciate. If all the prodedemagnations in the world were to explode together, it would be impossible for us to have recover none.

near worse passe.

There is a constant emission of light from the storm-clouds; the electric metter is inconsently released; incustorable columns of water rush up like watersposts; and full back upon the surface of the occur in foam. Whither are we geing! My uncle cell lists at full lease th orm the raft, without wasks.

tini me at rus segue upon the rarr, witcom spensings—witcom taking any note of time. Mconnay, August 24. This terrible storm will never and. Why should not this other of the atmosthern, so dence and marky, once modified, he-

mover one, why seems not has some or use memorphics, so donce and murkly, once not intelligent become parameters. We are utterly broken and barassed by fatigues. Hans remains just as usual. The raft runs to the south-out invariable, we have already some two

handred begans from the newly-discovered binned. About twelve elocity in storm becomes were than ever. We are obliged to fustes every life or carpo tightly on the desk of the orat, or everything usuall be aveget away. We the orandwar to the much, such must limiting the other. The waves drive water, the contract of the sevent time we are actually under water. We had been under the pointful reconstity of ab-

staining from spaces for three drop and three nights. He opened our mostles, we meved our bigs, log, nor-spand came. Even when we pixed our possible to cosh pheric some it was the same. The spiral Starried the vetee enway. My under once contrigal to get this based does to make after several tright of the start of the start of the start of the extensived series to methods some word. I had a mostless, more from institute the surveyer and a position, more from institute the naturalizer date.

be said to me, "we are leat."

I took out my note book, from which under the
most desperate circumstances I never parted, and
spife a few words as legibly as I could—"Take in
all." With a does sigh he noded his hand and

acquiesced. His book bod scarcely time to full back in the Bull book bod scarcely time to full back in the position from which he had momentarily raised it, when a disc or hall of fire appeared on the vary edge of the raft—our devoted, our doorsed craft. The most and sail were centred away bedily, and I saw them swept sawy to a prodigious height like a kite.

We were freez, actually inhereing with terror. The ball of fire, half white, half asser-colored, however, the also of a terricula bencheald, several along, turning with predigious rapidity to leavard of the storm. It ran absul here, there and everywhere, it dismissed up one of the britweries of the init, it is leaped upon the sack of previousni, and then finally the property of the sack of previousnic, and then finally the property of the sack of previousnic, and then finally the sack of previousnic, and then finally the sack of previousnic and the sack of the sack of previousnic and the sack of prev

OFF power artistion. An explosion new second inevitable. The descring disc moved to one side, it approached Hana, who leaked at it with singular fairly; than it approached my which, who can't benself on his kness to avoid it: it came towards ms. as

### 'AMAZING STORIES

I stood paic and shaddering in the desstipe light and bast; it pronouted resumd up feet, which I can deserved to withfraw. An oder of mircus gas filled the whisel art; if procestered to be threat, to the langs. I felt receive to choke.

Way is it that I cannot withfraw my feet? Are they riveded to the stereing of the ratif's No. The fall off the shortest globs has termed all the iron on board into localizons—the materimanis, the tools, the arms are classified topother with availing

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and or the asserting pieces and turneds in the real customer that itself-tomer—the maximum to, the tools, the arms are changing together with anyther and horrible mobile; the nulls of my heavy boots adbere chosely to the plate of iron imbedded in the word. I cannot witchness my foot. At last, by a voolent and almost superhuman offect, I than it newly just as the hall which is still feet, I than it newly just as the hall which is still

feet, I team it away just as the hall which is still ascenting the gyrabory motions is about to renround it and drug me with it—if— O what intense stopendous light! The globe of fire hurats—we are caveloyed it essendes of living

fire, which flood the spece around with luminous matter.

Then all went out and darkness once more fell upon the deep! I had just time to see my unsels cose more east apparently success on the footing of the raft, Hans at the belm, "splitting fire" under the influence of the abstraint's which somest to have

Trumary August 28. I have jost ecce out of a long finiting fit. The awful and bideous storm still continues; the lightning has increased in vividness, and purso out list facey wrath like a brook of serpents let loce in the strengthers. Are we still upon the sea? Yee, and baling extried along with interelities velocity. We have passed

gene through him.

under England, under the Channel, under France, probably under the whole extent of Europe.

Another awful classer in the distance. Tals time it is certain that the rea is breaking upon the recks at no resul distance. There—

# CHAPTER XXXIII Our Route Revered

RRE code what I call My Journal of our wayage on board the raft, which Journal was beging saved from the wreck. I procood with my nearestive as I did before I communed

my dilly note.

What happened ohen the terrible shack took place, when the raft was east upon the rocky shore, it would be impossible for me now to say. I felt myself presignated videntity into the builting wave, and if I estaped from a certain and croel death, it was whally owing to the determination of the faith-

was whish, owher to the determination of the failinfield Hain, who clatching me by the arm, awad me freen the yearning always. The correspond to the December of the control of the read of the waves, aged lidd me down upon a burning equation of card, where I found moved only any the men approximation of where I found moved only the control of the whore I found moved only the control of the other of the control of the control of the control profession of the control of the control of the which the furfaces water the fall recks, against which the furfaces water were besting, in order to seem are state which from the wrost. This sum

I could not after a wood: I was quite overcome

which, however, I was made to touch; achmands by the three wear, days not injusted of stabiling, we fell into a deep and painful alongs. By decame were fearful, lat a host eshausted nature asserted her appearance, and I stemshowd.

Next day when I awohn the change was marginal. The weather was magnificent. All and as, as If by mutual country, he registed them seemed, Ferry parent. I was saled to my swakening by the first forces from the late of the parent was a substituted on my swakening by the first forces two it I has beard from the Professor for

with emotion; my whole body was broken and bruised with futigue; it took home before I was

anything like myself. Meanwhile, there fell a fearful deluce of rain, dropping us to the skin. Its

end of the storm. Some overhanging rocks afforded

Under this shelter, Hans prepared some food,

us a slight protestion from the torrents.

many a day. His gravity, Indeed, was nonsulting herrisks. "Well, me had," he cried, rubbing his hunds together, 'have you abopt scendig?" Alight, it not have been supposed that we were in the old bruse on the foreigntrasse; that I had just in the old bruse on the foreigntrasse; that I had just marriage with Gretchen was to take place that way day? My math's excitones was examperating. Alsa, considering how the tempest had driven us

Acts, establishing now the starped and nerves to in an austracy direction, we we had passed analost the whole of Gormany, make the efty of Hamburg where I and how as happy, under the very steet; which contained all I loved and exercif for in the world. It was a possible fast that I ame only estationable of the property of passed through my mind, before I attempted to resource to end the property of the resource to end the property of the property of the resource to end the property of the property of the resource to end the property of the property of the resource to end the property of the proper

"Why, what is the matter?" he cried, "enmot you say whether you have dept well or not?"
If have about very well," was my reply, "but every hene in my body nobes. I suppose that will bed to nothing."
"Nothing at all, my by. It is only the result of the fattings of the hat frow days—that is all."

the fatigue of the hot few days—that is all."
"You appear—if I may be allowed to say so—to
be very july this monitor," I said.
"Delighted, my deer boy, delighted. Was never
happler to my life. We have at last resthed the
wished-for part."
"The end of our expeciation?" grid l. in a tens

of considerable surprise.
"No; but to the contrast of that see which I began to fast would acce cal, but go round the
whole would. We will now transpilly resume our
journey by kund, and once again endeavor to dive
into the center of the Earth."

"My deer usels," I began, in a hesitating kind of way, "allow me to ask you one question?" "Certainly, Harry; a those if you think proper." "One will suffice. Bow about getting book?" I

"One will suffice. How about getting back?" I relead.

"How about getting back? What a question to sale. We have not as yet resched the and of our

journey."
"I know that. All I want to know is, how you propose we chall manage the return veyage?"
"In the most simple manage in the world," and

court center of this sphere, either we shall find a new road by which to severed to the nurface, or we shall simply turn around and go back by the way we come. I have every remon to believe that while we are traveling forward, it will not close behind

"First one of the first matters to see to will be to receir the raft," was my rather melencholy re-

"Of course. We must attend to that above all

"Then comes the all-important question of provictors." I arred, "Have we anything like enough left to enable us to accomplish such great, such consting, designs as you contemplate carrying out?" "I have seen futo the maiter, and my answer is in the affirmative. Haze is a very clover fellow, and

has neved the greater part of the cargo. But the best way to satisfy your scruples, is to come and judge for yourself." Saying witch, he led the way out of the kind of open grotte in which we had taken abeltoy. I had almost began to been that which I should rather have feared, the impossi-

billity of such a shirtwood leaving even the slightest signs of what it had carried as freight As soon as I reached the aboves of this telend ses, I found Hans standing gravely in the midst of a large number of things laid out in complete order. My uncle wrung his hands with deep and affect gratitude. His heart was too full for speech. This rose, whose superhuman devotion to his ampleyers, I never new surpassed, nor even equaled, had been

hard at week all the time we slept, and at the risk Of course, under the circumstances, we necessarily experienced several severe leases. Our weapons had wholly vanished. But experience had taught us to do without them. The provision of powder had,

however, remained intact, after nearly blowing us, "Well," said the Professor, who was now ready to make the best of exerciting, "as we have to sums, all we have to do is to give up all idea of

"Yee, my dear sir, we can de without them, but what about all our instruments?" "Here is the munowater, the most useful of all, which I chidly accept in Ben of the rest. With it akers I can colculate the druth as we proceed; by the

means alone I shall be able to docide when we have reacked the center of the earth. He, hal but for this little insframent we might make a mistake, and ven the risk of coming out at the entiredes?" 'All this was said smid barsts of meastered lengther. "But the compass." I cried, "without that what

can we do !" "Here it is cafe and sound?" he cried, with real the thermuneters. Hous the hunter was indeed an

nantical and other instruments were concerned notining was warting. Then on further examination, I found ladders, cords, picksom, crowbars, and shovels, all scattered about on the share. "But what

row along the streed, and proved in a capital state of preservation; the sea had in every case respected their contents. Toking into consideration buscuits, sait meat, schiedem and dried fish, we could still calsplate on keying about four menths' samely, if ment with prodence and caption, "Four months," orned the sanguine Professor, in high rice. "then we shall have plenty of time both to on and to come, and with what remains I under-

plied my myse granale. The house which contained

our supply of food for the voyage were placed to a.

take to give a grand dinner to my colleagues of the Johanneem. I sighed. I should by this time have accustomed moreif to the temperament of my uncle, and yet this man asterished me more and more every day. He

was the greatest bumon cuigras I had ever known. "Now," said he, "before we do anything clas we must lay in a stock of fresh water. The rain has fallen in abundance, and illed the hollows of the granite. There is a rich supply of water, and we have no fear of suffering from thirst, which in our circumstances is of the last importance. As for the

raft. I shall recommond Hens to repair it to the best of his shillities; though I have every resson to believe we shall not require it ugain." "How is that?" I coled, more amused then ever at my uncle's style of reasoning. "I have an idea, my dear boy: it is none other same spening as that by which we entered."

An idea had more than once taken postession of me; and this was, that he was going road. Little did I know how true and prophetic his words were "And now." he said, "having seen to all these matters of detail, to breakfast," I followed him to

a scot of projecting cape, after he had given his lest enstructions to our guide. In this original position, with dried mest, listcoit, and a delicious cup of tea, we made a satisfactory meal-I may say one of the most welcome and pleasant I save remember. Exhaustion, the less atmosphere, the state of calm

after so much septation, all contributed to give me an ownellest assection. Indeed it contributed way much to producing a pleasant and cheerful state of While breekfast was in hand, and between the sine of warm ton. I called my mode if he had any idea of how we now stood to relation to the world

above. "For my nort." I added. "I think it will be rather difficult to determine," "Well, if we were connelled to fix the exact suct." said my uncle, "it might be difficult, since during the three days of that awful temport I could know up

the direction in which the raft was going. Still, we will endeavor to approximate to the truth. We shall not, I believe, he so very far out," "Well, if I recellent rightly," I replied, "our less

"Harry's Island, my boy! Harry's Island, Do not decline the honor of baving named it, having given your pame to an island discovered by ue, the first huffirm beings who tred it since the creation of

the world!"

AMAZING STORIES

"Let it be so then. At Harm's Educal on had direction we expected way the month! It pointed to of see, and we were, I believe, about six hundred I shook the compass; exemined it with a curious leagues, more or less, from Iteland." "Good. I are gird to see that we remember so No blooded in any way explained the observements.

well. Let us start from that point, and let us court four days of storm, during which our rate say that our velocity must have been about eighty There were then three hundred leagues to be additi "Yes, and the Control See west extend at least six hundred leagues from side to side. Do you know

my boy, Harry, that we have discovered an inhead way. It may be bundreds of miles in length,"

because to the twenty-four bours."

"Very likely "Then " said I, after calculating for some minutes. "If your previsions are right, we are at this

"Yes, I am almost certain of it. Are we not ains "That is perfectly true, and a formers hit of year we have traveled, my low. But why we abould he under the Mediterronces more than easier Turkey

or the Atlantic Ocean can only be known when we are sure of not having desinted from our course; and of this we know nothing." "I do not think we were driven very far from our

about the arres. My aminism is that this above much "Good-I hope so. It will however, he easy to deather the matter her telling the hearings from our departure by moses of the compass. Come along and we will consult that involutie invertion." The the rock where the indefatignble Hann had placed the testromests in safety. My profe was ear and

light-hearted; he rubbed his bands, and sourced all nosts of attitudes. He was to all appropriate our rors a young man. Since I had known him never had he been so smithly and pleasant. I followed him, rather carlors to know whether I had made any relatable to my estimation of our nealtien. As morn to see had reached the rock, my uncle took the corresponding phone of the property of the party and

shoken it to give vivacity. It assillated complderable. The Professor best his even eurlously over the wondress instrument. A violent start immediately

aboved the extent of his smotion. He closed him even, rubbed them, and took another and heeper servey. Then he turned slowly round to me, sturefaction depicted on his countenance

"What is the matter?" said I, burishing to be He rould not speak. He was too overwhelmed for words. He sirendy releted to the instrument. I examined it engurly according to hie mute directions and a lend cry of surroise coroned my line.

Whatever position we forced the needle into it returned invariably to the same unexpected point It was posiess attempting to easonal from oursalves the fatel truth. There could be no deabt, unwelcome as was the fact, that during the tempast, there had been a madden about of wind of which were had been marble to take any account, and thus the areasently for ever, as many days before! CHAPTER XXXIV

### A Voyage of Discovery T would be alterether impossible for me to vive

came the Professor on making this extraordinary discovery. Amszement, incredulity, and rage at first so shapfallen; and then so furlowly indig-The terrible fetleres of our see vorces, the feer-

for nothing. We had to begin them all over again, Instead of recession, as we forth expected, draw ing a varage of so many days, we had retrested Every hour of our expedition on the raft had been

Presently, however, the indentitable accorded for carle everycome every other consideration. "So," he terrible tricky. The elements the maches consider to averabely rec with recetification. Air, fire, and water combins their united efforts to cureee my posname. Well they shall ose what the express will of a determined man can do. I will not yield, I will not retreat even one lach; and we shall see who shall triumph to this great centest-man or neture." Standing preight on a rock, irritated and maraning, Professor Bardwigg, like the fereticus Ajex,

seemed to defy the fates. I, however, took upon myualf to interfere, and to impose some nort of shork men each insensate arthuniaem "Listen to me, uncle," I said, in a firm but temregate to me, uncee," I said, in a livel not temharbed broads at the profile. As he had at first ambition have below. It is ottoriv unders to standards amount the deservable. Pers lister to reason. We are utherly presented for a sea year second fourney of free kundred lesones were a

wretched alle of become with a secretarrose for a sail, a peltry stick for a most, and a tempest to contend with. As we are totally incarable of steering our freal craft, we shall become a more plaything of the storm, and it is acting the part of madmen if we, a second time, run any risk upon this dengerous and truccherous Central Sec.

These are only a few of the reasons and arouments I not treether-treasure and arguments which to me arrayred managements. I was allowed to an on without interpunction for about ten minutes. The evolunation to this I soon discovered. The Profes-

## A TRIP TO THE CENTER OF THE EARTH 229 for was not even listening, and did not bear a word layers one above the other. It appeared clear that

of all any disquence.
"To the ratif" he oried, in a barne wrice, when I gaussi for a reply.
Such was the result of my streamens affect to resist his how will. I tried again; I begred and impored him; I got into a peasage; but I had to deal with a will more determined than my own. I secreted to feel like the, waves which fought and

with a will more ottermined than my own. I seemed to feel like the yaves which freight and initial agefurt the huge cases of grantite at sur feet, which had comiled grindly for so many ages at their pury efforts. Hare, meanwhile, without taking part in our discinates, had been repairing the raft. One would cause, and the survey of the raft.

clastica, had been repairing the rast. One would have supposed that he instinctively pursued at the further projects of my uncle. By means of some fragments of cordage, he had again much the raft sea-worthy. White I had been up-alving he had plotded a new reast and sail, the latter already fluttering and worting in the breeze. The user the Perfusion canals a few words to our

more training ratio, who famoulately bears to put beginne to bear, and its pregue for sur and press, and the read-off-sure for sur and press, and the radiously will fill be readily and press. And the radiously will be readily and press. And the radiously will be readily and readily to be for a readily contain the ready of two may. It was small the readily of the ready of two may. It was small the readily of the ready of the ready

is to burry, my boy," he said, "we thall not start untill temperous."

I looked the picture of resignation to the dire will of inte. "Under the circumstance," he ned, "I cought to neglect no presentients. As falls has east me upon these shares, I shall not have without having complainty examined them."

In order to understand this remark, I must use plain that theolem was hot been driven back to the neethern share, we had been our shring point, put from that which had been our shring point. Part Grotchen must, we admissible, he wery much to the westward. Withing threaders, was more than the westward of the shring the shring the sadder that neethers upon which we had so musscales that nee there upon which we had so muspolethly knotch. That up so an formers of discov-

cery." I crisis.

And leaving Hans to his important operation, we started an ear expedition. As we trudged along, our effect created nitumescable belief of every shape and size—more the dwelling pions of unlimit of every period of extention. I positionally solicid access concernors shalls—compacted (citeths and torotte appearance) that the experiment of the experiment o

cion) the districter of which exceeded fifteen feet.
They had in years ages belonged to those afgentia
glystodens of the plicenso period, of which the medara textle is but a mirror spectrols. In addition,
the whole self was covered by a vest quantity of
steep relies, having the appearance of fillint wen
by the action of the waves, and lying in successive

Illo all the role of the period, so frequent on the surface of the globe, by the subdivince of the waters. The firefreece, who was new in his dement, candidly examined every recky flavours. Let him only find an opasing and it directly become importmants be into incommon the dipth. We related the production of the contract of the contract of the the Cortan See, sinks or filtered the related thousand took place in the capped of the solid, its aread to have been radder east up, convolidations, as it were, by a vident updated of the lower trains. In many

we were walking upon a kind of sedment, formed

seeks name case of considerations as a wire, so yet without update-ing of the lower strata. In many interesting the consideration of the consideration of the restrict pressure of the consideration of the consideration of restrict press. We advanced in press of the restrict press. We advanced in press of the cover the broken messase of granten mixed with first, quest and allowed disposits, when a large field, more even than a field, is plain of bones, appeared and dently before our eyes. It is both tills an immuse counters, where generation after generation had mingled their mostel dust.

Lafty harves of early remain roe at intervals. They are hitted were to the intuit of the distant begins and were kell in a thick and heavy for the state and were kell in a thick and heavy for On that get, since three sparse miles in textus, we accomplised the whole history of arising his arrangly one convince still a history of arising history makers soil of the upper and inhabited weeff, has three settled.

We were drawn riceward by an all-shorting and function when the same drawn descend by an all-shorting and function when the same drawn drawn the same the same drawn of the same drawn for the same drawn drawn the same drawn of the same drawn for ward by an all-shorting and function when the same drawn drawn the same drawn for the same drawn for the same drawn drawn the same drawn for the same drawn of the same drawn for the same drawn

Not effecting for502 his requirem of those predistories fortis, for which the missions of great riches quarrel, were when they obtain only reas and carrios morneds. I was interire receptorieded. My such stude for some missions with the stream revision in high tostic, Illis mostly was wide great, in the cross markels wildly behind his spectacles (which he had furthmately savely, his had believed up and driven and freez side to side, while his whole attitude and mose experience when the stream of the side of the side of the experience when the side of the side of the side of the experience when the side of the side of the side of the green and the side of the side of the side of the side of the experience when the side of th

He stard in the pressure of an entities, weathers and bandwardthy risk selection of anticulturing monators, piled up for his own private and peculiar scattlartion. Pany an enthuscuted lawy of broke couried studently into the very midde of the famous library of Alexandria baread by the somethightess Omar, and which come private had recticed to the privation science of the private of the couried of the privation science of the couried of the couried of the privation science of the couried of the couried of the couried of the privation science of the couried of the couried of the couried of the privation science of the couried of t

which mrile Hardwige was now placed.

For some tiese he steed then, literally aghest at
the regardined of his discovery.

But it was even a greater confinement when, don't
ing withly over this mass of expanic dust, he cought
up a racked shall and addressed we in a quivaring
wise—"Harry, mr how—Harry—this is a human

CHAPTER XXXV Discovery Upon Discovery

I'll will be easy to understand the Professor's mirgled asteolohment and foy when, on advancing shoot twenty yards further, he found himself in the pressure of, I may any free to fige with

#### countless ages? This was the question I asked mycome out. There would have been great knoghter at self but which I was wholly unable to anymer. This the Institution, had the mistake happened there. "Gianntosteelegy!" at last exclaimed Professor head with stretched and parchmenty skin, with the tooth whole, the beir abundant, was before our eyes Hardwigg, between two savage growls.

AMAZING STORIES

"Yes, gentlemen, I am well acquainted with all I stood works alrecet paralyzed with wonder and there matters, and know, also, that Cuvier and owe before this dread apparition of another age. Riemenbach fully recognized in these bones, the My uncle, who on almost every occasion was a great talker, remained for a time completely demigrated. period. But after what tre now nos, to allow a doubt is to insult scientific inquiry. There is the He was too full of emotion for speech to be possible. After a while, however, we raised up the budy to body; you can see it; you can touch it. It is not a which the skull belonged. We stood it on and. It skeleton, it is a complete and uninjured body, pre-served with an authronological object." I did not seemed, to our excited measurations, to look at us

words in public. It was not exactly stattering, but a

strange sort of constitutional hesitation, "The writ-

He, however, could get no further. "Glowsteo-" Impossible. The unfortunate word would not

"If I could but wash this corns in a solution of sulphuric said," continued my usale, "I would undertake to remove all the earthly narticles, and these resultedant shalls, which are incrusted all over this body. But I am without this precious disserving medium. Nevertheless, such as it is, this hody will tell its own history."

Here the Professor held up the fossil body, and exhibited it with rare dexterity. No professional showman could have above more activity. "As on examination you will see," my uncle continned, "It is only shout six feet in length, which is

incontratably Caucasian. It is of the white reca. that is, of our own. The shull of this fossil being is a perfect evoid without any remarkable or promipent development of the abook boxes, and without any projection of the faw. But I will advance still farther on the reed of inquiry and deduction, and I dare venture to say that this buman sample or

specimen belongs to the Japhetic family, which spread over the world from India to the otterment limits of western Europe. There is no occasion, eretlemen, to smile at my remarks." Of course schooly smiled. But the excellent Pro-

dience laughing during the delivery of his learned "Yes," he continued, with renewed animation, "this is a forell man, a contemposary of the mantodates, with the bones of which this whole amphitheatre is covered. But if I am called on to exclain

how be carrie to this place, how these verious streets. by which he is covered have fallen into this vast But there is the man, surrounded by the works of his hands, his hatchets, and his sarved fiints, which belong to the stone period; and the only rational supposition is, that, like myself, he visited the conking of the Cimbri, the invader of Gual dur out of

a gravel pit in Depublicy, in 1613. In the eighteenth of science. At all owners, there can be no doubt of his great son and of his being one of the oliest race of human below." The Professor with these words consed his orne tien, and I burst forth into loud and "manimous" applicase. Besides, after all, my uncle was right.

are Hardwise, carried away by his enthusiasm, forget all the efrequenturies of our journey, the extraordinary position in which we were placed, the imheads. There can be no doubt that he thought himself at the institution addressing his attentive pupils, for he put on his most dectorial style, waved persoles to present to you a man of the quarternery

cumbed to azientific pride and exultation. Produs-

see entire feesil of the human race, notually belong-

tury of St. Michel at Rominson, preserved at during

The human skull was perfectly recognizable. Had a soil of very poculiar nature, like that of the come-

ing to the quarternary period !

with its terrible bollow eyes. After some mirrates of oilence, the man was vanonlished by the Preferent. Homan instincts and-

period of core clobe. Many learned men have denied his wary existence, while other able persons, perhans of even higher authority, have afferped their helief in the reality of his life. If the St Thomses of Palmontology were present, they would reverentially touch him with their fingers and bellove in his existence, time acknowledging their obful in relation to all discoveries of this nature. I are not without having heard of the many Bergums and other quacks who have made a trade of such like pretended discoveries. I have, of course, heard of

tended finding of the hody of Ovestes by the Spartistes, and of the body of Asterius, ten spans lone. "I have read everything in relation to the skyleten of Trapeni, discovered in the feurteenth century, which many persons chose to regard as that of Polypheums, and the history of the giant dug up during the sixteenth century in the savirous of Palmera. You are at well sware as I am, sectiomen, of the existence of the celebrated analysis made many Lucerse, in 1577, of the erect burse which the celebrated Dector Felix Pister declared belonged to a giant about ninetoen feet high. I have memoirs, paraphlets, speeches, and replies, published in reference to the skeleton of Tentubuchus,

century I should have denied, with Peter Campet the existence of the presidentites of Scheuchser. I Here my uncle was afflicted by the natural infirmity which prevented him from pronouncing difficult

### A TRUE TO THE CENTER OF THE EARTH animated beings been baried so far baseath the

Much more learned men than his nephew would have found it rather hard to refute his facts and Another circumstance soon presented fivelf. wast plain of bones-the competery of an extinct

world. Other bodies were found as we tred the dusty rinks, and my uncle was able to choose the most marvelous of these specimens in order to con-

vince the most incredulous

In truth, it was a surprising spectacle, the queoccaive remains of generations and generations of men and animals confounded together in one vast cornetery. But a great question now presented itsalf to our action, and one we were actually afraid

to contemplate in all its bearings. Had these once (To be coxcluded)

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Edgar Allen Pos.

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sed by some tramendous convulsion of nature, after they had been earth to earth and ashes to aches, or

had they lived here below, in this subterransen world, mader this factitions sky, born, married, and

given in marriage, and dying at last, just like ord-

and such like animals, had alone been seen alive!

The question which rendered us rather uncasy, was

a pertinent one. Were any of these men of the shyss wandering about the descried shores of this

wondrous sea of the center of the earth? This was

a question which rendered me very uneasy and un-

comfortable. How, should they really be in exis-

Up to the present moment, marine monsters, fish,

"Mexicia Reveletion," by Edgar Allan Pog. "The Crestel Eco." by H. G. Weils

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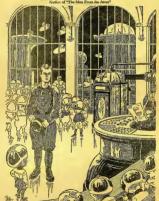
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# The COMING of the ICE By G. Peyton Wertenbaker



is stronge to be alone, and so sold. To be the last man on earth. The snow drives affently about me, ceaselessly, drearily. And I am inable corner of a boursed world, amely the lonellest creature in the universe. How many thousands of yours is it since I lest knew the true companionchin? For a long time I have been lonely, but those were people, treatures of flesh and bleed New they are gone. Now I have not even the store to keep me company, for they are all lost in an

infinity of snow and twilight above, as the earth is lost in its grey infinity here below. If only I could know how long it has been since first I was imprisoned upon the earth. It cannot matter now. And yet some vague dissatisfaction, some faint instinct, asks over and ever in my

throbbeng ears: What year? What year? It was in the year 1950 that the great thing began in my life. There was then a very great man who recritemed operations upon his fellows to conpose their vitals—we called such men surveums John Granden wose the title "Bur" before his name, in indication of nobility by birth according to the prevailing standards in England: But surpery was only a hobby of Sir John's, if I must be precise, for, while he had achieved an enterrous regutation

as a surroun, he always felt that his real work lay in the experimental and of his profession. He was in a way, a drowner, but a dreamer who could make his dresms came true. I was a very close friend of Sir John's. In fact,

we shared the same apartments in London. I have never formation that day when he first mentioned to me his memerious discovery. I had just come in from a long shark-ride in the country with Alice.

ing fifty in my mind a descrintion of the wind and the snow and the error twilight of the evening. It is strange, is it not, that

my tale should begin and som rements of a relic of the Mah centre . He is gloss Sir John menod sudden. case of conduction. Charactic changes are taking place.
The moved hopins to grow sold. New York is changed in
the Archie region and Isaly is coursed with most all the ly a door at one end of the room and came hurrying He looked at me, pringlise and he est th-circuit life, turn's intellectual. When does

rather like a triumphant "It's coming!" he oried without passing, "I've almost got it!" I amiled

at him; he looked very ludicross at that moment. "What keys you get?" I soleed. "Good Lord, man the Sarret has Sarret!" And then he was gone again, the door closing upon his victorious cry, "The Secret!" I was, of course, amused. But I was also very

much interested. I knew Sir John well encount to realize that, however amazing his appearance might bs. there would be rothing should about his "Secret"-whotever it was Ret it was seeless to speculate. I could only here for enlightenment at dinner. So I immersed myself in one of the sur-

peens' volumes from his time Library of Imarma-I think the book was one of Mr. H. G. Wells', recbully "The Siesper Awakes," or some other of his brilliant fantacies and predictions, for I was in a mood conductive to belief in almost anything when, wish I could give some idea of the atmosphere that whatever was wast and amazing and strongs. You could then, whoever you are, understand a little the ease with which I accepted Sir John's new dis-CHARTE

He began to explain it to me at ence, as though he can't keep it to himself no luneer. "Did you think I had gone mad, Dennell?" be asked, "I quite wonder that I havee"t. Why, I have been studying for many years—for most of my life -an this problem. And, suddenly, I have solved it! Or, rather, I am afraid I have solved mother one much greater."

"Tell me about it." I supposted. "But for God's sake don't be technical." He smiled. "Right," he said. Then he named. "Dennell, it's seguificent! It will change the whole social order of the world. It will change everything that is in the world." His eyes held mine suddenly with the fatality of an hypnotist's. "Dennell, it is the Secret of Eternal Life," he said.

"Good Lord, Sir John?" I cried, half inclined to "I mean it," he sold. "You know I have speed must of my life studying the processes of birth, trying to find out poyclosly what went on in the

whele history of conception." "No, that is just what smuses me. I have dis-

covered something else without knowing yet what courses either process. "I don't want to be technical, and I know yery THIS powerful and tracks story by the earlier of "The Man from the Atom" tells of a new why consisted trelittle of what actually Man from the Atom tetts of a month many controls extrict innerestably-cells of a moral many controls on.

takes place myself. But I ean try to give you some idea of it." . . It is thousands, perhans millions of years

since Sir John explained by roe What little I understood at the time I may I try to rescouse what "In my study of the pro-

cesses of birth," he began. "I discovered the rud!ments of an action which takes place in the boffers of both men and women. There are certain properties in the foods we eat that remain in the body for the reproduction of life, two distinct Essences, an to speak, of which cae is retained by the women, another by the man. It is the union of these two

properties that, of course, creates the child, "Now, I made a slight mistake one day in experimenting with a gainer-pig, and I re-arranged cortain cognes which I need not describe so that I thought I had completely messed up the now even

## 2.59 AMAZING STORIES It was some years later that I happened to notice it "True, true. I know it, But it is hard to face, senan. It had not given but it to any years, but I neowithkless."

again. It had not given both to any young, but I was amound to note that it had appointing grown to older; it occurs growth in which I had left in. Growth in which I had left in. The seaming the guitars. The man had been the support of the seaming the guitars. The seaming the guitars which is the seaming the guitars which is the seaming the guitars. The seaming the guitars which is the seaming the guitars and the guitars which is the guitars and the guitars are guitars and guitars and guitars are guitars and guitars and guitars are guitars and guitars are guitars and guitars are guitars and guitars and guitars are guitars and guita

and in resulty been a monoculous discovery. I found that I had only to chose cortain organs, to re-arrange certain dusts, and to open certain formant organs, and, windeds dists, the whole precess of regreduction was sharped. "You have beard, of course, that our boiles are continuity character, hour to bear, wheats he will-

tint was energies. "Suo have been a continually changing heart by hour, nitwise by nitroecontinually changing, bear by hour, nitwise by nitrotute, so their every few years we have been little or relative. Some noch principle on this secont to relative. Some noch principle on this secont to all holy eventually, owned that, instead of the old holy eventually, the new holy is revised apart. Form B. It is the eventually of challength at causes

from It. It is the creation of children that creases us to die; it would soon, because if this actively is, as to speak, duramed up or turned saido into new classmai, the reproduction operates on the old body, renowing it continuity. It is very obscure and very abound, is in out? But the most abound part of it is that it is true. Whatever the true explaination may be, the fast renoming that the assemble on the done.

down know the secret.

Allow know the secret.

Allow know the secret.

Allow know the secret.

Allow know the secret.

After all third is amounted to hith more than select third. It amounted to hith more than this. It would be impossible for an to express the great held his discovery teels upon my saint the immorant he recounted his. Form the very first, under the upoli of his personality. I believed, and I three he was speaking the truth. And it control as before

ne new visite. I began to see avoid become unidealy eternal, never again to know the four of death. I could see myself aboring up, contany after century, an amplitude of visious and experience that would make no runly a god. "Six John!" I critd, long before he was faished, "You must perform that operations on mo!"

"You must perform that operation on me!"
"But, Decordi, you are too harty. You must not
put yourself so mobily into my harfu."
"You have perfected the sparation, haven't you?"
"That is true," he said.
"You must try it out on somehody, must you not?"

"No. of ourse. And yel-monthly, Dennill I am strick! A centre holy feeling that me is not yell present the present the present point of the present point of the present present present present the me of the present present

One becomes an intellect, cotting more-a cold appthesis of vasces, Mad I, for one, cannot from such a thing starley. The fore one, cannot from "But, file folia, like all. If for one, cannot from "But, file folia, like all. If the year larged hor-"But, file folia, like all. After you have changed your safety you cannot report it. What you would be no harrible are idea to you offerwards as the thought of what you will be comes new."

"I can set affinid to face it," I said, a little bosefully.

"You do not understand it, Donnell, I san affinid.
And i worder whether you or I or agy of us on this about the said set and the said of the said it is a perfect aron." Silve, one should be said it is a perfect "Silv John," I said, "I is not you who have to food the, not say one as in the world till you are ready,

Shit I am frailly resolved, and I demand its of you are ny friend."

Wall, we argued much further, but in the end I wan. Sir John premised to perform the operation three days later.

... But do you perceive now what I had forgotten during all that discussion, the one thing I had thought I could never forget so long as I lived, not even for an insteat? It was my love for After-I had forgetten that!

I cannot write hore all the induity of creations

I experienced later, when, with Alice is my arms, it indicate come upon me what I had done. Ages append here forgotten how to feel. I can'd name now a thousand feelings I und to have, but I can no may be thousand feelings I und to have, but I can no house the come understand them. Yet only the hourt can understand the heart, and the intellect only the terms and we have the proper was the content of the conte

intilled.

With Allice in my arms, I told the whole stopy. If was she wha, with her quick instinct, grouped what I had rever solleds.

"But Caril" the cried, "Don't you see!.—It will aman that we can serve be married!" And fee the first time, I understeed. If only I could re-experience once even plain of that love! I have always leaven.

since the hat sheed of comprehension aligned from me, that I but consulting very wonderful when I hast love. But what does it matter? I hat alice too, and I expect I could not have known between without her. We were very said and very tragic that night. We were very said and very tragic that night.

For stolls and house we arrived the questions over.

But I fell somewhat that I was institutedly compit
in my field, that I could not retreat new from my
readire. I was, purhaps, very shool-looping, but
it was already the consulted to back out now.

But It was the read to consulte to back out now.

But It was the read to be precived a final maged
of the matter.

"Cast," also said to me, her lips very slees to mino.

"Cast," also said to me, her lips very slees to mino.

"Cast," also said to me, her lips very slees to mino.

to word in a construction of several and our words in a gase soil of love if is were not more of control but no disk mind than of the field. We shall remain keeper, and but no shall of copie more corneal decire. I shall such that the copie more corneal decire. I shall such that the copie more construction of the copie more construction of the copie more construction. And I copie more construction of the copie more construction of the copie more construction of the copie more construction.

with the accusation that I did not love her, that I did not worth her love, that I was trying to eccept from love. What answer had I for that, but that I loved her and would do anything in the world not to love her! I have wouldered comatines since whether we might have known the love of the mind. Is love might have known the love of the mind. Is love

sugar laws amon the love or the first, as over something cuttively of the first, something created by an ircule God merely to propagate His race? Or can there be love without among love without THE COMING OF THE ICE

gripped, and we were saying good-bye-for a little while-in the way men say these things. Then I felt the warm truck of Alice's lipe upon mine, and I foit sudden poinful things that I exampl describe. that I could not have described then. For a moment I felt that I must rise and ery out that I could not do it. But the feeling passed, and I was passive. Scenething was pressed about my mouth and pose, something with an etherial amell. Staring eves swam gled fastfactively, but in vain-I was hald securely, forth on a pitch-black background; a great bellow burrier echood in very head. My head sagmed strik-

into a misty vagueness from which little steel rays

fizzbed and quivered from silvery cold instruments. For a moment our hands, Sir John's and mine,

massion-love between two cold intellects? I do not

There is no need to drop and the tole. Absended

know. I did not ask then. I accepted anything

my hand wavers, and my time grows short. Soon

that would make our way more easy

denly to have become all throat, a great, covernous, county throat in which sounds and lights were mingled together, in a swift rhythm, approaching, receding eternally. Then, I think there were dreams. But I have forgotten them. I began to emerge from the effect of the other. Exervitaing was dire, but I could negotive Alize beside me, and Sir John. "Brayely doze!" Sir John was saving, and Alize, too, was saying stmething, but I cannot remember what. For a long while we talked, I speaking the nonzense of those who are coming out from under other, they tearing me a little solemnly. But ofter a little while I become aware of the fast that they were about to heave. Saddenly, God knows why, I knew that they must not leave. Squething cried

in the back of my head that they could stay-one cannot explain these things, except by after events. I began to press them to remain, but they smiled end said they must set their dismer. I commanded them not to go; but they spake kindly and said they would be back before long. I think I even went a little. like a child, but Sir John said semething to then they were rone, and somehow I was asless, . . When I awoke again, my bood was fairly clear, but there was an abominable reek of other all about ine. The request I owned for even. I felt that some

thing had harpened. I saked for Sir John and for Alice. I saw a swift, curious look that I could not

"Yes, peor fellow. I have hardly managed to keen him quiet." "It is owing to be very hard to tell him." "We will have to keep it from him until he is recovered fully." There was a long passe, and I could hardly control my laboured breathing. "How andden it was!" one of them said. "To be killed like that-" I heard no more, for I least suddealy up in hed, erring out. "Outek! For God's sake, tell me what has hap-

interpret come over the face of the purse, then she

was calm again, her countenance impassive. She re-

assured me in onick meaningless physics, and told

one to sleep. But I could not sleep: I was absolutely

sure that semething had happened to them, to my

pentel?" I jumped to the floor and selved one of bem by the collar. She was herrified. I shook her with a superhuman strength. "Tell me!" I shouted, "Tell mo-Or Fil-!" She told me-what clse could she do. "They were killed in an noridest," she marred. marsant a crewd of survey and attendants arrived. called by the other frantic woman, and they put me to hed again. I know no memory of the next few days. I was be delirium, and I was never told what I said during my ravings. Nor can I concess the feelings I was sonia. Between my old emotions and any atternet to not these into words, or even to remember them, lies always that incurrequitable wall of my Change, I compet understand what I must have felt. I com-I only know that for weeks I was sunk to a misery beyond may misery I had ever imagined before. The two only friends I had on earth were orne to me. I

was left sione. And, for the first time, I began to see before me all these endless years that would be the same dall lengly Yet I recovered. I could feel each day the growth of a strance new vigour in my limbs, a vast force that was something tangibly expressive of oternal life. Slowly my anguish berra to die. After a week more, I began to understand how my emotions were leaving me, how live and beauty and everything of I could not hear the thought at first. I would look at the golden sunlight and the bire shodow of the wind, and I would say, "God! Hour beautifull" And the words would

echo meaninglessly in my cars. Or I would re-member Alice's fisce, that face I had once leved

#### AMAZING STORIES so inextinguishably, and I would ween and clutch For several centuries, thanging my parts and my forehead, and clench my fists, crying,

"O God, how can I live without bur?" Yet there would be a little strappy faper in my head at the same moment, saying, "Who is this Alice? You know no such person." And truly I would wonder whether she had ever

me, and I began to lev in a corresponding growth of my mental perceptions. I began to toy My with mathematical formulae I had forgotten years ago, In the same fashion that a nest taxs with a word and its shades of meaning. I would look at every-

thing with new, seeing even, new perception, and before, because formerly my emotions had always occupied me more than my thoughts. And so the weeks went by, until, one day, I was

. . . What, after all, is the use of this chronicle? Surely there will never be men to read it. I have heard them say that the snow will never go. I will be buried, it will be buried with me; and it will be the end of us both. Yet, semshow, it espan my weary soul a little to write. . . . Need I say that I Swad theorefor many thon-

sands of thousands of years, until this day? I cannot detail that life. It is a long round of new fantastic impressions, coming dream-like, one after another, malting into each other. In looking back, as in looking back upon dreams, I seem to recall only a few isolated periods clearly; and it seems that my imagination must have filled in the swift

movement between episodes. I think now, of necesarty, in terms of continues and millentures, rather then citys and mostly, . . . The snow blows terribby about my little fire, and I keew it will soon gather osumge to quesch us both. . Years passed, at first with a sort of clear wonder,

the world. I studied. The other students were much amound to see me, a man of thirty odd, com-"But Judge, Deemel, you've sirendy get your Ph.D! What mere do you want?" So they would all ask me. And I would realy: "I went on M.D. and an F.R.C.S." I didn't tell

them that I wanted degrees in Law, too, and in Biology and Chemistry, in Architecture and Engipooring, in Paythology and Philosophy. Even so, I believe they thought me mad. But poor fools! I would think. They can hardly realize that I have I wast to school for many decides. I would pass from University to University, Interely gathering all the fruits of every subject I took up, reveiling in study as no student revelled ever before. There

all of eternity before me for study, was no need of hurry in my life, no feer of death too occo. There was a magnificence of vigour in my body, and a magniferous of vision and clarity in my brain. I felt myself a super-man. I had only to on an attering up window until the day should come when all knowledge of the world was mine, and then I could command the world. I had no need for hurry O yout life! How I plorted in my etortellect, monetony cannot exist; it was one of these emotions I had left behind. One day, however, in the year 2152, a great discovery was reade by a man called Earentsey. It had to do with the curvature of space, quite changing the ecoceptions that we and all followed since Einstein. I had long ago mestered the last detail of Rinetsin's theory, as self immediately into the study of this new, enochmaking concention. To my amorement, it all seemed to me curiously Zargatsov was trying to formulate.

I had no consciousness of monotony, for, to the in-

dim and elusive. I scold not only grave what "Why." I cried, "the thing is a monetrous fraud?" I went to the professor of Physics in the University I then attended, and I told him it was a fraud, a huge book of more personne. He looked at ma rather pityingly. "I am afraid, Modevski," he said, addressing me by the name I was at the time using. "I am afraid you do not understand it, that is all. When your

mind has broadened, you will. You should suply yourself more excefully to your Physics," But that angored me, for I had mastered my Physics before he was ever been. I challenged him to exgiain the theory. And he did! He put it, obviously, in the clourest language he could. Yet I understood nothing. I stared at him damble, until he shock his head impatiently, saying that it was meless, that if I could not group it I would simply have to keep on studying. I was stemmed. I wandered For do you are what had harmoned? During all those years I had studied conceleraly, and my mind had been clear and quick as the day I first had left

the hospital. But sil that time I had been shie only to remain what I was -- as extraordinarily intelligreat man of the twentieth century. And the rest of the race had been progressing! It had been swiftly guthering knowledge and namer and ability only remaining still. And now here you Servertone and the tenchers of the Universities, and, probably, a hundred intelligent men, who had all outstripped mal I was below left bashad. And that is what happened. I need not dilate further upon it. By the end of that century I had

further upon it. My too one or that consury a new been left behind by all the students of the world, and I never did understand Excentery. Other man come with other theories, and these theories were accepted by the world. But I could not understand them. My intellectual life was at an end. I had nothing more to understand. I knew everything I was canable of knowing, and thenceforth, I could only play wearfly with the old ideas. Many things hamsond in the world. A time came when the East and West, two mighty unified hemispheres, rote up in arms; the civil war of a planet,

bell. It was all incomprehensible to me: like a bistare dream, things happened, people rushed about, but I never knew what they were doing. I barked during all that time in a timy shaddering hole under the city of Yakohama, and by a miracle win, for all the world they traveled by the millions southward, perially a few remaining rose, as they went, navued by the snew and the cold.

said eccount, in an except to life remaining prelutifies, a tunied rose, and nothing may changed when it woo all rebuilt again, under a single government.

I may be start of the stream, or continue who expected among as in the year GTI, man who were required among as in the year GTI, man who were required among as in the year GTI, man who were the present that the proper of the proper contraction of the proper continues to the large were regulated, for they were assessed conpacted with the Earthman, although they were about equal to the people of my own century, 1909. Those of them who did not be rebuilt of the cold after.

about equal to the people of my own century, 1999. Those of them who did not perish of the cold after the intence warmth of their world, and these who were not killed by our hands, those few returned sidently bome again. And I have always regretted that I had not the outuring to go with them.

I watched a time when the world reached perfection is meta-banke, when men could accomplish any

I waished a time when the world reached perfection in mechanics, when mue could accomplish anyching with a touch of the finger. Strange men, these creatores of the hundreds extern, men with large trains and time, abrived bedies, attrebule limbs, and show, penderous measurements on their little semregances. It was It, with my national companions, the world with the theory part times, who shundred when at last they guit-

death all the perverts, the crimicals, and the brane, childles the world of the soun for which they had no mace used. It was that that I was forced to produce my tattered old papers, proving my identity and my story. They how it was free, in some strange frobles of theirs, and, threather, I was legic on exhibition as an archate surrival.

I saw the verid made immertal through the new invention of a man called Kathol, who used somewhat the same method "regers!" decreed had been used upon ma. I observed the end of speech, of all perceptions except one, when men harmed to companied allowith the thinguist and to reading

communicate directly by thought, and to receive directly into the brain all the myriad vibrations of the universe. All these things I saw, and more, until that time when there was so more discovery, but a Perfect World in which there was no need for anything bet memory. Men caused to count time at last. Several

handred years after the 154th Dynasty from the Last Way, or, as we would have counted in my time, about 90,000 A.D. official recent of time were no longer kept carefully. They full into disuse. Men began to forget years, to forget time at all. Of what significance was time when one was immorted?

interested?

After larg, long uncounted centurion, a time came when the days grow noticeably coller. Showly the winters became longer, and the aurunean dirinition to but a manth or two. Flores storas range endlessly in whiter, and in reasons constitues been endlessly in whiter, and in reasons constitues been endlessly in whiter, and in the north and the substantial south, the surve came and would not so,

tades. New York became, after awhile, the furthest habitable eithy north, an article ofty, where warmedselfore parentseed. And great fields of the began to make their way centiward, grinding before them the brittle remains of civilizations, covaring own referribetary fall of make proof overtice of the property of the property of the referribetary and of make proof overtical property of the property of the

only choice for sorrival key in a land, streen body, at form, we find 11 had from in one for my line for the form of the form

and that inevitable field of ice. They were fooble

creatures when the Cold first came upon them, but

turned every weapon of science to the recovery

of their abouted nower, for they foreasy that the

of human life once had passed in colm security. To still the lon-powersh. For most lost frequence the control of trapping the process of the

was some of the control of process of the conward of the control of the control of the conplete, which is the control of the control of the concities that had enlared for bundreds of thesessels of your. It was terrilla to imagin the welf-insolitose and the coffees twilight that by on these places, and the grim snow, satility in oldere over all.

And so we existed, beging still that the few making programs, until at last it closed in upon us. From porth and south it came, from every told, and the

north and south it came, from every side, and the boundaries of each and west were the fream occasio, fathoms doop in fee. It defend about on, fathoms doop in fee. It defend about the equitor of the globs, with an aternal free going to hild sown, the housey for. Perpetual unfore regional nave; and we were become terror-tricken beats that pregred on said other for all farmed glowned. All, but I, I the archite survival, I had my everage thou, with my great physique and strong fave-

then, with my great hybridizes and strong favorficed. Let me thin of zomething else. These men who lived upon such witner-til was herrible. And I was one. So inevitably the Lee chosed in . . . One day the men of our timy clearling were but a sours. We haddled stout our dying fire of boste and strivy locations of the contract of th

I think suddenly according very noble must have transformed these creatures to a semblance of what they had been of old. I saw, in their syst, the question they sent from one to another, and in every eye I saw that the answer was, Yes. With Condinued on page 2 7 2 2 

SHEARDON DA" are setting alone. The device was an atter failure Mr. Hiram Stodgrass did not look un from his deak. It was Saturday and an unqualified success. It is coing to make you a marly most and the automobile was rich man. Mr. Foedick. Your revelties are now posting outside to take him out to the amounting to over a bundred dellars a week." country clob where he had a golf same on with Mr. Posdick shock his bead, "No. I am not here on that account. I have a new invention that I "Parden me." want to interest yee in." "And the nature of it is what?" inmired Mr. The provident of the Alex Manufacturing Care parry only disped his sen again in the violet ink and Sandgrans. "An automobile run by those," and the inventor held up a Spidlitz powder, "There is a munderful mained to be signed and Mr. Snedgross deured that even with the simplest of luncherns he would be lot of power in a Soldlitz newder, Mr. Spadgrass, an bour late upon the green. And this afternoon Just take first the blue and then the white," he said, be purposed having his revenue, for the Saturday offering the class and at the same time unfolding before the husband of his offspring had stung him the white paper containing the other half of the to the tune of sight no. persiden. Mr. Snedevens dress book in seme alarm. "No. I'll take your word for it." Mr. Snodgrass swung in his chair. "Well, what is it?" The incoirr came explanitely and with a "Please take tt." invisted Mr. Poulick. "It's at fierce, sudden heat like the mementary opening of beautiful experiment. It gives a pressure of ton a furtace door. It was Mr. Spoigress' way-a atmospheres-see hundred and fifty pounds," There it, rece. I'm not knolt for a hundred and resource to which mone in the office ever paid the fifty prunds. I couldn't stand it--1'd blow up--1. "You are Mr. Smodornes?" "Yes, I am," enemped that individual. "What The inventor shook his keed solemnly. "In that, Mr. Snederage, you are mistalors. The human The stranger, a man with mild blue eyes and displangm will stand one hundred and sixty pounds. vegue, rembling whiskers, seated himself, "Did You see, there is a markin of safety of ten pagadothe experiment is perfectly safe." the white of a common, sedinary Saldits newfor?" "I tell you I won't," cried Hr. Spedgrane, over-Mr. Snodgrees threw his head back aghast at the come by a sudden fear that he might be persuaded query. "No, I have not," he bellowed into such a rash adventure. "I won't, I tell yea." The stranger was uncerturbed, "Well, then try "Thun I will," said Mr. Foodisk, calmly lifting it," and drawing from his the glass. "Just watch necket one of the powders "Here, stop that I" cried rn anastica walked mally the heaviled Mr. Small-THE artist, Eiths Fedder, in telling some incidents of over to the water filter grees, "Don't do that in and filling the ginus droghere. Go down into the with Scienter sources, actorately administered, with a carengine recen where we which he stirred with a have boiler insurance." long, infex finger. "The result will surprise yeu." to be thwarted. With "I'll do nothing of the darhed kind," roured Mr. fed off first the one nowder Sundamen, "And soy," beand then the other, "Right here," he said, after a demonded, as he cought the sterographer tittering minute's wait, "there is hebird her rote book. "who the devil are you Scidlitzmobile eleven and and how did you get in two-tenths males, if my ealhere!" enlations are not wrong," For answer the strangand he placed his hand er laid upon the president's desk a card. upon the pit of his stomach. "Just feel the pres-Mr. Snodgress extended his erm and gingerly prodded the compelling stranger under the riles. JASON Q. POSDICK "Not hard," said the inventor warningly. "Re-Incontro member, the margin of safety is only ten neurols." like rapidity and the perspiration broke out upon

Mr. Sundgrass' features experienced a sublen

transformation; the belligarest convention faded

away and a smile of genuine pleasure sufficed all of the companion wisible above and in fruit of

the restingation whichers "My deer Mr. Facilities

I am delighted to meet year" he disculated. "I

suppose you dropped in to see how the nut-crackers

his forehead. "Conside"t you on cutside and sit

around for awhile?" he inquired with some trepoda-

tion. "Our haldling to not year strong and an appi-

dent would doubtlessly mein many of our ckelou"

by. "If I should write about and stumble—or if I

"I arnally don't stir." replied Mr. Foadick polema-

"SEIDLITZMOBILE"

### AMAZING STORIES

"Yes, yes," intercupted Mr. Stordgrass. "Just aft perfectly stiff," he sold, turning off the shorter at the storder of the storder of the shorter to origin. If the sport was the storder of the storder

"Not moressary," said the inventor, "The pres-

once will slick to furly pound in ten minutes."

"It was a harvering to an instance for the products
of the Alex Manufasturing Company. When now
have readed the narver age of skirty years and has
a large family, even to grand-killerin, the stabling
of cars his against the mass mouse or count of no.

See Seedings of the country of the

find another powder.

a maye rammy, even to grame-contents, the adding and on any power of control in Section 2 of the section of the Section 2 of

there are events on and in places are in similar to the clicket of case becaused declars from the binding of the first self-liminable.

Together the two same waited into the drug stops of the first self-liminable.

Together the two same waited for the similar to the first self-liminable.

Together the two same waited for the similar to the first self-liminable.

Together the two same waited for the similar to the same waited for the similar the similar than the

Company and were enhitched.

An hour later he concept and pheniumly inquired

"It brought it every here from the shop by realgower," explained Mr. Pondisk, "as I wanted you to

"A Striffer powder, please," reiterated Mr. Fontiake the vary fairs relate in the Striffer under

"A Striffer powder, please," reiterated Mr. Fontiake the vary fairs relate in the Striffer under

"A pour later he concept of please," reiterated Mr. Fontiake the vary fairs relate in the Striffer under

"A pointing to the dime.

lie een teen-ee par, reflee."

Nr. Stroffers is teeled the methic ever dultionity.

'It leaves like a fir extinguisher," be watered.

"That's the very nursighs test is worken and not the treventer." "For see this reservoir," and he treatment of the treatment of the reservoir," and he reservoir, "and he reservoir, "and he reservoir," and he reservoir, "and he reservoir, "a

pointed to 8 are granulated organic quantum states that book, "in the militing chemister—the stemach of the mathine, as it were. Late it the provient are dropped and the controls and gas extractes the twenty of the control and gas extracted to the register carrier general to the back rais. This link the register carrier general to the militial with the researce, and that the militir with this?"

motion controls the cut-off and the reverse, and the theoritie here parties you to give the august as well as "It work get" belowed Mr. Roofgrass, the off, gas. But dished high its abled, "and we're her off, gas and the survey of the survey of the survey of the Mr. Snodgrass with survey relations estepped in the backed behind the souncer and reached to the backed behind the souncer and reached to the backed behind the souncer and reached to

Mr. Stollgrass with some relationse stepped into the matchine and control derivant! Mr. Forbile folds forced him and then fishing out of his pecked a Saidlitz gowlor he uncarreed a huma cup from a tabla him perturbed from the disce of the matchin. "You blank we are cross," seemed Mr. Stollgrass. "You blank we are cross," seemed Mr. Stollgrass.

that pretrained from the theory of the incolain, deeped the power through, bottlet the burker, and they were off. It was a deep-like braker, and they were off. It was a deep-like braker, and they were off. It was a deep-like braker of the this—the Seidlitumbhlie behaved substitution of the his—the Seidlitumbhli

"The neutral results of the second se

cities can be retailed at two brandred dithers. It can be seen that a brandful of signers will make us millional. All there is to it is a ten and gave the droggist one, who insuscitately put it delite engine, a brank sylvinder, forer wheels, can a brand full brand of the state of all deliterated is discounted as consistent with a state of a deliterated as discounted as controlled as the state of a deliterated as discounted as controlled as a controlled as a

Scottles power. The stores is ordered to the control as expected, some noise seeing was reaccifully as extract as the dodle. Every family in the last will possess can. It will be a convenionate to the rich, a latenting to the poor, a.——" Take that recoloide the fee extinguishes or a softwarter between meaning and latenting to the poor, a.——" Take that recoloide the fee extinguishes or a softwarter between

blearing to the poor, n.— Tasy had recorded the bectom of the hill and the machine stopped. "What's the matter?" demanded Mr. Sondgrass, his vision of richne suddledly faither ower.

said "and the same is worth a million in itself."

his winter of riches uniformly failing unsay.

Mr. Feelick age set on and bound the meabling over
wisely. "I think the expire has altyped an escutries" he wounted after a few moments of nondiscontinued. "It seelik the marie of the inchinal" he
contries "he wounted after a few moments of nondiscontinued." It seelik the marie of the inchinal" he

own idea. Diving back again behind the prescription care he emword with a bettle of said and a large suck of hexarbonate. "Come on," he said, enthusiastically, "we'll give it a good does." Before Mr. Foodick could remoustrate further the drucerist had emptied a neck of the alkeli into the mixing chamber and atord ready with the bettle

of sold. "Get in the reachine and set all ready to prill cut," he said cheerfully, "for when I near in the sulphurie acid the pressure will generate very Mr. Snedgrass booked at Mr. Feedick and Mr. Fredick looked at Mr. Sunderess. "Herry!" said the druggist.

There was a compalling ring in the apothecary's the men elimbed into the mechine,

"I have nothing horners," orecard Mr. Sandgrass. Mr. Foodick made no renty. Although his face a determination to stay with his machine to the end. No sconer were they sented then the decoriet

caparly poured in five gallons of acid and then quickly servered down the cam There was a sudden click of the pressure gauge and the hand flew around to the extreme limit. "My God!" ejaculated Mr. Snodgrass. "The index shows the limit of the course-six hundred neards. At what neint is your safety set?"

"There is no safety valve," conferred Mr. Fuedick weakly. "I didn't think it would be necessary." "The pressure is fine!" exclaimed the druggist as his eve caprit the paper. "And seitating the reserveir niways increases the action of the stid." and catching held of the wheel he save the muchine a visorous shoking back and forth. "Stop that!" screamed Mr. Fordick, "Do you

want to blow us un!" The druggist suddenly stopped and stratched his thin, "I forgot nemething," he said cheerfully, 'It is this: The seld will out out your brass reperwell in a few minutes and will probably blow you

"Here," velled Mr. Snodgram, "let me out," and he made a desperate effort to olimb out of the ma-But the frightened Mr. Fordick knew there was pressure of the reservoir by exhausting the cas-

Into the next county."

through the engine. With a sudden movement he threw the throttle wide open and then with the year of a moral engine the Settlitzmobile took down the desty road 56 better than a hundred-mile-enhour clip.

the annels of automobiling as the malden effort of the Scidiffurnchile. It made the ninety-three miles between Jonestoro and Smith's Corner in twentyserven minutes, and in seven of the nine towns it passed through it was reported as a comet; the other two wired the Weather Bureau of the visitation of that most unusual phenomenen of nature, a dry cloud-burst. As the muchine tore its way exhaust pipes. It asphysiated thirty-seven dogs that yards. Goose Creek, which paralleled the road for forty rolling ran vern so is water for two weeks afterwards, and it cost Mr. Sandressa seven thou-

Names has there been such a ride chronicled in

three townships, which he did only after suit had How far the machine would have traveled is diffisult to determine although ald Prof. Succion Mr. Foodick's implecable enemy, calculated that the times around the earth before becoming winded But as a matter of bistory, it did not on this dis-

tance: It made one hundred and eleven miles before the drapplat's prediction came true. At Smither's Janction the reservoir exploded. It changed the course of Wild Cat ren. The concussion was felt in nine states and the seismorrosh at the University of Tokin reported an curthquake accrewhere in the Aleutian Islands Mr. Stadawess and Mr. Fasdick finally came to earth on a haystack in an adjoining township after having mode an ascent of two hours and fifteen mirates, missing lunchess on route. The Agra Citib

of France, which sent a special representative to the aret, calculated their flight at semething over two million kilometers and presented both men with a pilot's license and an happrary membership in the club, which, it must be told, they both refused, saytog that their flight was unresmeditated and that they could not honorably accept the licenses. When Mr. Spoderass alighted man the havetack he from that Mr. English had revended him he agree mirates. There was a deced, dreamy look rmon Mr. Foulisk's face that consentant alarmed his

commanion. "What's the matter, Position?" he inquired, shaking him. "Are you unconscious?" "No." replied the penius, coming out of his mus-

ing with an approximate effort, "I have just thought of a new invention." "Well, you can leave me out," retorted Mr. Snod grass, gonely.

# The STAR By H.G. Wells

Author of "The War of the Worlds", "The Time Machine", El



ceture throws and the whole earth ewoped and reached with the e

THE STAR

une on the first day of the new your that the amenorement was made, almost confidence of the first day of the parent confidence of the parent conf

parameter first optical radios lite four, not become reported retardablish in its velocity in Docember. Such a pione of proxe was sourcedy estendated to interest the world the greated portions of whese labshisticate were unawars of the existence of the plant Nepton. As expert discovery of a failer transfer profes for the captured discovery of a failer transfer profes for the profession of the perturbed plant of units of the great estimates.

great excitances:
Scintific people, however, found the intelligence
remarkable catuagh, oven before it became known
that the new hedy was rapidly growing larger and
brighter, that its motion was quite different from
the orderly progress of the phasets, and that the

brighter, that its motion was quite different from the orderly prepares of the phinota, and that the defection of Neptune and its astellite was becoming now of an unprecedented kind. Pew groups without training in science one reviies the bage isolation of the color system. The sunwith its accident of manta. Its dast of physics with the accident of manta. Its dast of physics

For people without training in editors on resists the large leaktion of the color system. The suswith its species of planets, its dust of planets that it impains the colors awitm in vacant importantly that almost address the imagination. Beyond the orbit of Nepture there is space, vicent as far as human observation has prostructed, without

Beyond the ories of Neptune there is agree, vicent as far an human charrestian has perotraced, without warmen or hight or scened, hand surpliness, for twenty billion times a sullifier make. That is the smallest extinctle of the distance to be traversed before the searcet of the situance to be traversed

awing a few counts, never unabstantial than the thinness flams, no exister had ever to harma kneed of people, until early in the treatieth century this resolution century this seaffers a papares.

trentieth century this service washfever apparent. A visit reaso of matter in the same and the s

ment, as a speck with a of the cred will recer. I bearly samilled dismeter, on above, the frequencies in the considization. Los our certains and harden must Regular. In a little secondary desired above.

I have been above could be a secondary of the consideration of the latest the construction of the construction. On the third day of the new years the secondary readers of two bounts are secondary of the first them of the real linguisters were made newer for the facts them of the real linguisters of this unusual.

one Leadure paper medical the news, and perelational Decklar's against that this stronger new plazes were presented by the perial probably collide with Negatina. The leader writers enlarged upon the upon 50 this in most of the angithal of the world, on Jan. 3), there was an expectation, however wagen, of some emplical phonons of the perial per

and the stern overhead grown pole. The vosition drown it was a tribby fillering recommittees of skydewn it was a tribby fillering recommittees of skylering the stern of the stern of the stern of the list the working policients are well taking the base for the younging policients are the taking, the base covoids in the market of type is stope, vorticing explicit, and the stern of the stern of the stern of the stern covoid in the market of type is stope, we then a stellar for the stern of the stern of the stern of the stern for working the stern of the stern of the stern of the working the stern of the stern of the stern of the stern work is seen—and set at any by consess unableing the workers all set which care, we manticely the

Hetil it was down in London and Dollar setting

this weatward sky!

Brighter it was thun any star in our skies;
Brighter than the evening star at its brightest. But till glowed out white and large, so ment withinking oper of light ton a small round clear shifting disk, an hour after the day had enon. And where selected has not enough the way and positions as the resolute, men stared and formed, telling me arother of the waves and positions to that our formed and the second of the

arrighter of the years and pentiliances that are foreshadowed by these flavy ginze in the haavens, as Stordy Beces, disaby Bieterdeida, Geld Coast aserrore, Previouse, Spaniseles, Provinguese, seed in the gives of the sources watching the acting of this and the second of the sources watching the setting of this at all the product of the sources watching the setting of this at the broader's desource/specific has been seen as the second of the source of the source of the source of the second of the

suppressed existenced, rising absent to shortling pitch, as the two remote boften had rached together. There held been a harrying to end for to guther photographic apparatus and spectroscope; to guther this applicance and that, to record the zoval asteniching sight, the destruction of a world,—six in the contraction of the contraction of the con-

HEST is an interceben any loted as its horizontal of determined the same of th

on' ceet miswee' jobressees and cressees, would then my fine the reason cloude. He would be the seen of the create in the create

above it. Everywhere from murveled at it, but of all these who zero it sace outside how marveled more than these rollors, inhibital watchers of the above, who the many at sate had been on thing of its above, and tow it now itso like a yigny mean and clink emiltered and hang overhead and nike wetward with the president of the night. And when next it poss over Barope everywhere

he-route, in open spaces, staring contrared, waiting for the the riving of the new star. It rose with a white and glow in front, like the glare of a white fire, and

d glow in front, like the glare of a white fire, and a three who had seen it come into existence the night before cried out at the night of it. "It is larger."

## 244 AMAZING STORIES they cried. "It is brighter?" And, indeed, the with a click. Half way up the sky, over the stanser-

meen a quarter full and stiking in the west was in its apparent size beyond comparison, but scarcely in all its benedith had it as most brightens now as the little circle of the atmage new star. "It is brighter?" owed the people elustering in the street. But in the dire observatories in

the streets. But in the dim observatories the watcheen held their breath and peered acobtar. "It is nearer," they said, "Nascar" And visio after wise repeated. "It is nearer," and the eliciting talegraph took that up, and it tremited along tolophone where, and in a thousand office gring compasitors fingered the type. "It is

office printy comparisons framewol the type. "It is secure." More writing no filess, travels with drazene realisation, fram down their pers, more tolking in a probability in the ownership with a first probability in the ownership with comparison of the contract." In the rared sing a suskaming streets, it was obserted down the robot-tilled warm of quiest villense, men who had probability to the contract of the contract of the probability of the contract of the contract of the probability of the contract of the contract of the probability of the contract of the contract of the probability of the contract of the contr

How elever people must be to find out things like that?

Lossly transpa faring through the wistry night macround those works to confect themselves—looking elevated. "It has need to be nearer, for the night's as old as chartly. Dan't seem must warmen from it if it is nearer, all the sem."

"What is a new star to me?" origin the womine

woman inscaling basic bur dand. The obsolvaby, rising early fee his examination work, peaked it out for himself—with the great white stars sitting broad and beight through the freed downer of his window. \*\*Contributed, sentral planet in its flight, rol it of this entiritional force, what then? \*\*Centributed has it, ned down it falls into the sun! And this—"

site the sun! And this—!"
"Do we come in the way! I wonder—"
The light of that day went the way of beeckren, and with the little winthen of the fresty devicement and with the little winter of the fresty devicement bright that the warder mean seemed but a pole yellow groot of itself, fring large in the suisat bear. In a Seath African city a great man had martied, and the sirector were slight to welcome the return and the sirector were slight to welcome the return

and the structs were slight to welcome his roturn with his brids. "Dren the slicke have Bundmache," and the fitterer. Under Caprison, two narro larand or of the slicker, concluding the slicker his a case brake of or an ambier, concluding tagether his a case brake where the fireflies havered. "That is our star," they wishingted, and fall strangely comforted by the overbrittancy of the light.

The comforted by the overbrittancy of the light.

were already finished. In a small whate phild there will remained a little of the drug that had lasp him awake and active for four long mights. Each day, wereas, explicit, patient as ever, he had given his locture to his abtoints, and then had come beek at acce to this ancerelous existentiates. His from were service, the service of the service of the contractive of the service of the service of the contractive. For earns then he seemed but in theough. There he went to the window, and the hilled went up ing roofs, shimroys, and steeples of the city, hung the star.

He hooked at it as one might look into the eye of a brave enemy. "You may him as," he said after a silense. "But I can held you—and all the universe for that matter—but the grip of this little heats. I would not always even new."

He looked at the little raind. "There will be you

He looked at the little plain. "There will be no needed ablong suit," in said, "No need thy at nost, punchal to the minute, he extend his lecture theseness, and carefully substead is large room of shall. It was a jobe arroug his statems that he could not lecture without that place of charge room of shall. It was a jobe arroug his statems that he could not lecture without that place of chair to famile in his fugers, and sense he had been striken to importance by their Miding his nupple. He comes and looked use the large of the statement of the statement of the shall be compared to the statement of the statement of the large of the statement of the statement of the history of the statement of the statement of the statement of the large of the statement of the s

combination of the part with the secondarion between combinations of partiality. "Distantial probability and state of the combination between the control of the said and partial the control of the said said partial the control of t

meant upon our elim grid-frienges from. "It will be interesting," be was spring. "To devote this meaning to an expanditue, so for as I can make to the economic of the abundance that have belone to this economic of the control of th

toward the lecturer.

And presently they began to understand.
That night the star reas later, for its proper constant metion had carried it some way narges Lee
based Veryo, and its hrightness was so creat that

the aby became a luminous bias as it ross, and every, a star and plants was hiders, are cold Fagilies are as the results, Gugella, Aldaharra, Strius, and the political term of the Sect. It was white and hearthful. In the contract of the world that sight a point hat the contract of the section is the proposition length; in the colded in the sect of the size of the mon. The free that the section is the section of the size of the mon. The free world was as heightly like at it is were indicatomate on mornights. Our estall as as to read upthe collection of mornights of our collection of the size of the mon section of the size of the mon.

prince by that cold other life in runs, quite decimple, which is the cold of the life in the cities be princed. And everywhere the world was anough their injust and investigation (Calcisomora a conder marranz beng times the cold of the cold of the cold of the cold of the times of the best in the heather, and this mercuricus time are well give not nainzage in the cities. It was the toling along the cold of the cold of the cold of the prince of the best in a million halfry bowers and stoods to the cold of the cold of the cold of the prince of the cold of the cold of the cold of the prince of the cold of the cold of the cold of the prince of the cold of the cold of the cold of the prince of the cold of the cold of the cold of the prince of the cold of the cold of the cold of the prince of the cold of the cold of the cold of the prince of the cold of the cold of the prince of the cold of the cold of the prince of the cold of the cold of the prince of the cold of the cold of the prince of the cold of the cold of the prince of the cold of the cold of the prince of the prince of the cold of the prince of prince of the prince of prince

St at And overhead, growing larger and krighter, as the was earth rolled on its way and the night peaced, rose good the dateling star.

fi. And the streets and houses were slight in all the

the star unbreded

to high country were lit and growded all night long. And in all the seas about the civilized lands shine with throbbing engines, and ships with bellying sails, crowded with men and living creatures, were standing out to seem and the north. For already the warning of the master muthamatician had been telegraphed over the world, and translated fato a hundred tongues. The new planet and Neptune looked in a flery embrace, were whirling headlyne

ever faster and faster, toward the sun. Aircody every second this blacing mass flow a hundred railes. it few its course, it must ness a handred million of miles wide of the earth and scenerly effect it. But near its destaned path, as yet only shehitly reaces recenited unlanded arroad the sun Reserve mement now the attraction between the flery star the result of that attraction? Inevitably Juniter

would be defected from its cebit to a new elliptical path, and the burning star, swang by his attraction wate of its sunsaid rush, would "describe a curve noth" and ruchana callide with and curtainly nass close to, our earth, "Earthenakes, volcame outin temperature to I know not what Emit"-so pro-And overhead, to carry out his words, lonely and

To many who stayed at it that night until their ever arbed, it seemed that it was visibly approach ing. And that night, too, the weather changed, and the frost that had priceed all Control Burens and France and Expland softened towards a thew But you must not imagine because I have spekers ing abourd ships and people feeding towards mountalmous country that the whole world was already in

use and went still ruled the world, and save for the talk of idle morecous and the selector of the night. sure one here and there, spened and closed at their their trades, and workers gathered in the factories, soldiers drilled, acholare studied, lovers sought one their schemes. The presset of the newspapers church and that would not open has holy building to further what he considered a feelish name

The newmapers insisted on the leasen of the year 1000-for then, too, people had antirinated the end. The star was no star-more gam-a comet; and were it a star it could not possibly strike the earth. There was no procedust for such a thing. Common sense was sturdy everywhere, secenful, festivo, a little inclined to persecute the obdurate fearful. night at 7:15 by Greenwich time the star would be at its payrest to Juniter. Then the world would see some at last, a little headed by argument, signified its malterable correlations by coing to bed. So, too,

burbarism and savagory, already tired of the novel-

fore, there were still plenty awake to laugh at the marter mathematicisp-to take the dancer as if St But hereafter the laughter comed. The star grew -it grew with a tearthle steadiness bour after hour. south, and brighter and brighter, guttlit had tyrued night, into day. Had it come stroight to the earth instead of in a curved path, had it lost no velocity to Juniter, it reast have least the interesting only in a day; but as it was it took five days altogether to

ty, went about their nightly business, and save for

a howing for here and there the heast-world left

pean states saw the star race, an hour later, it is

true, but no larger than it had been the might be-

And yet, when at last the watshers in the Runo-

come by our planet. The next night it had become ever, and the thaw was assured. It tose over America nearly the rice of the moon but hilleding white to look at, and hot; and a breath of het wind blew now with its rising and exthering

lightning, and hall umprocedented. In Menitobaterie a their and dynastating foods. And men all the mountains of the earth the 2009 and ice began to melt that night, and all the rivers coming out of their super reaches-with swiring trees and the hodies of beasts and men. They resesteadily, steadily in the ghostly brilliance, and came trickling over their banks at last, behind the frong population of

And sleng the court of Arrestina and up the been in the memory of mon, and the storms drove the waters in many eases seems of relies brigad. drowning whole cities. And so great grew the heat during the might that the vising of the son was like the coming of a shadow. The earthquaken began and grow until all down America from the Aretic Circle to Cone Horn billships were tilding former were opening, and began and walls crumbling to

Chine was lit glowing white, but over Japan and Jers and all the islands of eastern Asia the crest star was a hall of doll red fire because of the steem and smoke and ashes the volcanous were spectime for th to salute its coming. Above were the laws, hot pases, and ash, and below the seething floods, and quake shocks. Seen the immeractial snows of Tibot and the Himalayan were melting and couring fown by ten million deepening converging channels upon the plains of Burms and Hindustry. The tangled summits of the Indian jungke were affame to a thousand places, and below the hurrying waters around the storm were dark chiests that strumped feebly and reflected the blood red tongues of fire. And in ungovernable confusion a multitude of more and women fied down the broad riverways to that

one last hope of mon-the open sea. Larger grew the star, and larger, hottor, and brighter with a terrible swiftness now. The tropo-

### AMAZING STORIES

line steam rose in chartle wreaths from the black telesod ships. be Record watched for the rights of the star that the world must have consed its rotation. In a thousand open spaces of down and upland the people who had fied thither from the fixeds and the falling houses

valu. Hour followed bour through a terrible sucmence and the star rose not. Once needs men set their eyes upon the old constallations they had counclear overhead, though the ground opivered percenbarwa showed through a veil of steam. And when

mayernest of the sky, and then auddenly, as it have

over India, its light had been veiled. All the plain

of India from the mouth of the Indus to the mouths

of the Genera was a shallow waste of chining water

that night, set of which rose temples and palaces,

mounds and hills, black with people. Every minurel

at last the errest ster rece, near ten hours late, the Over Asia the stor had beened to fall bekind the

was a clustering mass of people, who fell one by one into the turbid waters as heat and terror everceme them. The whole land seemed a-walling, and auddemair, and a breath of eald wind, and a cuthering of clouds out of the cooling alc. Men looking up, nearly blinded, at the star, and now that black disk between the oter and the earth. And even as men coled to God at this recoits, out of the east with a strange, inexplicable swiftness surong the age. And they stor, and onen rushed together So it was that presently, to the Rureyess wotchone often and our rose shote upon each other down headleng for a speed, and then slower, and at last came to rest, oter and our merged into one plays of fame at the sculth of the sky. The moon no longer sellinged the stor. but was last to sight in the brillialive respected at for the most part with that dall

storedly that burrer, fathers, heat, and despuir expender, there were still most who could narresive the meaning of these siens. Star and earth and been at their nearest, had swang about one another. and the stee had mosed. Absende it was resulturlarge tarreasy dynamical into the uni-And then the cloude gathered, blotting out the

such a downpour of rain as men had never sten before and where the volcarosa frond rod apainst Everywhere the waters were pouring off the land. a storm-wors beach with all that had floated, and For days the water streamed off the land, aweepptling huge diless and according out titanic guilles over the countryside. Those were the days of darkthrough them, and for many weeks and menths, the earthquaken continued.

vision of the sky; the thunder and lightning ways

But the star had passed, and men, honger-driven

to their rained cities, buried granaries, and sodden fields. Such few shire as had second the storms of that time earns atsunted and shattered and sounding their way emptously through the new marks and abrels of once familiar ports. And as the starros subsided men nerceived that everywhere the days were better then of more and the arm larger, and the muon, shrenk to a third of its former

But of the new brotherhood that erow presently among men, of the saving of laws and books and markings, of the strange chapper that had come own that the selices coming there presently found there green and greeious, and could rearce believe their ayes, this story does not tell. Nor of the movement It consumes that only with the coming and the The Marties entropossers-for there are entrope-

mers on Mars, although they are different beings from man-were neturally profoundly interested by these things. They saw there from their own standpoint, of course, "Considering the mass and our solar system into the pun," one wrote, "It is astonishing what little damage the earth, which It missed so narrowly, has suptained. All the families continuated markings and the masses of the near rarrain intact, and indeed the aniv difference seems to be a shrinkage of the white discolaration (supnoted to be frozen mater) would althou volo Which only shows how arrall the vastest of human catastrophias may seem at a distance of a few roll.

THE END

## - NEXT MONTH -

Two feedingting new stories which you won't forget for a long time: BLASPHEMER'S PLATRAU, by Alexander Soyder. THE TELEPATHIC PICKALP, by Samuel M. Sargent, Jr.

Also there well-known consists: THE MOON METAL, by Professor Garrett P. Serviss. THE MAGNETIC STORM, by Hugo Gernsback, F.R.S.

# "WHISPERING ETHER" Dy Charles S. Wolfe



brings bean the front book of the first of the first of the first brings and the first of the fi

"M NOT a neisstair."
"The state of the state of the state of the state of thing, yet and the state of thing, yet and "Stoce and the state of year fort." Then is xay own trade. But now that they get me tied up in this confusuadi fall, and I salv get may the yet the state of the

An ematter story by this reconstitute about yet been stabled above. But it coulses and it must give a basic for the effects of the emission of an emission of a transition of a transition of the emission of adultation convers, on the titakes equalities by it call, and this is a further a synaptic to be emission. On the emission of th

whitever you call these piake that admit they're man can prove you're not, presecutored almospeciasty insum. I stirre almospeciasty man, I stirre and prove you're not, be's a not stirreduced to I den't get introduced with the Procesor in the regular way. We didn't have no notatal acqualitationes to stip as the

qualitances to slip us the hosel-down. It all came about thru me droppin' in one night, essent like, to thou his rate. You might worker what a year would want out of a laboratory ande. Maybe you'll wise up when I is now it were a con-

when I tip you it was a contract job. Not my own, see? I'm numbs' so names but these was a gang of hig gays that wanted with Province's formula for Chern, and thought it would

t pays to keep your mouth shut in the circles I swe in. Proctor's in the bug house. Three allenists, or

#### AMAZING STORIES be elegated to buy it off me than birs. Anyway, I'm He was talking again, "My man," I principled

after the namer with the makeup of this explosive when I timmed the laboratory window. Um could this wight have: Decator rear he a not but he's no book. I was expecting burgley alarms. spieralfie thise trung, all that kind of stuff. And I seas all fort for an electrified how. Proctor and and over on me furt the same. And if he didn't do it

with the mind machine, bow in Hell else do you account for it? I was workin' on the old can. She was a fairly respectable affair, and I make up my mind to blow her. I was drillin' owny when elick coss a spritch

and the sudden flare of light dusted me. Were you ever caught working on a gur's sufa, brother? No.1 Well take it from Osear, it's like welling one ages Even before I can see right my mind's working see again, and there stands Proctor, a long cord truffing behind him and 'abones over his earn like the wireless men. And I notice with joy that he

sin't got a got-not that I can see. Anyway, I risk it. Just an suick as I can draw I flushes my automatic. I point it right at his bead, and making my voice on hard on I can I save, taxonlike, "You musk one word and you'll est your breakfast in Hell? And Propler smiles Oct that? With my est at

his haid he emiles. And fellow, when Prortor sulles it gives ven the croses. And then he saysa' help mo-I'm not bullyin' you--"Put your gun Can you beat that? It warn't either, but how did he know it? Bluffing? That's what I thought, and I sees his bet and raises him, "You move," I growin, "and you'll discover you're a had guessor," He smiles again. Say, I can feet my flesh ereep

yet, "It's not loaded," he says, very calm, and he walks a few steps toward me. I don't sheet. You enrit, you know, with an empty gun, and I see that be's called my buff. "You win." I says, "It oight. But I can been the life out of you with it." That emile again. His head goes to his peaket. sell you pills is. "That, my friend," he care, "in full of Chero. If I just tone it at your feet, you'll

never attempt to ottel a formula again on this Does be win? He owns the building, "Call-the officer? and I chroke the over on the floor. "Pil m culetly." "Reneible," he remarks: "very sensible. You passes indement, own if you do look corress.

"Call in the hulls," I growls, "I'm not oppositing." He takes no notice. "I know who sent you. I knew you were coming." "Look here" I blurte, "If that cone framed me. I'll talk. They cost for me. I didn't on to them.

"No one informal me, if that's what you mean," he says, coldly. "It is not necessary for any cost to inform one of anything. The world in an open (That's just what he told that came of apulymen they don't want to pay it. They believe they can wrest it from me by force or trickery. You are their first emissary, and it is my wish that you be their last. I am going to convince them that it is useless to attempt southour of the kind with me. I am not going to turn you over to the police. I am poing to show you something, and then I am going to send you hack to your masters to tell them what you have seen. After that," he smiled, "I don't think I shall be troubled by them. Come!" He stalked into the next room, me at his heets There wasn't much in that room-just a table account with appropriate. I have seen a privaters set

when he ancke. "the men for whom you wont and

imberies. I have nomed my price for Chero, and

It belod comething like that, only-well there was semething different about it. He pointed to it. Oh! I can see him yet, with his flashing eyes, and his hig dame. "There," be, "is the mind mashine. And you, a criminal, are the first man to see it except its greator." Pro getting on my feet again, and not so beared. and so I came at it curious, "What is it. Doo?"

I arks. "It reads your thoughts," he says, just as solome That's right, lough. I don't blame you. I grinned properly. He saw me errin and he tromed on me tike a tirer. "Delt." he believe, "Glod! You doubt. Fig!

theraphrat the ages. You sweet -- you utiliseful!" thinks, "and loose with that bottle of Charo in his "How does it work?" Lasks, to gain time. When you're in a room with a nut that's nursin' a bottle And this particular not don't went me to. But I

By durch luck I hits the right chard. "How does is work?" gots reasits. Right away he seems to forgot he's mad. He accurs to forget I'm a year, hard over the abley brass of the represt test errors. "Simple," he says, "very simple. It is based on the electro-magnotic wave and the conducting other theories." His over my head but I listen. "Have you ever considered just what happens when you theak intensely? By an effort of what you call the WIR, you ecocutrate on what you are thinking Emotion, too, plays its part. You are intensely engry, intencely worried, intencely interceted, This

concentrating atta physically on the broke. There is a call on the heart for more blood. And the beart responds, sending a thicker, feater stream to the offeeted locality. Now what harness?" He turns to me like my tracher used to do in school when there wer a question to be answered. "Search me." I marrance. But he decen't even see me, I guess, "The inerrensed stream, making at an unusual rate, rube

project the walls of the point and exteries of the head, producing friction. "I con." I cows. politicly. But I don't. "This friction is the physical result of the mental

action. Your nursly mental process has, by the membership of the rushing blood and its attention

afterwards and they said he was lacency. But if they bed seen him as I seen himfriction, best transformed into, or hes produced, a
physical manifestation."

And then he want off his handle again. "249

mess," be roared, "that you are to so hask to the

His worse small to a whosper, "It is this fact that sales my good inventous possible. The fraction set up produces first currents of deletracity. It is Returned on generation. The currents are faint, which lost they are three. And they vary in recently in proportion as the reaching blood element consisty in proportion as the reaching blood element consists of the construction of the control of

can generate a current one hundred—yee, one thoucand—three greater than others, but all mands generate to some extent.

"And these electrical impulses are thrown out into space in ware trains, countly as the radio take graph thrown than out. This accounts for the thermomen of mental behavior. If conditions are

phenomena of mental subpatty. It continuous are nut right, the receiving mind in perfect tase with the treascatting mind, and sensative arough to interpret the resolved impales, you have accesspitobed tolepathy. All that remained for mo to do not be marked to the continuous and the subnate measures the intensity and obtaneteristics of the generated current, its frequency—and it is high —and——"

He pussed and fixt me with that fally stare. I didn't know just what to say, so I took a Beedy. "And what, Doe? Slip it to me quick." "And the length of the countral wave," he comes

book at me, trumphently. "It might be one millioth of a meter or it might be one million meters. Or it might be any length between those carterions. Or keyond them, for that matter. I succeeded in

He larghed. Or, rather, he larghed and started of at once. The officer you straight, follow, your last started or one when Proper through the prolimation of the proper through the programmer of the proper through the programmer of the proper through the proterior of Lodge or Marcool, 1—Proctoc—I researced these worse within, of course, possess that I found a director fee them. Our Friend DePorest thinks that he has a properly on the research that is the last properly on this results that I found a

that he has a moropely on ultra-sursitive detectors. Prestor's detector is to the suffor what a stop watch is to a wheel barrow!

"And the frequency. It is beyond the limits of nullfillity, as that term is understood. I wound above that sill replace the received afond a mulfilli-

And the task was duce."

Meet of thei stuff had gone over, but like a lightning sight the sight been burst theu' my abruptolperof creature. I fairly stuttered as I got his drift.

perof creature. I fairly stationed as I got his drift. I'll bet my open popped as I gaped at that machine 'Good God!' I apintered. 'Bo you mean that that thing can heer you think?'
Preytor smilled the mearcuit to a human smile that

I ever new on his ring. "You have gifurnerings of intelligence," he said, in a gratified way; "I mean institute." mean, The rectord, "that you are to go hack to the cern that near you and tell them that it is unables for them to pits squared ran, for I can have their manners and the state of the control of the con

virced."

He wiseled to the table and whirled imote and dist. A continuous humming and bunning sounded in the "nitones.

And then it hummed, Listen to me class. I know

as the phones.

And then it happened. Listen to me close I know they labeled Prector "aquired food" for telling them less then this, but—— This was July of 1914. Get that!

Suffactly concibing like a voice—no, not like a

water, etther—the a veloc incide my own bood, it you can get not, and montrality, with a drong Gerners mount, "Servius still, because the dare not substill. France tunnt, because the dare not subbehind it. Employed worst as a less desperant offer to some hermal. But my envice still period them like grate in the mill. And them——...

Prosetor tore the "places from the 1.1 was like as

stuffed doll and I never raised a mitt. He grabbed me, and it was just like bong caught in the jave of a vice. "You have heard," he thundered, "Now got."
The last thiny I recomber was that he hearned

me toward the dice. I remember spinning toward it, And theth sil.

The next thing I remember is wisking up in that haspital word. It was July of 1914 when Proctor chacked me, and it was late August when I found moved in that heavital.

As near as I can learn I missed the deor, hit the wall and a bottle of that Chero stuff get knecked off a shelf. They day Prector and I cut of the ruins, and we were both pretty well messad up. Proctor raved about his ruined mind machina, and it will have a near to the soulired care.

If you read the papers at the time you'll remonber Prector wanted me to back him up, but I wouldn't talk. Least noid, encode rendend. Now you got all I know about it. I spilled it care to Gentleman Joe, a high-browed creek, who nothed up all they may you at Harvaid when he was young.

Maybe he did. I might think so myself if it had happened in September instead of July, 1914. Oct

# The RUNAWAY SKYSCRAPER By Murray Leinster "



### THE RUNAWAY SKYSCRAPER

on the Hetropolitus Tower began to proceeding. The hands had been been ing opward in their customery deliberate fuckion, slowly and thoughtfully, but such dealy the people in the offices near the clock's free heard an onupous creaking and greating. Theretower, and then something gave with a reach. The Immediately after the crash all the creaking and promine censed, and instead, the usual quost again hung over everything. One or two of the occupants of the urner offices put their heads out into the halls, but the elevators were running an usual, the hights were burning, and all seemed calm and penceful. The clurks and stenographers went back to their ledgers and typewriters, the business call-

WHE whole thing storted when the clock

ers returned to the discussion of their terands, and the ordinary source of business was resumed. Arthur Churcharlein was distation a letter to Estelle Woodward, his sole atmographer. When the his task, It was not a difficult one. Talking to Rutelle Woodward was at no time an onerous duty, but it must be admitted that Arthur Chamberlain found it difficult to keen his conversation atrictly amon his bustness. He was at this time engaged in disjuting a letter to his principal creditors, the Gary & Milton Com-

peny, explaining that their demand for the imprediate reveners of the instalment then due much his office furniture was untiredy and unjust. A young and budding engineer in New York power Arthur Chamberlain was, and as fond of pleasant commany, and not too fond of accommising, be in

he usually considers them

unjust an well. Arthus

fulshed dictating the let-

said regretfully, "I are

Miss Weedward shook

her hand suspects. She

did not seem to take his

remark year nericusty.

but then, she had learned pever to take any of his

remarks sariously. She

had been passled at first

averything with a half-

ioldne passimism.

ter and sighed. "Min Woodward." be

a successful prop."

She had omsidered the matter and decided that she would have to recognider ber former existen of women who did not merry. Herotefore also had thought there must be something the matter with there. Now she believed that she would come to their own estate, and probably for the same recorn, She could not fall in love and abe wanted to. She read all the popular nevels and theflied at the love-seemen contained in them, but when any of the young men she knest became in the slightest degree anntimental she found barself based, and discusted with berself for being bired. Still, she herself to a life without remance.

could not understand their absorption in baxing

and baseball and she did not like the way they

She was far ton pretty for that, of course, and Arthur Chamberlain often longed to tell her how rectly she really was, but her abstracted air hold him at arms' length. He by back at case in his swivel-chair and considered, looking at her with unfeloned pleasure. Sho did not notice it, for she was so much absorbed in her own thoughts that and rarely noticed anything be said or did when they were not in the line of

"Man Woodward," he repeated, "I said I think I'll never make a successful man. Do you know what that means?" She looked at him mutaly, volite inquire in her "It mesma," he said gravely, "that I am soins broke. Unless semething turns up in the next three weeks, or a month at the latest, I'll have to get

"And that means—" she asked. "All this will go to rot," he evoluted with a

syrection westurn. "I throught I'd better tell you as "You mean you're su-

"Giving up you will be

ing to give up your office and me?" she asked, a W. E have all heard of and read about the Eleatela theory, which resolves the our in its coleslations of the masterious "tearth descriptor," Here our author gives a novaderially effective picture of takes the fourth dissecution that is the conditionion of fine, is the the harder of the two, said with a smile, "but that's what it means. You'll have no difficulty finding a new phon, with are transferred with areas rapidity of receding time to the days when Indians were the only inhabitants of Monthree weeks in which to look for one, but I'm and orner them beings for a spirit.

"I'm sorry, too, Mr. Chamberlain," she said. them in their were during in the ages, of fact they replan o note to celera, to get their absorption back to foundate She was not really frightened, because she knew the could get another position, but she became aware of rather more regret than she had expected.

There was allegee for a moment. "Jove" said Arthur, audienly. "It's getting dark, isn't it?" It was. It was growing dark with unusual

She was interested in her own problems. She had suddenly decided that she was going to be an old maid, and it bothered her, She had discovered that she did not like any one well enough to marry, and she was in her twenty-second year. She was not a native of New York, and the few worne mus abs bad rest there she did not care for. She had parentfully decided she was too finicky, too fastidieus, but could not mem to help herself. She

rapidity. Arthur went to his window and looked out. "Funny," he ramarked in a moment or two. "Things den't beck just right, down there, somehow. There are very few people about."

### AZING STORI

He waished in growing accessment. Lights core strain or in the straint below, but core of the buildings on in the straint below, but core of the buildings lighted up. It grew durbur and darker. Below the straint of the straint of the core of the building of the straint of the core of the straint of

"It shouldn't be dark at this hour!" Arthur exclaimed.

Estelle ment to the window by his adds.
"It looks awfully queer," ahe agreed. "It must be an edipse or scending."
They heard doors open in the hall outside, and

Arthur ran out. The bolls were beginning to fill with excited people. "What on earth's the matter?" saked a worried stangrapher. "Probably an oclipse," replied Arthur. "Only it's

"Probably an oclipse," replied Arthur. "Only it's old we didn't read about it in the papers." He glanced along the corrider. No one clas soomed better informed them he, and lie went back into his office.

Estalls turned from the window as he appeared. "The streets are described," she said in a pushed tone, "What's the matter? Did yet hear?" Arthur abook his bood and reached for the telephone.

"I'll call up and find out," he said confidently. He held the resideer to his car. "What the..." he exchanged. "Listen to this!" A small sized rear was coming from the receiver.

Arthur bung up and tuned a blank face upon British.

"Leck!" ahe said suddenly, and pointed out ed the window.

All the city was now lighted up, and such of the signs as they could see were buildantly illumined.

They watched in silence. The structs once more seemed filled with whiche. They darked along that had been along the silence of the silence of

"Are—are you seeing what I am seeing?" saled listells breathbooky. "I see them polesy backmard?" Arthur watched and collegeed into a chair. "For the love of lifled?" he coclaimed softly.

Russian of the Routh Reversed

E was reused by another exchanation from
Estelle.

"It's setting Eight upsin," the cold.

Arthur rose and went eagarly to the window. The durhness was becoming less labenes, but in a way Arthur could hardly credit. Far to the west, over heaved the Jerney Rills couldy within from the height at which Arthur's office was location—a finite light appeared in the office was location—a finite light appeared in the Office was location—a finite light appeared in the That, in turn, grew deeper, and of last the cun supeared, risun unconversably in the west.

sity, new stretger and tens took on a rotation trac-Tack, in turn, grow doops, and a but the oun appared, ring unconserrably in the used. Arthur groups. The stress below continued to be through with extended the stress tracking with the contact strewing with extended to the continued to be through with extended to the continued to the continued of the continued to the contact of the contact of the continued to the contact of the con-

"Miss Woodward," he said pathetically, "Pm

Arthur not his hand to his head,

"Wank in the menter?" she asked helpfosety.

She termed again to the window. The opasse
was ilmost entity once more. The meter-cars still
traveling about the attracts were pring no surfilly
they were hardly varible. Their speed assented to
immune steedily. Seen it was almost impossible
to distinguish them, and only a grayigh their marked

they were hardly varilies. Their upoel seemed to immune steadily. Seen it was almost impossible to distinguish them, and only a grayish blur reacted their patts along Fifth Avenue and Twenty-third Street.

It grow dusk, and then rapidly dark. As their other was on the western side of the building they

could not see the run had curic in the cost, but subconrectionly they realized that this must be the case. In offices they watched the personner grow black except for the six-est-damps, remain time for a time, and than suddenly opening into hellitually illembased activity.

activity.

Again this looted for a little while, and the work once more bagan to glow. The cun roce amendate more lasting from the Jersey falls, and began to acceptable, the very soon durkness following an external fall of the places illuminated, Wich bardy an external fall of the places illuminated, "Apparently," as I Arthur, obtaining his voice with a strengthmy staff. Therein, been a starting the second of the places and the places and the places and the places and the places have a starting the second of the places and the places and the places have a starting the places.

nonseables, the direction of the seath's relation has measured, the direction of the seath's relation has been considered by the seath of the seath turned from the wandow with a white seath turned to the seath turned turned to the seath turned turned turned to the seath turned t

follows tell us if the earth were to spin fast enough the exteriptual force would throw us all off inkspace. Perhaps that's what's point to huppen." Estella suck into a chair and starred to him, appailed. There was a sudden explosive behind themes with a char, Stalle is support to her feet and turo-edd A little gill, check over her typowriter-deek by in fragments. Arthur hostly lighted at his own watch.

"Great hereins and little camen-leads?" he shouted. "Look at this?" He watch tremtled and quivered in his hand. The hands were prior around so swittly it was impossible to weath the minute-hand, and the hour-hard traveled lide the wind.

While they kolded, it made two complete reveils tiens. In one of them the slayer of during the history.

waxed, maned, and vanished. In the other, darkness reigned except for the glow from the electric light overhead.

There was a suiden tension and outd in the watch. Arthur dropped it instructly. It flow to

watch. Arthur dropped it insteady, it flow to pleone before it rearised the floor. "If you've yet a watch," Arthur ordered swiftly, "Estable fembled at her wrist. Arthur tore the watch from her hand and threw open the eres. The resolutions in the was solute as wrifely it was

holder in the works. There was a shirp click, and the watch was still. Arther sen to the window. As he reached it the ans rushed up, day hosted a memoral, there was darkness, and then the sun appeared spain.

#### THE RUNAWAY SKYSCRAPER "Miss Woodward?" Arthur ordered auddonbr. "If the corth had settled down, world baye been "look at the ground?" lower. If it had settled to one sale well have been

"There..."

Estelle glanced down. The next time the sun dashed into view she masped. The ground was white with snow! "What has happened?" the demanded, terrified, "Oh, what has harreened?" Arthur fumbled at his chin awkwardly, watching the astonishing nesserants outside. There was hardly

any distinguishing between the times the sun was up and the times it was below new, as the darkness and light followed each other so swiftly the effect was the same as one of the cld

flakering motion-pletures. As Arthur watched, this effect become more newneurced. The tall Fifth Awenne Building across the way began to disintegrate. In a memori, it

secred, there was only a similaton there. Then that vanished, steey hy atory. A great easity in the earth armeared, and then another hullding became visible, a smaller, brown-stone, unimpressive

With bulging eyes Arthur stared across the city. Except for the flicketing, he could see almost

mercly a streak of unplescently brilliant light across the sky. Bit by bit, building by building, the city began to disintegrate and become replaced by smaller, dingier buildings. In a little while these began to disappear and leave gaps where they

vanished. town. He saw a forest of masts and spars along the waterfront for a moment and when he turned his syss again to the stepery near him it was simost

berren of houses, and what few showed were mean, small residences, anterestly set in the midst of "Oh, Mr. Chamberlain," she cried. "What is the matter? What has happened?

Arthur had lost his four of what their fate would be in his absorbing interest in what he saw. He was staring out of the winfow, wide-eved, lost in the night before him. At Estelie's cay, however, he reluctantly left the window and patted her shoulder "I don't know how to explain it." he said an-

comfortably, "but it's obvious that my first surmise was all wrong. The aread of the earth's rotation can't have been increased, because if it had to the extent we see, we'd have been thrown off into space long ago. But-have you reed anything about the

Estelle shook her head hopelessly, "Well. then, have you over read anything by Wells? The Time Machine, for instance?" Armin she shook her band.

"I don't know how I'm online to say it so you'll understand, but time is just as much a dimension

as length and broudth. From what I can judge, I'd any there has been an earthquake, and the ground has settled a bitle with our building on it. the earth, or sidowice, it's notified in this fourth dimension."

in the Fourth Dimension, we're going back in time." "We're in a runaway skyscraper, bound for some was very still in the office. Everyt for the fickering outside everything seemed very much

moved one way or another, but as it's settled back

Estells was subleng with fright and Arthur was taying varnly to separate bur. "Have I goze crary?" she demended between her

"Not unless I've gone med, too," said Arthur scothingly. The excitement had onlite a posthing offect upon him. He had crossed to feel afreed, but

was simply westing to see what had happened "Wo're way back before the founding of New York now, and still going strong." "Are you rure that's what has bargeoud?"

"If you'll look outside," he suggested, "you'll see One moment the enow covers all the ground, then you catch a plantes of autumn foliage, then som-

mer follows, and next spring." Batelle gianced out of the window and covered "Not a house," she said despairingly. "Not a

building. Nothing nothing, pothing!" Arthur slimmed his arm about her and natted here "It's all right," he reserved her, "We'll bring up presently, and there wo'll be. There's welling

She rested her head on his shoulder and nobbed horelessly for a little while longer, but presently quieted. Then, suddenly, realising that Arthur's arm was about her and that she was crying on his

shoulder, ahe sprang away, blushing crimson, Arthur walked to the window. "Look there!" he exclaimed, but it was too late. "TH swear to it I saw the Half-Moon, Rudson's

akin," he declared excitedly. "We're way back now, Estelle came to the window by his side. The renidly changing scene before her made her game. It was no longer possible to distinguish night from day. A wavering streak, moving first to the right and

then to the left, showed where the sun fisshed across the sky. "What reakes the nun wabble so?" abo asked "Moving north and south of the equator," Arthur explained canualty. "When it's ferthest nouth-to-

the left-there's always spow on the ground. When it's farthest right it's summer. See how green it

A few moments' observation exemberated his statement. "I'd say," Arthur remarked reflectively, "that it takes about fifteen seconds for the can to make the round trip from farthest parth to farthert routh,"

He fult his pulse. "Do you know the normal rate of the heart-best? We can indge time that way, A citck will go all to pieces, of course,"

"But what does that mean?" saked Estella uneconprobendingly.

### "Why did your watch explode-and the clock?" a crevator in the earth county by an earth-reales.

\*Renning forward in time province a clock doesn't it?" soled Arthur. "It follows, of course, that when was more it backward in time it winds on When were more it too for back you wind it so tightly that the spring just breaks to pieces." He passed a moment, his discorn on his rules. "Yes, it takes about fifteen seconds for all the

four serosons to pass. That means we've going back ward in time about four wars a minute. If we see on at this rate in another hour wall he back in the time of the Neethman, and will be able to tell if then did discours Arreston after all "

"Funny we don't hear any noises." Retelle observed. She had expect some of Arthre's columns. "It was no or look that though our oans have it we don't securate the seconds. If you'll notice, you do bear a sort of humming. It's very high-nitched.

Extelle listened, but easily hear nothing "No matter," and Arthur. "It's suchable a little higher than your exce will catch. Lots of neonlo ears't been a bot asseak." "I preser could," said Estelle. "Out in the country, where I come from other people could hear them, but I couldn't."

They stood a while in silence, wedching "When are we going to stop?" asked Estelle uneasily. "It sooms so if we're going to keep on indefinitely." "I guess we'll stop all right," Arthur renounced

how "The obscious that substance it was it only offeeted our own hullding, or wo'd use some other one with us. It looks like a fault or a flaw in the rock Estelle was affect for a recogni-

"Oh, I can't be mare!" she burst out semi-hysterically. "Then can't be harpening!" "You aren't cenay," said Arthur shurply, "You're some as I am. Just comething queer is happening Buck up. Say your multiplication tables. Say anything you know. Say remething marible and you'll knew yea're all right. But don't get frightened There'll be pirety to get frightened about

The primpose is his tone alarmed Estella. "What are you afraid of ?" she sained suickly. "Time enough to source when it harmons." Arthur "You-rou sren't afraid we'll so back before the

in pushion access of fright. "Tell me," said Entelle more mietly, esiting a grin on herself. "I won't mind. But please tell

Arthur olensed at her. Her from you male, but there was more resolution in it than be had expected "Pil tell you, then," he said reluctantly. "We're poing book a little faster than 'm were, and the flow seems to be a degree one than I thought At the namehood blind of an authorite makes all of a thousand years before the discovery of America. now and I think measure there on form And union gaining speed all the time. So, though I am as sore as I con he of anything that we'll ston this

hundreds of yurds, or even a mile or two. We started off smoothly. We're going at a terrific rate. "What ?" she naked cuteths to cover his apprehension. "How could I know!" Estelle turned from him to the window again. "Look!" abo said meinting

What well horners sakes are stoud?

Estelle caught her breath,

which may be only a few feet deep, or it may be

The flickering had began again. While they stared, hope suringing up once more in their hearts.

They were slowing up! The white snow on the covered represented there for an approxistic time, systems lasted guite a while. They could catch the instead of its seeming like a ribbon of fire. At less day leated all of fifteen or twenty minutes. It even lorger and longer. Then helf an bour, then an hour. The gan wavered in midbersen and For below them, the watchers in the tower of the

mind. Though these was not a house or a habits. tun to be seen and a dense forcest covered all of see lacked recoved Whatever or rather to whatever snoch of time they were, they had arrayed

### Indian Occupy Medicon Square RTHUR caught at Estelle's arm and the two

A RTHUR caught at Estalle's arm and the two made a deals for the alevators. Fortunately one was attacking at its, the deer ones, on their foor. The elevator-bay had described his need and was looking with all the rost, at the strange landscore that arresended them No sconer had the pair reached the our, however, than the boy come harrying along the corridor. those or four other people following him also at a run. Without a word the boy rushed inside, the others crowded after him, and the oar shot down-

Theirs was the first say to reach the bottom. Then rushed out and to the western door. Here, where they had been accustomed to see Madison Sauare spread out before there, a clearing beginning of the world one was 2" asked Butallo of perhaps half an acre in extent showed strelf. Where their own instructively leaked for the dark bronne fountain, near which nosp-box grators afaretime hald come there are a test, a warmen of higher

and bark cally painted. And before the winwar ware two or three brown-skinned Indians, atterir porrified with automichment Rehind the first wiswam were others, printed like the first with doubs of brightly colored stay. incredulous amazement, their even growing wider and wider. When the group of white receip con-

slience. Then, with a wild well, the redsking broke and one not strenger to gather together their bethe main strangers who irraded their dameir. pave-in eventually, I don't know where. It's like Arthur took two or three days brooths of the

She found beyoulf trembling from some undefined cause. Arthur gioncod at her. He caw the trembling and knew she would have a fit of narrow in a "We're caing to muddle along on well as un can." mement if something dod not come up demanding to where we started from. Marke the pertie both "We'd better take a look at this village," he said in the twentieth contrary can sold a rollof norty in an off-hand voice. "We can probably find out after us. When the skycemper vanished it must how long ago it is from the weapons and so on." have left a hole of some sort, and it may be possible He grasped her arm firmly and led her in the for them to follow us down." direction of the tents. The other people, left be-"If that's so," said Estelle quickly, "why can't

THE RUNAWAY SKYSCRAPER

head, displayed their emotions in different ways, Dep or three of them-women-nat frankly down fright and relect in a peculiar combination defring amirris. Two or three of the mor swore, in abelian Meantime, the elevators incide the building wore rushing and clarging, and the half filled with a

fresh sir and found himself even then oppropring

its quality with that of the city. Estella' stared about her with unbelleving eyes. She turned and

gam the great bulk of the office building behind her.

then faced this sentil clearing with a virgin ferrest

white-faced mob, desperately anxious to find out what had haupened and why. The neonle poured out of the door and stared about blankly. There was a poculiar expression of doubt on every one of their faces. Each one was asking himself of bewere awake, and having proved that by praches, openly administered, the past opery was whether

Arthur led Estelle continualy among the tenta. Most of them were made of strips of birch-bark, cleverly overlanging each other, the seams comented with ours. All had hide flare for doors and one or two were built almost entirely of hides, sewed together with string of sixew. Arthur made only a currory examination of the

village. His principal motive in taking Katelle ward off the reaction from the excitement of the He looked into one or two of the tents and found recreiv couches of hides, with minor dementic ptenalls stattered about. He brought from one test a how and quiver of arrows. The workmanship was

Arthur's acquaintance with archeological subjects was very slight, but he observed that the arrowheads were chipped, and not rubbed smooth. They were attached to the shafts with strins of gut or

Arthur was still pursuing his investigation when a rob from Estelle made him stop and look at her. "Oh, what are we going to do?" also asked tearfully, "What are we seine to do? Where are we?" "You mean, seless are we," Arthur corrected with a srim smile. "I don't know. Way back before the discovery of America, though, You can see in overv-

thing in the village that there isn't a trace of European civilization. I suspect that we are several thoupottery makes me think so. See this bow!?" He pointed to a bowl of red city lying on the ground before one of the wigwams. "If you'll look, you'll see that it ign't really not-

we climb up it without waiting for them to come after mif" Arthur scratched his head. He leeked across the solidly on the ground. He looked up. The thy seemed seemal. "To tell the truth," be admitted, "there doesn't seem to be any hole. I said that more to cheer you

tery at all. It's a beaket that was weven of reeds

and then smeared with clay to make it fire-resisting, The people who made that didn't know about beking

clay to reske it say not. When America was dis-

covered nearly all the tribes knew something about

"But what are we going to do?" Estelle tearfully

Roteile clenched her hands tightly and took a grip "Just tell me the truth," she said exictly. "I was rather feelish, but tell me what you henestly think." "In that case," he said relectantly, "Til admit we're in a pretty bad fir. I don't know what has happened, how it harrensel, or snything about it, I'm just going to keep on going until I see a way clear to get out of this mess. There are two thousand of us recels, more or less, and amone all of us we must be able to find a way out."

Kefette had turned very pale. "Wife in no great deaper from Indiana," went 48 Arthur thoughtfully, "or from anything also -Blat's know of except one thing," "What is that?" asked Estelle quickly Aithur shook his bend and led her back toward the skyscraper, which was now throughd with the teorie from all the floors who had come down to the ground and were standing excitedly about the con-

Scourse nation each other what had becomed. Atter led Estelle to one of the corners. (Wait for me here," he ordered. "I'm going to talk to thilicrowd." He numbed his way through until he could reach the confectionery and news-stand in the main hallway. Here he clembed up on the country and "People, listen to me! I'm going to tell you.

what's happened!" In an instant there was dead silence. He found himself the center of a san of white faces, every one contorted with fear and anxiety. "To begin with," he said confidently, "there's nothing to be afraid of. We're going to get back to where we started from! I don't know how, vet, but we'll do it. Don't get frightened. New Pil tell you what's happened." He recoily sketched out for them, in words at

ward, but into the Fourth Dimension.

simple as he could make them, his theory that a flaw in the rock on which the foundations rested had developed and let the skyscraper sink, not down-

"Tm sn ensinces," he finished, "What nature We'll situs out. In the mean time, metters are persons. We neede't be afreid of not petting back. We'll do that. What we've got to fight is-stormtion?

## X 78VR get to fight starvation, and we've

by. "The falling you this now because I want you to begin right at the beginning and pitch in to belts. We have very lattle food and a let of un to eat it. Pirst, I want some volunteers to help with rationing. Next. I want every ounce of food in this place put under guard where it one be served to those who need it most. Who will help?"

The swift recession of shocks had nomirzed the faculties of most of the people there, but half a doors moved forward. Among them was a single grap, helped ween with me any of accontemed authorsty. Arthur recognized him as the president

of the bank on the ground floor. "I don't know who you are or if you're right in saving what has happened," said the gray-haired man. "Ret I see something's got to be done, andwell, for the time being I'll take your word for what

that is. Later on we'll through this matter out." Arthur voticed. He bent over and spoke in a low voice to the grey-haired man, who moved away. "Gravaon, Waltery, Torkuze, Simpson, and Forsythe come here," the gray-haired man called at

A number of men becan to press desailly toward him. Arthur recamed his harangus. "You recoils-those of you who aren't too dazed

There are nearly two thousand of us here. Thus means six thousand meals a day. We've got to have rearly ten tons of food a day, and we've got to have it at once," "Hunt," someone suggested.

"I now Indiana," name one else absoled, "Can we trade with there?" "We can kurt and we can trade with the Indians." ulies, and, besides, there're much too scattered to have a surples for us. But we've gut to have food. Now, how meny of you know anything about hunt-

ing, fishing, tempung, or any possible way of get-There were a few hands raised-oldfully few. Arthur saw Estelle's band up. "Very well," he said. "Those of yea who raused

your hands then come with me up on the second floar and we'll talk it over. The rest of you try to conquer your fright, and don't go outside for a while. We've and some things to attend to before it will be quite safe for you to venture out. And been away from the restaurant. There are arrest geards over that feed. Before we pens it out induarimmetaly, we'll see to it there's more for to-mor-

"Do you think we'll pull through all right?" ske "We're got to?" Arthur told her, setting his chin The gray-haired president of the bank was writhends with Arthur, who gave his own name, "Where thall our emergence exercil cit?" he

managed to 50 in him, and they mounted the steps

asked quietly

firmly. "We've simply get to."

asked. "The benk has a board room right over the safety vault. I dare say we can accommodate everybody there-everybody in the council, anyway."

Arthur followed into the board-room, and the "I'm rest assuming temporary leadership," Arofficials to direct our activities. Right now we need food. How many of you can shoot?"

About a quarter of the hands were raised. Eatelle's was among the number. "And how musty are fishermen?" A few more went up. "What do the rest of you do?"

There was a chorus of "pardeser," "I have a parties in my yard," "I grow peaches in New Jer-

chickens as a hobby. "We'll want you explorers in a little while. Don't on yet. But the most immortant are hunturen and fishermen. Have any of you werpous in your offices?"

A number had revelvers, but only one man hall a shetgun and shells. "I was croine on my vacation this afternoon straight from the effice," he explained, "and here "Good man?" Arthur exclaimed, "You'll so after the heavy game."

"With a shotgen?" the spertamen asked, aghast as anything, and we con't waste a shell on every bird or rabbit. Those shells of yours are nections. You other fellows will have to turn fishermen for a while. Your postals are no good for huntling," "The watchmen at the beak have riot gues-Van Decenter, "and there are one or two repeating-rifes there, I dan't know about amminition." "Good! I don't mean about the americaltion, but boot the came. We'll home for the ammoultion.

You fishermen set to work to improvise taskie out of snythaur you can get bold of. Will you do that?" A series of nods answered his question "Now for the eardeness. You people will have to reem through the woods in company with the hunters and leeste anything in the way of edibles that

grows. Do all of you know what wild plants look life? I mean wild fruits and vegetables that are good to sat." A few of them needed, but the majority looked dubious. The consensus of column reemed to be

that they would try. Arthur seemed a little dis-"I oness you've the map to tell about the restaur-

He atemped down from the counter and moved Van Deventer said quietly. "And as this is toward the stairway. It was not worth while to use the food commission, or comething of that sort, the elevator for the ride of only one floor. Estelle

and piled-up chairs.

ported some of the man from the hank that I know I could trust about the doors. But there was hardly any use in doing it. "That's why we didn't fall all the way to the floor "The restaurant stocks up in the afternoon, as below. I wonder how we're roing to get down?" most of its business is in the morning and at noon. Estelle followed him, still frightened for fear of the estaclyon, or whatever it was, came at three o'clock. There is practically nothing in the place.

that are cought with us, let alone the men. Everybody will m hunery to-nucle. There will be no beenkfast to-spurrow, nor anything to est until we either make arrangements with the Indians for some supplies or else got food for correlyes."

Arthur leaned his jaw on his hand and considered A slaw flush crept over his cheak. He was cetting his fighting bleed up.

At school, when he began to flesh slowly his echoolmstee had knewn the aymntom and ayoded

his wrath. Now he was growing angry with more elreamstances, but it would be none the less unfortunate for those circumstances "Well," he said at last deliberately, "we've get to- What's that?" There was a great creaking and greening. Sud-

dealy a sort of vibration was felt under foot. floer began to take on a slight slapt. "Great Heaven!" some one oried, "The building's quietly. territor over and we'll be harded in the raine?" The tilt of the floor became more pronounced

An everty chair slid to one end of the morn. There Arthur and Estalle in Conference

RTHUR woke to find some one tupefor at his

shoulders, trying to drag him from beneath A the heavy table, which had wedged itself across his feet and passed him fast, while a firing "Oh, come and help," Estelle's voice was calling deliberately. "Semuludy come and help! He's

caught in here?" She was pobling in a combination of panic and "Help me, pleane;" she grouped, then her write

broke despondently, but she pever ceased to tag peffectually at Chamberlain, trying to drag him out of the mass of wreckage. Arthur moved a little, dasedly, "Are you alive?" also called arreference. "Are you

elive? Harry, ok, hurry and wriggle out. busiding's falling to pieces." "Trz all right," Arthur sold wealth, "You get

out before it all comes down "I wan't leave you," she declared. "Where are you exaght? Are you hadly hurt? Hurry, please

Arthur stirred, but could not loosen his feet. He half-rolled ever, and the table moved as if it had been precariously balanced, and glod beavily to one side. With Estella still topping at him, he munamed to get to his feet up the slanting floor and Arthur continued to store about. "No danger," he said workly, "Just the floor

the building folling upon them. Some of the long rested on a tail, brown grating that protected the approach to the massive strong-box. Arthur tested them with his foot. "They seem to be pretty selid," he said tentativoly. His strength was coming back to him ower rea-

"We're on top of the safe-deposit want," he said

ment. He had been no more than sturned. He walked out on the planking to the brome grating "If you don't get disay, you might come on." he said. "We can swing down the grille here to the floor."

Estelle followed gengerly and in a moment they were easily below. The corridor was quite empty.
"When the crash came," Estella explained, but voice shaking with the reaction from her fear of a mamout ago, "every one thought the building was coming to piscon, and ran out. I'm afraid they've "Then'll be back in a little while," Arthur said

They went along the big marble corridor to the name weatern door, out of which they had first good to see the Indian village. As they emerged late the sunlight they met a few of the nomic who had already recovered from their penic and were re-A crowd of respectable size gathered in a few moments, all still rele and shakes, but coming book to the building which was their refure. - Asthur.

leaned wearly against the roll gleen. It support to vibrate unfer his touch. He turned quildly to "Feel this!" he explaimed." MARKET OF She did so. "I've been wonderging what that rumble wee," size

said. "I've been hearing it over since we landed here, but didn't understand where it came from." "I can't hear asything." "It isn't as kind as it was, but I have it." Ertelle

invisted. "It's very deep, like the lowest possible bass note of an organ. "You couldn't hear the shrill whistle when we were coming here," Arthur exclaimed suddenly, "and was can't hear the rement of a last. Of course

your earn are pitched lower than usual, and you can bear sounds that are lower than I can hear. Listen carefully. Does it round in the least like a liquid rushing through somewhere?" "Y-yes," said Estelle hesitatingly, I den't quite understand how, it gives me the impression of a tidal flow or semothing of that sect." Arthur veshed ledgers. When Estelle followed him she found him excitedly examining the murble

"It's cracked," he said excitally. "It's cracked! The vanit rose all of an inch!" Estelle looked and saw the cracks.

### "What does that grack in the floor mean?" by the arrival of this strongs recognized once its

"It means we're going to get back where we belong," Arthur cried fublicatly. "It means I'm on the track of the whole trouble. It means everything's going to be all right." He provied about the wallt exultantly, noting

in each a correboration of his theory, "I'll have to make some inspections in the cellar," be west on harelly, "but I'm nearly sure I'm on the "How seen can we hope to start back?" asked

Retelle enpurby. Aribur hollisted, then a great deal of the excitement abbed from his face, leaving it rather warried "It may be a mouth, or two mouths, or a year," he answered gravely. "I don't know. If the first thing I try will work, it won't be lang. If we have to

But"-his chin set firmly-"we're going to get Petalla lasked of blee manufathasks. Was seen expression grow a little worried, too. "But in a month," she said dubbrusly, "wu-there

is bardly any hope of our finding food for two thouneed nearly for a month is there? "We've got to," Arthur dedared, "We con't hope to get that weath foud from the Testions. It will be does before they'll dare to come back to their villare, if ther ever come. It will be weeks before we our home to have them armently at most to fact

us, and that's leaving saids the question of how we'll sends with them. Frankly, I think everybody is going to have to draw his bolt tight before we get through—if we do, Some of us will get along, pay-Estelle's own owned wide as the meaning of his

You meen-that all of un won't-"Tra going to take cure of you," Arthur said "But there are hable to be lively delege. around here when people begin to reelize they're really in a tight for for food. I'm going to get Van Devantes to help me organize a police band to en-

force martial law. We mustr't have any disorder. that's certain, and I den't trust a city-bred man He stooped and picked up a revolver from the the topoped and parket up a reverser from the he fied, in the bellef that the building was felling,

Wild Piesses Dush Against the Building

RVHUR stood at the window of his office and A stared out toward the weet. stared out toward the west. The sun was Where, from this same window Arthur had seen the our setting behind the Jarrey hills all adved with the margin roofs of factories, with their chimnow arelition columns of smake he new new the

come erre sightne wolfe hebited a mass of important foliage. And where he was accustomed to lack mean the term of bigh buildings-each actitled to the of worther errors broughts The wife Hudson flowed on planishy, all unruffed

launches. Two or three small streems wandered margareter. I've or caree and noteem wonding known as the most closely built-up territory on earth. And far, far helow hire.... Arthur had to lear of they wigwards. Those small back structures represented the contrinal metropolis of New York wire. The cooleange in the building was still work-ing. Von Deventer wanted Arthur to come down to his rejusts office. There seem at it a great many things to be settled...the avenuesments for exme

theroughfare of puffing stemmers and chunging

mandeering offices for alcoping quarters for the women, and sumberiess other details. The men who there to settle upon a course of action. Arthur planced out of the window again before going to the elevator. He new a carlously compact dark cloud moving swiftly agrees the sky to the

"Miss Woodward," he said sharply, "What is Estella come to the mindow and leaked "They are birds," she told him, "Birds flying in a group. I've often seen them in the country,

"How do you catch benda!" Arthur saled her. "I know about abcottag them, and so en, but we "I wouldn't be surprised," said Estella thoughtfalls. 'But it would be herd to eatch many "Come down-stairs," directed Arthur.

know as much as any of the mon here, and more then most, apparently. We're going to make you Estella smiled, a triffe wenty. Arthur led the way to the elevator. In the var he noticed that she "What's the matter?" he asked. "You arrest

really frightened, are you?" "No," she answered sheldly, "but-I'm rather proud about this thing. It's course towards comehow, to be buck here, thousands of miles, or years, away from all one's frauxils and everybody." "Process"-Arthur amiled encouragingly at her-She nobled, but blinked back some tears. Arthur would have tried to hearten her further, but the

elevator stormed at their fleer. They walked into the room where the reaction of each heads was to take place. No more than a dearn mon were in there talking earnestly but dispiritedly. When Arthur and Retellaarthred Van Donneter came over to sweet them "We've got to do something," he said in a low

voice. "A wave of homestckness has awapt over the whole place Look at those year. Proper one is thinking about his family and contrasting his cory "You don't seem to be worried," Arthur observed with a swile.

Vos Beventer's eyez twinkled.

"I'm a bachelor," he said chearfully, "and I live in a hotel. I've been lenging for a charge to see some real excitoment for thirty years. Business

We'll simply have to do something, with a shaky armle. "I feel mot as they do. Thus to my bourding-house to-might, but right new I feel

Arthur led the way to the flat-topped deak in the "Let's with a few of the more important maiters," he send in a businessition tone, "None of pain the tower, but so many of us are in a state of for a wife. Anybody any suggestions?"
"Housing," answered Van Deventer promptly.

"I surgest that we draft a cong of men to heal all to one floor, for the women to sleep en." "Rom, You, That's a good bles, Anyhedy a better plan!" No one spoke. They all still looked much too but they began to listen more or less half-heartedly.

middle of the room

"There's undoubtidly a supply in the lessement, but I wonder if it wouldn't be well to out the lights "That might be a good idea later," Estelle mid quietly, "but light is cheering, somehow, and every one feels to blue that I wouldn't do it to-night, To-

morrow they'll begin to get up their recolution again, and you can ask them to do things." "If we're going to starve to death," one of the other man said gloomly, "we might as well have pleaty of light to do it by." "We aren't going to starve to death," retorted Arthur sharnly, "Just before I come down I saw a great cloud of birds, greater than I had ever seen before. When we get at those birds-"

"Wasn," echood the gloomy one. "They were pipcons," Batelle explained, "They "I usually have my dinner before now," the thing to-night." The other men beaun to straighten their shoul-

seemed to bring out their latent courage. "Well, we've got to stand it for the present," one of them said almost philosophically. "What Par most anxious about is cetting back. Have we any Arthur notited emphatically

"I think so. I have a sort of idea as to the certar of our sinking into the Fourth Dimension, and when that is verified, a corrective can be looked for "How long will that take?"

"Can't say," Arthur replied frankly. "I den't know what tools, what meteriols, or what workmen we have, and what's rather races to the parat, I den't oven know what work will have to be done. The pressing problem is food," "Oh, bother the food," some one protested impatiently. "I don't care about myself. I can so hun-

a family, and so have a most many of the eithers in he tower, but your family and everybody else's family has got to wait. As an inside timet, we can hope to begin to work on the problem of getting back when we're sure there's nothing else going to happen. I tell you quite henestly that I think I know what is the direct cause of this extentrophe, And I'll tell you even more honestly that I think I'm the only man among us who can put this tower back where it started from. And I'll tell you most

"Tast's all that really matters," a charge of

boxestly of all that any attempt to meddle at this will result in a catastrophe considerably greater than the one that happened to-day." "Well, if you're sure..." some one hoven reluchantly. "I am so sure that I'm paing to keep to revocit the knowledge of what will start those forces to work egam," Arthur said quietly, "I don't want are

only knows what will happen."

### Organizing the Pood Supply

7 AN Deventer was eyeing Arthur Chamberlain "It isn't a question of your wenting pay in exchange for your services in putting us back, is it?" he saled coolly.

Arthur turned and faced him. His face began to firsh slowly. Van Deventer put up one hand.
"I beg your parion, I see," "We szen't settling the things we came here for,"

She had noted the threat of friction and hastened to not in a diversion. Arthur relaxed "I think that as a beginning," be suggested, "we'd better get alequine arrangements completed. We can get everybody together somewhere, I dare say,

"Right," Van Deventer was agricus to make amends for his blurder of a margory before I send the bank watchmen to so on each floor in ders. The previshness of one of their wimber turn and sak everybody to come down-states?" "You might start them," Arthur said. "It will take a long time for every one to assemble." Van Dewester make into the telephone on his

deak. In a morrent be hung up the receiver, Arthur was fromting to himself and seribiling

"Of course," he amounced abstractedly, "the neasting resolute is food. We've crote a nurrelyof fishermen, and a few hunters. We've got to have

think wo'd better count on the fishenmen. At surrise we'd better have some people begin to die built and wake our anglets. They'd better make their

tackle to-night, dan't you think!" "We'll assource that, then. The fahermen will go to the river under guard of the men we have

### ING STORIES unil Industries because he had promised to take his survet.

who can above. I think what Indians there are wall be much to relightment to try to make have often as the web to well better be on the safe stake. They'll keep tempther and this absent by the same yet, with our handers patrelning the weeds behind them, taking pod-abota-all gains, if they are say. The fishermon detail make more or less of a passess, I think. The lindams weren't stemally off the same of a safe stake of a safe of a sa

checkid make more or less of a purcess. I blink. The Indianas weren't extensive filters that I rown heard of, and the river ought fairly to swarm with sky. Its deard his mels-look. Its deard his mels-look. "In the hank, about a dozen med-guns and balf a dozen repeating rifles. Elsewhere I don't know. Forty or dity men said they had revolvers, though,"

"In the resul, about a dozen procedure and result and result and result in a dozen repeating rifes. Electobers I death know. Profix or fifty men said they had recohere, though? "What give receivers to the men who go with the inhument. The Indiana haven't been streem so and run in the respect, even if they dare attacks our will cannot be respect, even if they dare attacks our "We can sent out the guessrand must as hundren," when so as unresident and surface with them.

some one suggested, "and send gardeners with them to look for vegetables and such things."

"We'll have to take a sort of consus, really."

Arthus suggested, "Inding what every case can do and getting him to do it."

"I never planned snything like this before," Van Downter swaried, "and I never thought I should.

but this is not brook from than running a book."
Arbiar salida how our insetting," he sold showfully.
"But he meeting was a gloony and domaining after. Neathy over one had worthed the run set does not be which the contract of the contract of the set of the contract of the contract of the set of the contract of the contract of sight of a besser before in his or

over hem out of sight of a nesses before in this ore here. The like out at a very, substantle whiteness where hitheres they had over the most highly and depressing enough in South, but to know that they were sizes in a whole confirmed of savages and fast there was set, inteed, in all the world a single community of people they could great as lyothers was berriefly in the community of people they could great as lyothers was berriefly in the contraction of the country of the countr

was herrifying. Few of them thought so far, but there we satisally—if Arthur's estimate of several thousand years' drop back through time was correct—there was actually so other group of English-specifing people in the round. The Registh larguage was estimately of critical many and the several section of the several section of the several section of the section of

sign inhabited by a band of tatricrebranities under the beddering of an upstart Brount; by-Arret and Secf. in bedy as them provide were, and Secf. in bedy as them provide were conventionally and the second of the second of the thoulked emergencies of life, they were berrified. Hardly one of them had even gone without a most in all hit file. To have the prespect of having to sear their food, and by the manipulation of figures in a book, or by expert jugging of predicts and the second of the second of the second of the second between the second of the second of the second of the second bung for them.

In addition, every one of them was bound to the life of medera times by a humired ties. Many of them had families, a thousand years away. All had interests, cognecing interests, in modern New York. One young man fall an aggicty that was resily were, the Van Derenter und Arther, we chindle they could view the epished as an adventure, or this fishtile, who had no immediate fast because of the fishtile, who had no immediate fast because of the fishtile, who had no immediate fast because the content of the transfer of the content of

heart to the thester that wight and if he did not

estre she would be very angry. Another was to have been married in a week. Some of the recode

asse very many sech families in New Yerk.
The people, families in New Yerk.
The people families was a second produced produced produced produced produced produced produced produced to the people of the people of

williams for from their own limit, they might have flought of fulfilling they to return to their hornes. They had neen New York variab before their eyes, however. They had seen hier stylination disappear while they earlend.

They were in, a burtherous world. There was not, for example, it single safety melels on the while earth wayed those in the transver sharperspare.

## A Feed-Ries in the Building

A RTHUR and Van Deventer, in turn with the others of the cooler heads, thundared at the necessity for work. They showered promines of invitable region modern times, they pledged their hears to the belief that a way would utilisately be

I found by which they would all yet find themselves anticy back bame again.

The people, however, had seen New York dissistegrate, and Arthur's explanation sounded the conwild dream of an imaginative noveltt. Not one person in all the gathering could actually realize that his bone nightly et he waiting for him, though

owhitms of its immits. It muon of controllators to be. Every son was a t. tumon of controllators to be. Every son was all it of New York could use be actually descriped and replaced by a spherial forest in the space of a first busines, so the excitact or catastropho must have occurred to those in the towns, and, on the other hand, they had not been supported by a station of the controllators and the controllators to be replaced by a staller and district the best that the replaced for two rand as tast had briefed

beheld that replaced in turn, and at last had lended in the midt of this forcet.

Divery cas, too, bugan to field an unusual and unconfortable sensition of hunger. It was a mild disconfort tay yet, but few of them had experienced it before without an immediate prospect of assunging the crucing, and the knowledge that there was

in despondency. Arthur then began to talk straight from the shoulder and succeeded in rousing them a little, but every one was still rather too frightened In desperation the dozen or so men who had soth-

cord in Van Descetter's office sent about aroone the suffering and simply selected men at rendom. ordering them to follow and begin work. This began to awaken the crowd, but they welcomed to feur rather than resolution. They were city-lood, and unsecustored to face the unusual or the slarming. Arthur noted the new restlessness, but attributed it to erowing generalness rather than sultish negic. He was rather pleased that they were outgrowing

Van Deventer spoke encouragingly, and then asked for volunteers for immediate work,

was hardly any response. Every one seemed aunk

their anothy. When the meeting had come to an end he felt satisfied that by morning the latent resolutien among the people would have crystallized and they weald be ready to work earnestly and intelligently on whatever tasks they were directed to undertake. He returned to the ground floor of the building feeling work more keneful than before. Two thouand people all earnestly working for one end

are hard to down even when faced with such a teak as confronted the inbubitants of the runsway skyscenner. Even if they were never able to return to modern times they would still be able to form a orment of civilization in other parts of the world. His hope received a rude check when he reached the great ballway on the lower floor. There was a fruit and confectionery stand here, and as Arthur

arrived at the spot, he saw a surging mass of men about it. The keeper of the stand looked frightened, but was selling off his stock as fast as he could make change. Arthur forced his way to the counter "Here," he said sharply to the keeper of the stand "ston selling this stuff. It's get to be held matil we can gole it out where it's needed." "I-I con't belo rovself," the keeper said.

"They're takin' it anyway." "Get back there." Arthur grand to the crowd, "Do you call this decent, trying to get more than your share of this stuff? You'd get your portion tomerrow. It is roing to be divided up," "Go to bell!" some one printed, "You e'n starve if you want to, but I'm soit' to look out I'r ravself." The men were not really starving, but had been put into a nemie by the pinks speeches of Arthur and his helpers, and were selving what edibles they

could lay bands upon in preparation for the hunger they had been warned to except. Arthur pushed against the mob, trying to thrust them away from the counter, but his very effort interested their name. There was a mick saver and a great. The glass front of the show-case In a final of rage Arthur struck out victously.

The growd paid pet the elightest attention to birn, too latent on getting some of this food before it was Arthur was simply crushed back by the bedies of the forty or lifty men. In a recment be found him-

"What's the matter?" he demanded no be some Arthur nursing a Meeding hand out on the broken "Eolsbeviki!" answered Arthur with a grim smile. "We woke up some of the crowd too succomfully. They got penin-stricken and storted to was see what hardened. We'd better look to the restaurant, though I doubt if they'll try anything He followed Van Deventer up to the restourant

self slene amid the wycologe of the stand, with the

Van Devester run down the stairs.

glass of the abow-case.

foor. There were nicked men before the door, but just as Arthur and the bank persident accounted two or three white-freed man went on to the geards and Arther reached the spot in time to forestell bribery. Arthur collared one man, Van Deventer another, and in a moment the two were sent recling down the

"Some fools have got penic-atricken?" Van Deventer explained to the men before the doors in a the unsornatomed exertion. "They've amushed up the fruitstand on the ground floor and stolen the contents. It's nothing but blue funk! Only, if any of them start to gather around here, hit them first and talk it over afterward. You'll do that?" "We will!" the men sold beartile

"Shall we use our gens?" neigh another honefully, "he replied, "we haven't any excuse for that vet. But you might about at the calling, if they get extited. They're just frightmod?" He took Arthur's arm, and the two walked toward "Chamberlain," he said hantily, "tall me why I've never had as much fun as this before?" Arthor smiled a bit wearily. "The sind yeare enjoying yourself?" he said. "I'm not. I'm coing outside and walk around. I

want to see if any cracks here appeared in the earth navehere. It's dark, and I'll borrow a lantera down in the dreavon, but I munt to find out if there are may more developments in the condition of the building." Theorising On the Strange Occurrence ESPITE his preorrupation with his errand. which was to find if there were other pigue

of the continued activity of the stronger forces that had lowered the tower through the Fourth Dimension into the dim and unrecorded years of sheriginal America, Arthur could not on come the faceination of the sight that met his even. A leight moon shope overhead and allvered the white sides of the tower, while the brightly-lighted windows of the offices within alltigred like fewels not into the shiring shaft

From his position on the ground he looked into the dimmen of the forest on sil soits. Block obcentity had gathered beneath the dark masses of recould follow. The tiny birth-bank tensor of the now deserted Indian village glowed polely. Altere,

Like a fairy tower of fewels the hulldone was-Alone among a wilderness of trees and streams it lighted from within to a mass of brilliant genus, it stood serency still. Arthur, correduc his futile lenters shout its homfelt his own insignificance as never before. He wondered what the Indians must think. He knew there must be hundreds of eyes found upon the strange picht-fixed in awe-stricken terror or seperstitions reverence upon this uppartially visular to their hunt-A timy furure, dwarfed by the building where bone

the stars looked calmly down at the accusing finger

of the tower pointing upward, as if in represent at their indufference to the savagery that reigned

over the whole earth.

AMAZING STORIES

he skirted, Arthur moved slewly about the wast nile. The earth reemed not to have been affected Arthur know, however, that long concrete piles reached far down to bedrock. It was these piles that had some into the Fourth Diversion correfue the building with them.

Arthur had followed the plans with great interest queincering foot, and in the engineering periodicals, whose study was a part of Arthur's business, great space had been given to the building and the his theory of the cause for the estastronbe. The or it, too, would have distritegrated, as the other

buildings had appeared to disintegrate. Mentally, the ecesus of time to an elevator sinking past the different floors of an office building. All about the building the other sky-scrapers of New York had seemed to vanish. In an elevator, the floors one Carrying out the analogy to its logical end, Arthur reasoned that the building itself had no were couse to discaterrate, as the Indiduce St. passed seemed to disintegrate, than the elevator in the office building would have cause to rise because

Within the building, he knew, there were strange running about, throwing the people to an fro so leaves are thrown about by a current of wind. Yet. regiffly growing resolution, strongthened by an ingreating knowledge of the need to work. Men were busy even then shifting all possible esenfortable furniture to a single story for the

women in the building to occupy. The men would sleep on the four for the present. Beds of burghs could be improvised on the morrow. At suarise on streams to fish, guarded by other men. All would

resolution undernesth the fear. Other men would wander about to limit. There was hitle likelihood of Indions surrosching

strange visitors, and it should not be difficult to

to the consider. He did not know what to expect from them. From the kunters he expected but little. The Indiana serre wary broders, and come morald be shy if not scarce. The error cloud of birds he had seen at source was a hopeful sign. Arthur vaguely remembered stories of great flocks of wood-piecons which had As he considered the remembrance became more elear. They had flown in huge flocks which nearly darkened the sky. As late as the furties of the

convince them that friendliness was safest, even if

thousand people in the building, soft-bodied and

elty-head. They were unpresistened to hardship.

and could not endure what more primitive people They must be fed, but first they must be taught to feed themselves. The Saberman would help, but

The pressing problem was food. There were two

nineteenth century they had been an insportant article of food, and had glutted the rearkst at certain seasons of the year, Estelle had said the birds he had seen at surget were pigeons. Perhaps this was one of the great flocks. If it were really so, the food problem would be much icasened, provided a way could be found to secure them. The amuumition in the tower wan year littited, and a shell could not be found for every bird that was needed, nor every for every those or fagr. Great trope must be devised, or a mental note to ask Estelle if she knew anything A vegos, homming roor, altering in pitch, came to his exrs. He listened for some time before he identified it as the sound of the wind playing uron

the irregular surfaces of the tower. In the city noises, but here Arthur could been it signife He listened a moment, and became surprised at the number of night poises he could hear. In New York he had closed his ours to incidental sounds from sheer self-protection. Somewhere he board the rirals of a little suring. As the idea of a suring carrie into his raind, he remembered description of the deep-toned year she had heard. He not his hand on the cold stone of the building There was still a vibrant quivering of the rock. It was weaker than before, but you still notionable. He dress book from the rock and looked an late the sky. It seemed to blaze with stars, for more store then Arthur had over seen in the city, and more than he had dreamed existed As he looked, however, a cloud seemed to film a portion of the heavens. The stars still showed through it, but they twinkled in a popular fashion

He watched in growing perplexity. The cloud moved very swiftly. Tain as it seemed to be, it should have been silvery from the mounlight, but the sky was noticeably durker where it moved. It the upper portion. A confused motion became vashle amone sta parts. Wiscs of it whirled away from the teillently lighted tower, and then re-

turned swiftly toward it.

ing, which became louder. A faint screen counsed, then another. The trickle developed into the aread reside by benching glass, and the screening sound became that of the broken fragments as they rubbed against the sides of the tower in their fail. The acreson seems scribt. It was the frightened

cry of a woman. A out body street the earth not ten feet from where Arthur etced, then amether, and another.

Arthur and Soulle in Conference Again

Arthur and Smelle in Conference Again

ARTHUR urged the cleanare beyong greatur
speed. They were speeding up the sheft as
repoilty as possible, but it was not fast
corugh. When they at last resolved the height at
which the redifferent award to be restricted the are-

which the excitement accored to be centered, the car abupped with a jerk and Arthur deshed down the half.

Helf a dozen frightened stanographers stood there, hoddled together.

"What's the matter?" Arthur demanded. Men

were running from the other flours to see what the trouble was.

"The—the windows broke, and—end temething flew in at an!" one of them gasped. There was a

resh inside the meanest effice and the weeness screened again.

Arthur drew a revelver frem his postest and advanced to the deer. He quickly throw it open, entered, and elected it behind him. Those lett out in

the hill waited tenosity.

There was no sound. The woman keeps to look even more frightness. The uses absilied their feet uncessity, and looked uncomfortably at one another. Van Deventur appeared on the seame, pulling a little from his histo.

The door opened again and Arthur came cut. He was carrying something in his hands. He had put his recolver aside and includ somewhat feelish het very much delighted.

"The food countion is sattled" he and hundly.

"Lock!"

He held out the object be carried. It was a kird, apparently a pigrout of some text. It seemed to kny been sturned, but as Arther bild it out it stirred, then struggled, and is a memorat was fupples widtly in an attempt to essep.

"It's a weed-opproxy" with Arther. "They mark

in after durk sometimes. A hig block of them rem afoul of the tower and were dused by the lights. They've broken a let of windows, I dare say, but a great many of thus rea ison the timeswest and were oftened. I was entide the tower, and where the continued. I was entide the tower, and where I came in they were dropping to the greated by headered. I disn't knew what they were then, but if we well searchy orbitate as on I think we remove

out and guiller up our supper and breakfast and sweers other meals, all at once." Estelle had appeared and new reached out her hands for the bird.

"I'll take care of this one," she said. "Wouldn't it he a gred iden to see if there aren't seems more stomed in the other offices?" In half an hear the electric stores of the reconrant were poing at that full enquary. Mac, cheerfally conited men now, were bringing in pigeous

all acreed out to the insustant but much thereof out-to away, and in a little while scorely every prese in the place was waiting analysis about the falls with do a reassite, feeling, or friend pupers in his hards. The to cross were routing placess, the frying-pass were for frying-team, and the brediers were located about with the small but traffer brins.

The mesoportic abouting of the most presching after the control of the most presching the control of the control

As fast as the birds could be cooked they were

feet. Werry for their families still oppressed a great many, but the removal of the fear of ironstine branger led them to believe that the other problems before them would be solved, too, and in an estimatory a manner.

Arctur had returned to his office with four

Artuar now control or trapping-page. As he seemshow expected, Estalle was writing there. "Thought Fel bring lanch up," he anneunced. "Are you hungry?" "Starving! "Relie ropiiol, and hughed. The whole estasticular language is become an nei-

vecture. She hit coppying to on hird. Arthur begon as hangerly on machine. For some time neither spoke a word. At hist, between, Arthur waved the leg of his second pigeon toward his deak.

"Look what we've not here!" he said.

Estable nodded. The attented pipcox Arthur had
first picked up was their by one foot to a preperweight.
"I thought we might hose him for a souvenir,"

she ouggested:
"You seem pretty confident we'll got back, all
right," Arthur chearwel. "It was servey jeek; these
likased hirds come along. They've heartscool up
the people wonderfully!"

the people wooderfully!"

"Ob, I knew yord manage somehow?" said Estella ecofidently.

"I menage?" Arthur repeated, anilling. "What here I dene!"

"Why, you've done everything," affirmed Estella atouly. "You've told the people what to do from

atoutly. "You've told the people what to do from the very first, and you've point to get us head?" Arthur grismed, then suddenly his face grew a little more serious. "I wish I were as sere as you are," he said. "I think we'll be all right, though, sooner or later." "I'm sure of it." Bastelle designed with conviction.

"Why I?" asked Arthur egain. He bent forward in his chair and fixed his eyes on Establys. She looked by, not his gase and stammered: "You—you do things," she finished hansly, "The tampted to do something now," Arthur and, "Lock here, Miss Woofsward, you've been he my emsize the three or four receive. In all that time

The tempted to a something new," Arthur and,
"Each here, Miss Woodward, you've been he sy employ for three or four months. In all that time I've never had saything but the most importional comments from you. Why the soldien charge?"

The twinkle in his eyes robbed his words of any

"Why, I really—I really suppose I never noticed
yes before," said Estelle.

"Pleas notice me howerfer," said Arthur. "I

"Why, you-"

In han in first the centre rover of the recent runs were point at their full capacity. May, there is no the commentary and Arribus. "The best office processing the substitution of the man were defining them. There was no time to plack them, though a great state in ching cite."

#### eyer and failed. She bit desperately into her pigeon drumstick, trying to think of semething to say, "When we got back" went on Arthur meditative. ly, "I'll have nothing to do-no work or anything. I'll be broke and out of a tob." Estelle shook bur bend emphatically. Arthur paid to attention, "Estelle," he said, emiling, "would you like to be

gut of a jeb with me?"

yeu're-"

shoulders.

Estelle turned colorson

"What?" he damageded

She would not look at him, but she did not draw away. He held her from him-for a memorit. "What am I?" he demanded again. Scenehow be from himself kissing the tine of her care. Her from year buried against his shoulder,

band. I'm rather worthless and lazy!"

"What am I?" he repeated sternly, Her voice was muffled by his cost, "You're-you're dear!" she said,

There was an interlude of about a minute and a half then she resolved him waste from her "Don't!" she said breathleasly, "Piesse dee'r."

"Aren't you going to marty me?" be demanded. Still orimate, she nedded shyly. He kissed her amin "Please don't!" she protested.

She fordled the lapels of his cost, quite content to have his arms about her. "Why mays't I kiss you if you're going to marry me?" Arthur demanded. She looked up at him with an air of donure

"You-you've been eating pigeon," she told him

## A Geyser Effects A Happy Return

T was two weeks later. Estelle lecked out over the your fundlier wild landscape. It was much the same when she looked for away, but near A cleared trail led through the woods to the waterfront, and a raft of loss extended out into the river for hundreds of feet. Both sides of the raft were liped with busy fishermen-corn and women,

too. A little to the parth of the base of the building a hoge mound of earth smoked suilanly. The cool in the cellar had given out and chargoal had been The mound was where the chargost was made. It was beart-breaking week to keep the fires going with charcool, because it burned so rapidly in the powerful draft of the fernaces, but the original

fire-room gang had been recruited to several times its original number from smong the towerites, and the work was divided until it did not seem hard. seroes the clearing from the woods with a keep's animal sleng between them. One was using a gun Jornal, latent bedsiled ett no nas There were a number of Indians in the clearing,

but fair dealings, coupled with a constant readings to defend themselves, had enabled Arthur to institute a system of trading for food that had so far proved satisfactory. "Tre not very meccasful." Arthur went on saher-The whites had found spere electric-light builts 'I'm afraid I wouldn't make a very good husvaluable currency in dealing with the redmen, Pioture-wire, too, was highly prized. There was not "You sren't," broke in Estelle; "you'rea picture left hanging in any of the offices, Metal paper-knives bought base quentities of provisions Arthur reached over and took her by the frore the corer Indian traders, and the story was current in the tower that Arthur had received eight campe-loads of corn and vegetables in exchange for

watching with unde-open eyes the activities of the

whiter. Deceme of hirth-back camons dotted the

Hoisen, each with its load of fishermen, in-

dustriously working for the white people. It had

been hard to overcome the fear in the Indiana, and

AMAZING STORIES

what the savages wanted with the typewriter, but they had carted it away triumphantly, Estally smiled tenderly to harself as she remem bered how Arthur had been the leading spirit in all had been forced to engage. He would come to her in a snare ten minutes, and tell her how everything was going. He seemed curiously boylike in these memeries.

Sometimes he would come straight from the free recon-he insisted on taking-part in all the more ardious duties-hering hastily cleaned himself for her importion, anoth a hurried kiss and then go off, laughing to help thep down trees for the long fishing-raft. He had told them how to make obercost, had taken a leading part in establishing and maintaining friendly relations with the Jediana, and ing with a gang of volunteers to try to put the

building back where it beingred Estelle had said, after the collapse of the foccing in the board-room, that she beard a sound life the rushing of waters. Arthur, on examining the front where the safe-deposit want stood, found it had risen an inch. On these facts he had built up his thecey. The building, like all modern skyserwpers, rested on concrete piles extending down to bedrock.

In the center of one of these piles there was a bollow The flow had been insufficient and the well Arthur, of ecurse, as an engineer, had scudied the construction of the building with great care, and harmoned to remember that this ngethr hallow

pile was the one pearest the cafe-deposit wash. The colleges of the board-room floor had suggested that some change had happened in the building itself. and that was found when he saw that the denositwalt had actually rises an inch He at once connected the rise in the flooring

hot spring of some sort, probably a spring which

show the bellow rife with the pipe in the pile. Rotelle bud heard Hould sounds. Evidently water had been forced into the bellow artesian pipe under an unthinkable pressure when the outsetrophe oc-

From the rumbling and the suddencess of the whole estastrophs a velcante or seismie disturbance was evident. The connection of voluntic or selamic action with a flow of water surrested a revear or & had broken through its normal confines some time

before, but whose pressure had been sufficient to

When the flow sexued the building suck ranidly

prevent the sceidest until the failure of its flow.

THE RUNAWAY SKYSCRAPER

to the building from their several occupations. They

Did Estelle want to come down and watch? She

did! She stood in the main hallway as the excited

were about to soop the geyser.

the mysterious, and so far only assumed suring, it volunteer work game. The massive energie pile ment he through that pile. While the want restood in the senter of the cellar. A hig steem-boiler tained its aknormal elevation, Arthur believed that was scupled to a tiny pipe that led into the beart there was still water at an immense and incalculable of the man of contrete. Arthur was order to force pressure is the vine. He dered not attered to tan the pipe until the pressure had abated, At a signal steam began to him in the boiler. At the erd of a week be found the wantt slowly Live steam from the fire-more forced the soony

settling back into place. When its return to the sirup out of the boiler, through the small from pope, normal was complete be dared begin beeing a bole into the bollow that led to the never far underground. Six thousand pallons in all were forced As he suspected, he found water in the pileinto the opening in a space of three minutes. water whose sulfurous and mineral nature con-Arthur's grime many began to work with demorfirmed his belief that a geyser reaching deep into

the beacen of the earth, as well as far back in the inserted a long steel plug, nelafully besten from a realms of time, was at the bottom of the extrahar of solid metal. Then, girding the colonyal concrete pile, ring after ring of metal was slipped on, Gersees were still for from satisfactory thisgs to held the plus in place. The last of the enfoguards was hardly fastened to explain. There are recay of their vacaries which

we cannot understand at all. We do know a few firmly when Ratelle listened intently things which affect them, and one thing is that "I bear a rumbling!" she said quietly Arthur reached forward and put his hand on the "sosping" there will stimulate their flow in an extraordinary meaner. Arthur proposal to "seen" this wresterious gerner

"It is quivering?" be reported as quietly, think we'll be on our way in a very little walle," when the renewal of its flow should lift the runaway skyscraper back to the spoch from which the The group broke for the stairs, to watch the panersma as the runaway sky-scraper made its He made his preparations with great care. He way back through the thousands of years to the

confidently expected his plan to work, and to see times that had built it for a mercaneut to modern the skystraper care more towaring over mid-town New York as was its word, but he did not allow the Arthur and Estelle went high up in the tower. Schurmen and hunters to reise their efforts on that From the window of Arthur's office they looked account. They ishered so before, while does down careriv, and felt the slight quiver as the tower got

under way. Estelle looked up at the sun, and saw It mend its page toward the west. and his volunteers tailed mightily, They had to here through the concrete wile until Night fell. The evening sounds became highthey reached the hollow within it. Then, when the nitched and shrill then seemed to cease altogether. evidence gained from the water in the pipe had In a very little while there was light again, and

confirmed his surmises, they had to prepare their the sun was speeding scross the sky. It sank heatily, and recurred almost immediately, who the east. Its "charge" of soopy liquids by which the geyser was to be stirred to renewed agtivity. usee became a breakneek rush. Down behind the Great quantities of the soap med by the scrabaille and up in the cost. Down in the west and women in scrubbing down the floors was boiled with water putil a situar mess was evolved. Messas had The race heek toward modern time had started.

up in the East. Down and up. The flekering beganintroduced into the hollow pile, the hole then closed, looked out as the san rished more and more rankle ly across the sky until it became but a streak of loled in hydrouliz stience. Arthur believed that from light, shifting first to the right and then to the left

the hollow pile the soupy liquid would find its way as the sensors roused in their term. to the peyser proper, where it would take affect in With Arthur's arms about her shoulders, Estelle stimulating the lessaned flow to its former preparstared out across the unbelievable landswape, while tions. When that took place he believed that the

building would return to normal, modern times, as awiftly and as surely so it had left them.

The telephone rang in his office, and Estelle

answered it. Arthur was on the wire. A signal

was being bung out for all the castaways to return

the storms and calms of a thousand years award (Continued on page 285)

Presently Arthur drew her to him and kinsed bur, While he kissed her, so swiftly did the days and

# An Experiment in Gyro-Hats By Ellis Parker Butler Author of The is Flest and



tre all at once, as some great ideas come buys a hat, requires caim. And no hatter can have to inventors. In fact I may say that cales in his soul while his desofter is lows-sick and but for a most unplement circumstance rederey. I demand hamilton about and around me, and I must have it. So I told my wife, and I

AN EXPERIMENT IN GYROLHATS

considering the possibility of utilizing the waste smars in the top of slik hats in some vay or other. it had always record to me a erest economical wante to have a large wasni space inside the appar portion of top hats, or high hats, or "storegipe" hats, so they are variously called. When a shoe is on, it is full of foot, and when a glove is on, it is full of hand; but a too hat is not, and never can

WHE idea of a gyro-hat did not come to

be, full of head, until such a day as heads assume a cylindrical abone, perfectly fint on top. And no I had, therefore, spent much of my leigure in devicency methods by which the vacant space above the head in high hats might be turned to advantage, and my patents ranged all the way from a small to an extensible but rack on the accordion pige

that scald be numbed armostly into the top of the hat when the hat was wors, but could be extended into a hat and coat rack when the hat was not in use. This device should have been very prouler, but I may say that the public received the idea roldbr

My attention had been for some time drawn some from this ubilizathronic work by eartain averagement of preceivers I noticed in my daughter Anne, and my wife and I decided after careful consideration that Axon must be in love, and that

her love must be unhappy. Otherwise we could not account for the strange excitability of our usually imperturbable daughter. As a practical hat dealer my time has

devoted to hets sod, as a attention has been almost exclusively devoted to her bushand, while Anne So EMs Pasher Butler, of "Pigs Is Pigs" fame, in this

was unually so color and not take my attention all. But when such a danohter maddenly devel-

ness ony father, to maktar how devoted to the hot One of the primary necessities of a dealer in rood bate is cally. An ordinary hat dealer may not

need calm. He may buy his bats as another dealer recents to sell them; but I are not that kind of hat dealer. Hat dealing is an set with me, and great

art receives calm and sence in order that it may reach its highest development. When I buy hate I do not think of dozens and dollars. No, indeed, I think of seem and cars. To be able to buy of a manufacturer a but that will make the pag nose sad

told her so must emphatically, and I informed bea that Anna must become happy at once. Perhaps you can imegine the shock I received of Anne, informed me that Anne was indeed in love, and in low with Walsingham Gribbs. It was not because Walsingham Gribbs had never bought a hat of me that I was shocked. Bad hats are a

and beautiful when that men enters my store and

common failing of mankind, and a man will try a hundred batters before he at last comes to me. The trouble was deeper than this. The thing that staggered me was that Walsingham was a stayeurer. (This is a joke, but I hold that a batter has as good a right to make a joke so the next man.)

That my dangertor had follow in love with Walainghers Gribbs without having met him was altoenther to her emelit. She first saw him when she was creasing the count (for ahe travels where she pleases, my last business affording her 192h pleasures) and that he reeled and staggered about the best did not impress her, for it was a stoomy trin and everyone aboard resied and stangered, even the captain of the best. But when she returned to New

York and saw Wahringham Gribbs on the firm payement of Fifth Avenue, she had a harsh, cruel disillustrament. Walsinghum Gribbs regled and stag-I am glad to say that my daughter saw at once the impossibility of the describer of a bigh-done hatter mating with a permanent staggerer. As she realized thus, she became sed and nervous, thus

ourgoned to the hest hightime butting, irritating CALL STREET, S USAT sarchosical marrel, the gereaccer, is being street ing to reduce me to the recognification and both him assess higher from vollstate of a more commer-

Further investigation only made the matter seem characteristic favour, the story gave along deliberately tice that Walningham Gribbs had been stagenting since the year his father died. He had been constantly to a reeling

staggering state since his Process of the Administration of the Parket State of the Parket St such a man reform in indeed, impanible. And what made the cose were and was that all proof seemed to point to the fact that Waltingham Gribbs was ret a "bounder" non

a "rounder," two classes of men who occasionally acquire a stagger and a reel in company with hearts

In short, no one had ever seen Weisinghern Gribbs take a drick in upblic, and I was forced to carefule that he was of that hereid type that drinks alone-"Alone but with unshated real" as that great week

Sir Welter Scott, has remarked in one of his charrehig cars of a man I have never seen seem normal- ing poems.

If all those investigations of mine were conducted without the knowledge of Waltengham Gribs, you The only thing she disliked was the method of must admit I did only what was right in keeting I astronize the last to the band, for as it was quite

AMAZING STORIES

my despitier he might have considered the effects of a perfect stranger to peer that his life as heing uncessed for. My wife did what ahe could be come feet Anne, but Anne solly replied that she could never marry a man that staggered and recked day in and day out. Then day by day she became more sad, and I become on upont that I nottailly sold a nurrow-jurmond durthy hat to a man with wide.

narrow-hritmens derroy hat to a man with wide.
Of course this dead not go on. No highgande hat
business could support it, and I was standing in
my shop door bushing picouilly out when I shaneed
to see Waleshgam Gribbs steeper by I had seen
him meny times, but now, for the first time I rolled
what I hould form national before-mixed his invar-

him meny times, but now, for the first time I nolled what I should have nuticed before—that he invariable were at high bat, or "nopper," no ore ensainty were a high bat, or "nopper," no ore ensainty when I be about the should be the the the the I behave the that the shape was evella, and that the hat brilly nosded the iron, and then my mind returned to the old problems of the vancuit space in the top of top hats; but I found I could not concentrate. Whenever I tried to think of log hats I

the up of the many for I bound I could not concentrate. Whenever I tried to think of up hats I thought at Waltington Gribbs in on them, stopthought are that it would be an acculant life, should I be this so to see the upper in the top of Waltingheier is at that be would no longer stop and whether the tried to the thought of the grocespe and real, and then the thought of the grocespe hat stime to me.

hat exize to me.

I admit that at first I got the idea raide as futile, but it earns back again and again, and at length it seemed to force me into enthraisem. I dropped everything and word to work on the grys-olat.

The grysacope is, no overyone knows, a top, and I might have called the lat I invented a top int.

enough that any tail opinishtal alls or beaver but in called a top hat, so I was formed to adopt the name of growths. In a large of growth and a second or a growth of growth and a second of the present of the two gram, the speed of the resultation random to standy that the perpendicular. A large growth is used to stoney the channel extensive, which would otherwise stanger and real. A gyrescape has been adopted to the more of the present of the perpendicular and produce the stanger and real. A gyrescape has been adopted to the more offer the stanger and real. A gyrescape has been adopted to the more offer the stanger and real.

griscope gratics the moscoil our counts dagger or red. If a spore gryscope was fastened on the end of a kriffing needle and gratical at full apout, that kriffing needle sould be stood on end and it would not fail own.

Therefore, if a gryscope was placed in the top of a top last, and that top hat furthy slatenade to the mean would represent personal collection of manness would represent personal collection in such of such

men would retentin perpendicular in spite of emthing. He sould not stagger, the sould not real, like could walk in line as straight as a crank. When I had completed this gyrachair I showed it to my wide, and beisly explained what it was not what I meant to do with it. The small but worker fully powerful inster and the greecope freelf were all eccessful minde the hit, and I capitalised to my all eccessful minde the hit, and I capitalised to my hat frenily on his had and he would never slagger earth. At first my wife seamed depletful by set I

I jitis firmly moder my chin. My wafe said the maintaint it would nearm some time to presume the beautiful the maintaint is would near the maintaint in a milk had with ser the would not sign that he was a stagency. We would not sign that he was a stagency which we would not seen to be a sign that he was a stagency which we would not seen to be a sign of the maintaint in the maintaint is seen to be a sign of the maintaint in the maintaint is seen to be a sign of the maintaint in the maintaint is seen to be a seen to be a sign of the maintaint is seen to be a seen to be a

necessary that the hat he wary firmly fixed to the

bend, I had sewed ear tabs to the hat, and these

has, "I have left Left the last make its over weatmen. If the hat is liked with six-light disminutions, and has a rubber ownestered, and an expedient which has a rubber ownestered, and an expedient which has a rubber ownestered, and an expedient of the last the la

and use a manufast were in my part steep, but all but all beams I allow mysalf some in horse its min to contion. I allow mysalf some to put fort the gran-bat on a
part of the mysalf some to put fort the gran-bat on a
part of the mysalf some and it is not fort disper
I was all the mysalf it was a concess. By the mean
of was a screen knowfor as the eye could policy

I was all the substitute of the mean
of the man and the second of the mean
of the man are substituted to the mean
of the man are substituted to the man and the man
of the man are substituted to the man and the man
of the man are substituted for white and the man
of the man are substituted for white and the man
of the man are substituted for the man are substituted to the man
of the man are substituted to the man are substituted t

my wife, that Wakingham—we had spices of this content that was unaffound that as Willinghum—abuild be the man to try if out. But my wife —abuild be the man to try if out. But my wife to better peated in section matter that, and also that the section may be abused to be abused to in the teleproper to the section of the try of and in all ether places, it would be insulfant to august such a bling to him, and might cuin Amer's changes. I then carried my wife that if ill not homes. I then carried my wife that if ill not pariment with the early grow-left i possessed, and possibly werked arting in the Milk with the much at

possibly wreck and ruin it. We had see much at takes for the S. a, after considerable discussion, my write and I desided upon what was, after all, the only relicional course—I should try out the gyrehat myself.

I should be the state of the state of a detainer, a drink for the I can not much of a detainer, the state of the state of the state of the total of the state of the I had not be total or. I consider that the highest good of a had these demands it. As a matter of fact I had noter

to keep a staggerer and reeler steady on his keel,

fully powerful motor and the grocopy their ways and exceeded into the but, and I explained to me written the superful motor that the time that dewife that Washinghum Gribbs need but fasten the wind when the last business descended this sectbut frusty on his hard and he would never adapture for on my part. Welderslot, If a serve-both in mosait greety and reviling—a thereupley intentated mea.

We find see, of course, similed dates these villed stages. It may be also apply that any review were sure intentionate would be soil. We proceeded the viculational bodiety of the first bear or and of the viculational bodiety of the first bear of the viculational bodiety of the first bear of the viculational bodies and the viculation of the first the viculation of the vicula

AN EXPERIMENT IN GVRO.HATS

mrr wife's hand, and did on that as she would not

restaurant, and stood helding it open while my wife

the only last of the gyro-hat must be on the head

of a man who without the hat could not help stur-

Do starter, and beskeard the vallest to va.

"My good fifting," insid, when he had approached
with his result and order cord in head, "I define
with his result and order cord in head, "I define
to become introducted the westles, and I versame
you have something about introducting injuries."

And I will result and the property of a year,
"Whit has, Harry," soid my wife, "that we also

"You have heard the walter, prilled so well be provided as only the studied by the only for the studied by the sound of the studied by the st

the control of the water, when the control of the c

to drike a great quantity to obtain the result; in the continue, and the continue of the conti

The control forces and relative with the control force of the control fo

"I be your perfon, sir", he said, "but have you
see trists the tending of which I space."

"I have root," I said.
"Then, sir", seed the weiter apologetically, "unthese you are a very heavy definiter I would not advise
say on are a very heavy definiter I would not advise
a quest of the bready, A marie of the bready, sir.

"I have some rested introduction or on who tagget out,
and a very have a relative that a research was a relative to the research of the relative to the research was a relative to the research of the relative to the relative to

would, if I may so aprell, buy you out fits. You would not red and tanger, air. I see sould be parabyed stiff, air, dead to the world."

"Any you not Wilstingham Gubbs I fly you are I am byed attiff, air, dead to the world."

"Any you not Wilstingham Gubbs I fly you are I am "Any you not Wilstingham Gubbs I fly you are I am delighted to most you, even in this uncervention."

I thanked the weighter yoursely.

"You observe," I said, "that I am not need to you." "I said the serve will independ the interest you." "So it is core of thing, and I appreciate the interest you. "So then said him of the gove-hat I had breated, the your area whate, I am inclinate to fewer the matter was and originated just vity I had earn to this piece and the just you will be account to what mounts, the you, will have the serve in their mounts, the you, will have the serve in the server server the the server server to the server server.

thely in your latch. I may sed have when I have held assemity the right quantity, kin you, with your larger experience, will know, six, larger experience, will know, six, "Tex, six, And I shife the bedy will know, six," hand.

"Yes, sir. And I think the body will know, sir." head.

The result was lodeed marvelone. Instantly the Interest that the water for the water for the state of the water for the state of th

had not belief its effectiveness. Long before the
olds, straightoned up. The rabber sweet board gripwelter was satisfied that it would stagger and red,
ped my head tightly with a slight pulling sensation,
my long lest wester (promous reteards and I careful withink maintaine I areas from my other and other
gardy some songs that had been favorities of my
creec. My brain was still confuncion to my, and
youth. Many of those were sufficiented songs, and as straight an a other indicate to the does of the

when I sang them I had a great lenging to hold

#### 270 AMAZING STORIES into bell and pulled the abset over me, and that same passed out with the ever staggering Walsingham. The gyroscope was revolving at the rate of three metant I full into a heavy slamber, but the moment thousand revolutions a misute, and the slight humming was hardly noticeable. I did not stagger and

I did not red. When I reached Gramerov Park I of the curb, but I now desired to climb aton of the fron fence that surrounds the park, and walk or the points of the pickets. My wife and Walsingham tried to dissuede me, but I elimbed to the top of the fence. I not only walked on the points of the nickets could, but I was able to place the end of one toe on the point of one nicket, and thus balanced, wave the other leg in the air. My wife and Walsingham Gribbs coaxed me to come down to the level of the walk, but us I saw

to mason to do so. I flatly refused, and at last Walkingham reached up and took me by the hand and bulled me Ordinarily a man that had imhibed a quantity of brandy would have follow to the street if polled by one hand while atxading on the top of a row of nickets, but I did not. When Walsingham pulled at right angles to the picket fence, with my foot

hand I slowly award upright again, without any effort whatever on my part. I got down off that fence when I was ready, and not before. There could be no doubt whatever that I was all the way home I gave yent to tremendous burnts thought he was seeing me safely home I unlived as straight and true as a general, and he stargered and resied except when he clung closely to my arm.

Many persons storped and looked at us, and I connet wonder at it. For Walsingham is a worne man of most dignified countenance, and it must sober men reeling drunkenly, while a dignified and only. It was as if the two of us had been able to afford but one sures, and had divided it in that way,

he taking the starme and I taking the holsterous-My wife was much touched by the kind attentions of Walsingham, and when we reached home she invited him in, and while I found a little hermless amagement in walking up the stairbanistees and sliding down them standing on my feet, which I was enabled to do because of the structure effect of the gyro-hat, she took Walsingham into the parior and introduced him to Anne formally, My poor danghter was quite overcome with emharresoment and pleasure, but when Walsinshow was sitting he showed no evidence of his storoer

and rotl whatever, and they managed to become oalte well normalated while my wife was assisting Unfortunately I had neglected to arrange any method for letting the vargum out of the gyro-hat. the suction held it fast to my bend and it refused to come off unless my scaln come with it. My wife decided that I must sleep in the last, since I was in no condition of mind to do anything about it myself. I was dying for sleep, and my wife tumbled me

to my feet, frrecistibly drawn to the perpendicular was full of elec. I had been wolking on the oden until I was standing spright. I can only liken the manner in which I arose to the way a men might raise a stiff arm slowly until it pointed straight My wife immediately pushed me down onto the nillow again, but it was unavailing. Again the wife was forced to let me continue my night's treit In that position

my wife released her greep on me I beyon arising

The next morning I did not feel very well, but I never naw my wife in better spirits. She told me she was sure Welsingham had taken a great funty to Auna, for he had saked permission to call needs that exercise, and my wife said that in her entries it would be well to take up the matter of the marringe with Walsingham at once, before it went are further. If he meant business he would be glad to weer the hat and he rid of his stagger and reel; and if he meant nothing it would be a good thing to know it, and the sooner we were rid of him the better. I agreed with her fully, but I apend the day perfecting the varuum cutlet on the hat. I must admit that Walsingbern seemed somewhat

surneised when I made the surgestion to him that evening. For a few minutes he did not seem to know what to say. Perhaps it was a little overcomfag to have the parents of Arms suggest the idea of a marriage in this offeand morner and at the same time promose the wearing of a gyro-hat; but Welsingken was a partieran, and when he placed up after his first surgerise, and easy Anne greing at him appealingly, with her hards chaped, I reall see that low had wer. But instead of acculanting immediately. Walsingham Gribbs took one of Anne's hands in his, and after patting it, spoke directly "Sir," he said, "I exmed but appreciate the delieate manner in which you have handled this matter.

but if I am only too glad to find that there is a but that will segreet my unfortunate stangering and reeling, and if I am to accept your effor of that but I feel it due to myself to assure you that liquer has nothing whatever to do with my staggerine and recling. I am the victim of an unfortunate ex-"My father was a man of many ideas, and always trying to make the world better. He had a neighbor that had a mule. It was a mouse-colored mule and very stubborn, and it need to write my father's boart to see the neighbor belabor that mule with

a heavy whip, trying to make the mule proped in a direction to which it did not wish to go. The mule was quite willing to go toward the barn, where the food was kept; but it often refused to corte the opposite direction, although it would go well cooped if it once started. "My father, therefore, conocived the idea of what

on the platform and start the mule in the direction

he called the Gribts Mule Reverser. This was a circular pintform large enough to hold a wole and his loaded wagon, and beneath the platform was a motor expedie of revolving the platform. All that was necessary was to place the mule and the wagen would preceed, unwittingly in that direction." "Except that it would not work in the least," sold to die a sit five feet square beneath the revolving platform to contain the motor, and this was not aland motor would hardly ever happen to be where the mule belied and it would have been a great deal

"A very excellent idea," I said,

conier to load the mule on a wagon than to load the platform and motor on three wagons. And in the neither would it start towards the platform of the "So, after my father had tried the platform in our

back yard, with a mule on it, and the revolutions had thrown the mule up against the side of the bern, breeking both the mule and the harn, he decided that other things were better to invent and abspicoed the platform. I and the hide of the reighborhood found this a good place to play, and one day I was standing exactly in the center of the pletform when one of the boys byperned to start the motor. I had sense enough to remain exactly in the center of the platform, or I would

have been thrown off, and possibly killed, for the platform was revolving at the rate of cight-thousand revolutions a minute. The motor had power to revolve the platform slowly when baded with a mule and leaded wasern, so it was especie of immense "When my extinanions asy what they had done," continued Walsinghon, "they all ran away, and for four hours I remained in the center of that pletform, being revelved at an enormous speed, and when my father came home and stopped the plet-

form I stammored and recod and felt in a been at his fast. That is how I secured my unfortunate starger and unpleasant reel, and I have only told "But why," asked my wife, who had been greatly interested by Walsingham's story, "do you not rewhen in the executio direction, and harmind wantself as we used to say?"

"Medame," and Walsingham, "I have, Every night, for one bour before I go to bed I resulve, but it requires an intenesse number of revolutions to overcome such a spin as I had in my youth." He waited a moment and then said: "But I am now

ready to try the gyro-hot." I looked out of the window, and hesitated. A I hated to have a good, elfk, gyro-but go out into such weather; but as a leading batter I felt that it would nover do for me to seem small and picayunich in regard to hate. I remembered that a realls ered nife had would not be versed by a few from of water; and I saw that if enviling could convince

happiness, it would be a trial on such slippery walks So I brought down the hat and pressed it on Walnincham's head. Instantly the vacuum creeter hearosa to his fact and walked across the perfor fit a perfectly atomy manner, and out into the ball. I best lifern his fall to the action of a limber read when the wind strikes it. He inclined slowly, with his feet still on the ten eten, and continued to inclina until his head touched the well heles with considerable violence; then his fact sliened down the edges of the steps until they rested on the walk I never saw a more greecful fall, and I was about to congratulate Walsingham, when he began to incline toward the perpendicular again, in the same slow manner. But this was not the reason I held my words. The reason was that the evroubit and Walstroham were behaving in a most unaccountable menner. Walsingham was recolving. gyrascope on the givot so that the gyrascope could not revolve without revolving the whole het, and

class batter, but when he reached the too step his

foot atruck the ice and he slimed. He did not stanger year real. If he fell he fell steadily. I can

as the hat was firmly suctioned to Walningham, the ham. For an instant Waltingham revolved away from us down the welk, and Anne yave a great revi but almost at that mornint Walelasham regulated the spright and began to revolve rapidly. The iss walk offered no purchase for his fact, and this was indeed lacky; for if it had, his bead would have continued to revolve none the less, and the effect would baye been fatal. I estimated that Walsingham was resolving at a vate of neckens officen bundeed rembelians a minute, and it was some minutes before my wife

was able to far to recover from the shock of seeing her promeetive sop-in-law whirl thus so to sak me to also him. My first immalse was to do so him we leng training as a batter had made me a careful thoughtful man, and I cently neeted my wife back "My dear," I seld, "let un pause and consider this case. Here we have Walsingham revolving ranidly He is revolving in one of the only two directions in which be can revolve-the direction in which be revolved on the Mule Reverser, or the appealts direction. If it is the exposute direction all is well,

for he will be unwound in a few hours, if his neck is not wrong in the meantime. If it is in the semedirection it is no use to sten him new, for hy this time he will be in such a condition of realing and staggering that we would not have him as a conin-law on any terms. I propose, therefore, to let him sain here for a few hours, when he will have had a full recovery or be permenently too dirry for

exy use." My wife, and Anne too, one the wisdom of this course, and as it was very miserable weather outside we all withdrew to my parlor, from the window of which we could watch Walstorbon revolve. On-

castonally, when he seemed about to revolve off the walk, I west out and pushed birn on again, I figured that he six siched in the morning ha would be sufficiently revolved-provided he was rewilting in the right direction-and at reidwicht I

sent my wife and Arme to bed. I fear Arme sleet but little that night, for she wont have had a leave's natural saxiety as to how all was to turn out. (Centitued on many 287)

## The MALIGNANT ENTITY By Otis Adelbert Kline



" seled the dector resolvedly, abilities the fleeds. "Four it on the modern?" The thing upon over the edge of the bests. We dropped the neutry-targeted bettle late the talk . . . the greater part of their lives to this faccinating subject have beloved in vain." "No doubt Chief McGraw's communication is of a The doctor stroked his iron-gray Van Dyke mediconfidential nature-" I began, with the purpose of "With a few-a very few exceptions, I'm afraid "Nothing secret about it so far as Dr. Dorn and they have," he synlied, "at least so far as their own his friends are concerned," interrupted the chief deductions from observed phenomena are con-"It may be that if you are a naychologist you can cerpad." offer some solution of the wavelery. Of course, I "Take Sir Oliver Lodge, for example--" I began, don't exactly know whether it's a case for a nex-"The conclusions of Sir Oliver will serve as an chelogist or not. Defrared carrious thing, and phastexcellent exemple for my amlagy," raid the doctor. "No doubt you are familiar with the results of his "Stay and lister if you are interested," said the years of painstaking psychical research as exposed-"If it has any amattering of psychology or the "I believe be has become a recover to entrition." occult, you know my falling," I responded.
"Can't say as to that," said the chief. "It's succe I replied. With all den respect to Sir Oliver," said the enough though-and harrible. You contiemen ductor, "I should say that he has rather singled out such facts as sulted his purpose and assembled them "You mean Albert Townsend, the chemist and inventor?" soled the dector. "Assuredly. Who may seem paradoxical to add that I believe he has hasn't heard of him and his queer theories about always been thoroughly conscientlous in his invescreating life from inert matter? What his he done tigation and smoore in his deductions. I'm afraid I do not outte follow you. "I den't know whether it's sepathing he did or

"Murdered?

TRUL yea, Prans," said Dr. Born,

hanging his fist on the arm of his chair for emphasis, "the actionse of paychology

ment today as were the material

is in much the same sings of develor-

"But surely," I objected, "the two centuries of in-

vestigation just past have yielded some fruit. It

estinot be that the eminent men who have devoted

ciate the locu anguish that followed his bergavecommunicate with Baymend. Most men are crea-QCIENTISTS and inventors have made commons atrice far-ded is many every, operati-instancely, tures of their desires. Ther believe what they want to believe, Under the So many "instagrible" things have been done, not y le it difficult for a clover payany possible that the ocution into the scaling of the lechic to read the mind of and Belly' is the story of such a menture-corried to a dreadful success. This is a critising sile, sucresionals the things he wanted to

his intense longing to

"There are times in the life of every man," con-

tinued the doctor, "when emotion dethrones reason,

be blinded to truth by the overpowering inflaence of

his own desires. Sir Oliver leet a beloved non. Only

"But what of the mator investigators who have not been similarly infoenord?" I inquired. "Surely they must have foundsome basis-"

I was interrupted by the entrance of the dictor's housekeener who armospeed-"Boggin' your parten, elr, a gentlemen to see "Show him in," Dr. Dorp said rather petulantly. dividual who strode through the deceway. "How are you, Doc," reared the big man as they shook bands cordisily. "Hoven't bothered you for a

atory was on the second "The whitened skeleten of Prefessor Townsend. fully clothed in garments that hung like rage on a scarecrew, lay on the floor of the laboratory.

"You made sure, of course, that it really was the "Beyond the least chadow of doubt. In the first place it was clothed in the professor's garments. His watch with his name in the back was ticking in the west peckel. His monogrammed ring, a present from his daughter, circled a bony finger. On the benes of his right forearm were the marks of a fracture that had healed and the skull was slightly indexted above the right temple. These marks re-

Army firsts, heavy 12. Got a case for any year that will

me present an old friend of mine, Mr. Eways, who

writes a story every now and then when the sairlt moves him. Mr. Evens, Chief McGraw of the de-

tective bureau. We were just discussing our motest

hobby, psychic phanemenn, when you came in," he

custinued after we had acknowledged the intro-

something that was done to him, but anyway he's

"That's the point I want you to help me clear up.

Sobbod out something

about her father being

gone and a human akula-

ton lying on the floor of

there with ree. We forced

the frightened girl weep

erly neighbor, who in-

formed us that the labor-

I don't know. His desighter 'should the office this

make you not on your thinking can all right." "Sounds interesting," replied the doctor.

## Z/4 AMAZING STORIES suited from an automobile accident in which the they had bleezhed in the conlicts for the last ten

source from all automotics isocolom in women specprofessor was highred too pears ago. To racks assurance doubt suce, we called in his dentist who readily identified his own work on the tests."

"Whose was the professor last seen silver!"

"That is the feature that misses the afful so uncassy. He was allow, and apparently neemed mentally and physically, at dimore had oversing."

mentally and physically, at dimor hast overning,"
"Most among?" contained Dr. Dorp. "Surpass we go out—"
"Out what I was geing to suggest," replied the chief. "My car is writing outside. Would you care to accompany up, Mr. Kwass?"
"He would perish from ourtoxity if he couldn't

"He weal perish from ourtestry if he couldn't see the thing timough now," said the decise when I has itsted. "Gone along with us, old man. If two minds are batter than one, then surely three minds

minds are latter than one, then surely three minds are superior to two."

We plied into the child's recent readster and

Two Mysterious Dearts

PRESENTLY the car stopped before a twostory brick house. Its upper windows, with sheds helf draws, appeared to stare down at us with a lock of my curedum as if endeavoying to creases come fourful seven.

concess some fearful secret.

A short churky individual, smooth-faced and with
a doubledly fixed complexion, met us at the floor.

Chief McGraw introduced him as Hirsch, the fingorment assure.

"All sizes, Hirsch?" asked the chief, lecking about as we entered the repositus living room. "Might as well be," replied Hirsch. "Miles Townsond is in by recen with a neighber. The seed-and housemend are out in the kildebre, sourced green."

"Overcoar been here?"
"No. He called ue up about twenty minutes ago
and said he had an imposet to attend to on the nonth
ide. Tald we be didn't knew how soon he could
get here, but it would be several hours, at least."
"How shout the nriches."

"All the fineer points in the laboratory even to have been made by the same person, evidently the professor."
"Hum. Better 'phone handquarters right away

"Hum. Better 'phone hadquarters right away and have there send Because out. He might come in handy to grand the death room in case the coroner is late."
"All right sir. I'll call up right away."

"Man right att. Fin call up right away."
"Now gentlemen," call the chief, turning to the
dector and me, "let us po upstairs."
We followed him up the thickly carpetal stairway
and sleng a bread corridor at the end of which be
opened a done.
I started involuntarily at sight of the grinning,

I started invaluatorily at aight of the grinning, ghastly thing that lay on the store. Not so Dr. Dorp. He leads beside it and examined it minutely, his keen gray eyes skeet for every detail. He even teached his singare to the while forchead and prodded the shadowy depths of the surpty sys modets. At liveth he rose and masked his hards at the

At length he rose and washed in hands at the perceital sixuatory.

"It sources incredible," he said, "that this man could have been alive yesterchey."

"Just what I was thinking," responded the cited.
"These here amai not have been drive or white if

The dester now termed his attention to the contention of the historites. He avanished the collection of refered, test takes, lexalars, i.e., driven and of property of the content of the content of the contention of a galant the wall not reaching held the length of the roots. The valls were abstract clear to the ceiling, and every shelf was convented to it as the ceiling and every shelf was convented to it as the ceiling and every shelf was convented to the ceiling and property of the ceiling and ceili

occari attention.

In the center of the immediate whate tile from stood an open glass-lined vat. From its height and diameter I estimated the expectly at about sixty guillons. This wat was race than a third full of a coloriem, visious liquid that gave off a queer, many

guillens. This wet was more than a third full of a recorders, visitous liquid that gave off a queer, reusing oder. "What de you suppose that stuff is?" I asked Dr. Drops

"Losks like a heavy alterminess or geletineus pobution," he said. "Pessilby it is some special corpound the perchasor areproyed is his superisents. Mediums of this network are often used in the cultivation of redonless of heaters and it is possilbe that he intended to use it as a currier and from the

organisms it was his ambition to create synthetfoolity."
"Any likes what creased the death of the professor?" asked the chief.
"I have a theory," replied Dr. Dorg, "but it assess to illoguest, so which impossible, so—er, contrary

to the baselings of science that I prefer to keep it to myself for the present, at least."

A heavy tread situated it the bilinary and a noment later a line-uniformed other states 6.

"Hollo, Rocsey," greated Chief Mofrew, "I went you to see that no one disturbs this room or

its contents until the cereour arrives. We are going downstairs now. Keep a weather eye on things and I'll send a min to relive you note. If either of thisse gualitanes wents be come in at may slice you may admit him.

"Yes, sir. I'll remember them."

We trooped from stairs. Two women were seated in the living room. Ghief McGraw presented us

to the yollager, we prove the the was a sleener girl about twenty years of age with yele, regular features and a wealth of geld-brown bath. Her large, expressive was were red with recent weepeng and her lips queered slightly as the bowed to us in turn and introduced no to be about widdle-work.

as the single of the state of the state of the same series and the same series of the sam

quarters for a couple of hours," said the chief,
"Would you prefer to come with us or stay here and
took around?"
"I think we had better look around a bit if you
draw mind," ruplied the doctor.

"All right. Per gaing to send a man to relieve Becong at the. Will be along rupself a little later. If you discover anything new cell no up."
When the two men were gone the dector bowed before Miles Townsend.
"May I have a few words with your in propage?"

he asked.

They entered the study, which was directly off the lightr more, and cloud the door. They must have been some about a half horry but it account like two hours to me as, fidgeting inwardly, I lustened to Mrs. Horms! family history, her secount of the tions of aix operations she had undergone, each time, to use ther own expression, "standing at the cutrance of death's deer." She assured me, also, that she know what it was to have death in the home. The Grim Reaper had visited har family a seem of times she opened and cole three weeks

study if you wish

She possible on with scarce a pause until the deer of the study encod. I was glad when the went unstairs with Miss Townsend and left Dr. Dorp and me together.

"Come into the study." he said. "I have learned nouse interesting thungs, and it is possible that more Professor Tourneed's study was polithan brown nor pretentions. It was obviously the retreat of a profound student so attested by the book-lined walls, muty of the volumes of which were worse with weath handling. The furniture consisted of a which stood a booded marking, a filing cahinet, two

office choice and there comfortable constaffed chairs, and bookle the wundow, the other two placed A thick alls of typewritten manuscripts law on the military dealy. The destar divided them, hereline me half and nottling himself comfortably in one of the overstuffed chairs with the other half. "Miss Townsond kindly brought these out of

possible that they may shod some light on the mystorious cause of the death of their author. We our save time dividing the week." "I balliren I can confuct a mure letallicent saurch if you will give me some size of what I am to look "Onlin an," he arress. "I had formation for the

Pithe deriched asked assets a war are, and since that time has been acting as her father's secretary, typing his manuscripts and attaciling to work of "He had been weeking dur and right in his effort. to prove his theory that a living organize can be created from increanic matter. During their marribs of alone association also found him extremals

It appeared that his very nature had changed over wight and she oscimol that he had made same buneeds at discourse. The nonembers the creek date caring to the fast that Mrs. Harmy reserve was covery. This yearon, who was living under an as Immune Berny, and is alleged to have ourmitted

numerous orimes, among which were several re-

"After that night the professor's fabiliant attitude kept up until death. He paid no attention to his correspondence or manuscripts and spant the ably experimenting with numerous live animals which he had delivered such day. His first excerimeans, and stated, were with mice, reta and guines nies. He next used cuts, relibits and small does, he had two hure mostiffs, because to the house and took there been the laboratory. None of the enterels onits naturally account that they had been the subjects of vivisection. My theory, is that he-" The doctor was interrunted by a lord van at the

study door. He rose and spened it, revealing a stordy uniformed policeman. A frightened houseround neared around his know bulk. The week acomed greatly perturbed. His voice shock as he "Where's Rosney?" "He's on count in the leberatory," realied the

"I'm Officer Burke. The maid, here, showed me to the inhorstory, but Boomsy sho't there. It's a borrible alone. Dan't blame how for leavin'." 2Y05. That skeleton on the floor un't emotly protty." "That eleleten? You may then sheletens

There was two of them, and one was dressed in a With an agricultion of appearing and harron the and rushed for the stairway. I followed breath-

### A Stream Discr.

WHAT we saw in that awful room of death confirmed our wildest fears. A skeleton, with the bone, whitened like those of the professor, lay on the floor fating the decreay. One bony arm was stretched across the threshold as if its owner had been attempting to drag himself from the recen when struck down. A hose uniform moment that you were not familiar with the detoils of my interview with Miss Townsend. Let me retirud on Browner's foot nome tirus bafore. The doctor aguinted at the star on the breast of

the recumbent figure. Then he turned to Officer Rosto who had come up behind us. "What was Roomey's number I" he reduch. "They this is Roomer's maferm and it probably is his abeleton. Call up the chief and tell him what hannesed. This is horrible—diabelical!"

"Your theory " I said "door this shad one Hold on it?" "You the contrary " he vertied "It resides the case many building their some It was to be the that such thomas can resily harrier. I tall you Prove

there is some mysterious force at work herescoothing new and unheard of in the armals of Professor Townsend chanced upon some force hitherto unknown to scientists and played with it

#### AMAZING STORIES

like a little child with dree until it underty destroyed than. The death of Other Recoye is ample prepared to the terrible force, whethere it may be, serviced him.

"Now it as conjecture regarding the nature of the third in the tables the lives of two human."

"It's three forth has kales the lives of two human."

"It's three forth has kales the lives of two human."

"It's three forth and the lives of the human."

this through this below the lives of two bursons belows. We know that the professor's cited smitting was to create life from mert matter. All of his chief the way to be a support of the smith of the same that the chieft in view. All his pointed words above pictuly his first belief that the thing could be accomplished, some of those points of the result has ceremificated once of those points of the presence by which he believed pretoptens, the principle of the presence in the principle of the presence of t

sense on community and a set of parties and not spectre back life substance, rapid by analyzed. As proteipharn is a comparent of almost unfilmful empolectly in its playests and chemical constitution, our most skilled chemists have been unable to warawel its secrets. In fact, the further of chemist syst in his attempts or analysis the more battling and comport to finds it box. Holing a responsal composed of the state of the community of the comstance of the community of the comorder of the community of the comton of the community of the community of the comton of the community of the community of the comton of the community of the community of the comton of the community of the community of the comton of the community of the community of the community of the community of the comton of the community of the community of the community of the comton of the community of the com

the starry universe.
"The protector's first-step, therefore, in this sceningly impossible undertaking, would be to navley produption. Assuring that he succeeded in reducing it to its basic stansacts his next problem would be to their studied recentate and, through a process even more complex thampte previous can examine and re-assurable them until they were seconds and re-assurable them until they were

espains of tunishing life.
Their surgoes both he did these things. Let us assume that he has ensecoded in creating principus. When tearl I've wide age that he has below some primitive form of this for a patient, a mine-strang of a shade of the stranger of their stranger of a shade out of proposition. There will call us difference between the reservoir and the synthetically created cell. Createdly and synthetically created cell. The stranger of their stranger

matter. Taken tory he and prelabilly is another hill of life which is simply mid without statice, has use of the material word hoses it ask. To as, made without states or statice without shall are semiding that makes it is thing individual, that is shall you will. The preference will of summerical probabilism his sort. One yet compile we dispersion has sort. One yet compile we have probabilism his sort. One yet compile we have probabilism his sort. One yet compile we have a support of the sort of the sort of the sort of large, create an individual small or yet, an escential of life that, now material with his cell of probabilism.

"Bo it seems," he replied, "yet it is only on such an hypothesis that I can account for the mysterious deaths of the professor and Officer Roomey." "But I don't see how a moreous or a creature remotity resembling one could still and completely dearner area in least the two house." I oblicated.

"Nor I," agreed the doctor. "In fact I can of the epinion that, if the prefessor did succeed in creating life, the results was unlike any creature large or small, now inhabiting the earth—a hideous musater, perhaps, with undersmed of powers and possibilities—on alies organism strang littless of

more fortunate sealered rectains can care and the more fortunate sealered rectains crucial it.

If the prefessor all seased in creating or discovering and a catalary. It said, "It is evidently in the foreign of a catalary in the foreign of ranking their formation in the foreign of ranking itself lowliths a thorough search about reveni its whereastering for whereastering its was the measured two men it must be a recenter of no seasons.

"That Is true," regulat the dectar, "however, we have another hypothesis that it seguilty workly at our senselection of we make the pressure that the second to the second that the seco

visible without the aid of a command microscope

There is apple room for a swarm of such creatures

air above our bands without recording its precount. The works of the desire afforcis for extensive, burdunctively I tooked queenly, belf expecting the recording of the precision of the precisio

when is it, promes" he seased.

"The Bugdle is this task," I replied. "It has
changed color. Searching has turned it pink,"

"The effect of the artifatel light, no doubt," he
mails, coming up heated area. Then I saw the expression of death on als food change to core of emprase
and wander.

"You are right," be evolutioned. "It has not only

"You are right," be evolutioned.

charged order but a still more remarkable transformation has taken place. When we noticed it this afternoon, the bank was a third full of the coloriess liquid. This pink fluid renokes half very to the top?"

## A Drawer Filled With Bones

THE tread of many feet counded in the brill.

Chief Megraw passed in the decoracy, sturling down at the blue-clod skeletor on the
floor, a look of borror on his from Behind him were
four policemen in uniform.

"In-lie that the declarate of page and Borror."

Modern arised. The too shooths a thing to helium. "I'm afraid it is," replied Dr. Dorp. The chief knelt and examined the ster on the bagging blue cost. "It's hallish, nasitively hellish," he said, vising, "Do you know what killed him?"

"We are working on a theory-" began the doctor, but was interrupted by the chief. "Theories be damed!" by snapped. "Work on your theories if you want to. This thing has gone too far. I'm going to get some facts." He aware on the four men behind him. "Search the house,"

he said. "Look share for sything of a surrectors nature. An infernal machine, perhana, or a blood sucking animal. There is a man-killer of some kind, human or otherwise, hidden in this house,

and it's our business to fird it." When the men had densited be steeped over Booney's akaleton. "PH search this room myself?" he said.

He did, with professional thoroughness, looking for hidden variets and sounding the wells, both in the open areas and behind the shelves, for hollow searce. Then he began correcte the drawers in a

gical and disserting instruments of various knows, an sulesed set of microscope ables with some extra tubing and stoppers, rubber gloves and agrous, and other refered spaces laboratory paraphorasiin. The bottom drawer of the calmet was quite

large and deen. The chief gried out emittedly when "Goal Lord! Look at that!" he exclaimed. It was filled to the top with dry, white bones

Dr. Dorn, recking up a skull, "This, for instance, is the skull of a dog." Then, taking up another; "Here is the skull of a rabbit. Notice the characscriptic chisch-shaped teeth. This one beside it care supported the Le-whistored scuntenance of a com-

"What do you suppose he was doing with them?" he killed and devotered by the same thing that killed

"And that thing in-" "At present, morely a shadowy theory, although it must certainly has so existence. There is a verser in this house that is a menuce to everyton ander this roof-a realizatest entity that destroys human beings in some mysterious magner upports-This much we know, reasoning from effects. Reamajor from manible course we are aware that the

create a living thing from inorganic matter, and rottles the two tendles it seems to we that the logical hypothesis would be that he either succeed-Rologists, or discovered and developed unbrand of

"If there's such a thing in this house, believe me I'm solve to find it," sold the chief, stamping out, "Mace that we have a few recession to ourselves."

conduct a search, or rather an inquiry on our own account. I perceive that we here a very excellent compound metroscope at our disposal and am carrious to examine the lightly which has so masterionsty rises and changed color in the tank." He took a blank slide from the cabinet drawer and a small rious rod from the table. As he was about to dip the red in the liquid be uttered a low explanation of aurorise. "Whet's up new?" I asked.

"This amazing liquid has again become trans-perent," he redied, "The red tiet is gone." He plenged the tip of the rad into the visague twisted it slightly and withdraw it. Although the liquid stemed quite heavy it alipped from the end of the red much after the manner of the white of an eer. After equilibrials involve he

succeeded in obtaining a small amount which he ameared on the slide. He then placed the slide in position and adjusted the microscope with a prop-"Well," I asked, after he had peered into the eyewhere for a full ten valentes. Cabat is the stoff, any-

"Here, look for yoursolf," he realised. What I saw in the field of the mirrorsons on-

neared to be a mesh work or from work of sussedingly fine bubbles or perhans clobales. Grenules of different slops and shapes second imbedded in these siringer and the winds was detted at intervelo with could white objects. While I watched several of these white objects seemed to discolve and discount. All of them reparently were endowed with life, for I noticed that they expanded or contracted apasmedically and negmed exclusiver-

ing to much their way through the surrounding bmbblas. "Scene to be a sort of foam," I said, "with something alive footing in it." "The form, so you call it, beers a singular resemblance to the basic life principle, pretoplasm, when seen under the migrescope," realist the door

"That those white things...." I berry "The whote things," he went on, "use the living remnants of a complex organism that has been destreyed. They are wasted an unequal and knowless bettle against assimilation by the globules that agoround them. These faithful guardians of the organism when alive still fight, and will continge to fight the enemy until, figuratively speaking, the

"But what are they?" I demanded. "Union I are more reach relatelyre" be realled. 'they are-" His snawer was set short by the appropriate of

"Coroner and jury are downstairs," he said terre-"I ammore ther" must man testimone 178 leave a couple of men on guard here if you want

to come down." "Let us on down to the study and correlate our perusal of the professor's manuscripts while the fury in in session," said the daster. "We see thus

reve accordangels then and will be on hand when they are ready to question us." We cant Toyoner Herron and his toyon at the 278 AMAZING STORIES
feet of the stairs. Tasy were about to no up for "My suggestion in that we immediately declared

on impaction of the intensity and its grounder centents.

Dr. Duy switched on one of the resulting image centers are supported by the control of the one accordance by the control of the transmission or pace-white of life. Taken two orticles on that every subject pertaining to the transmission or pace-white of life. Taken two subjects are control of the transmission of the subject by the control of the control of the subject by the control of the control of the subject by the control of the control of the control of the subject by the control of the control of the control of the subject to the control of the control of the control of the subject to the control of the control of the control of the subject to the control of the control of the control of the subject to the control of the control of the control of the subject to the control of the control of the control of the subject to the control of the control of the control of the subject to the control of the control of the control of the subject to the control of the control of the control of the subject to the control of the control of the control of the subject to the control of the control of the control of the subject to the control of the control of the control of the subject to the control of the control of the control of the subject to the control of the control of the control of the subject to the control of the subject to the control of the contro

power for analogy boldcompy, Schrebtung, present on analogy boldcompy, Schrebtung, and the street on coolitical, openingeness generalise, and the street on coolitical, openingeness generalise, and the statements the street of the statement of t

Dr. Dern.

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form. Hay do not receptive the power that controls the force balls moved the metter beared is
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der in the metter of product is
that ha has dominantated his proposition.

"Bestrans be now superimenting with odes fasslet-

and not with miles or fiving resistance. There would be no mixed or sooil irredwed to shahriff its behaling from a persent mind or sooil. A new life untilly would be generated, out it were, from motter which formerly contained no fixe. "If think," and the dootes epicity, "you would have stated the preposition more contrasted had now stated the preposition may contain the fixed between the proposition may contain the part of the proposition may contain the preposition may contain the preposition may contain the preposition may be contained to either the body symbilitically be the proposition of the preposition of t

who infermed us that we were wanted by the CHYCHY.

The Corone's Jusy

B, DORP did the inlining before the corone's jusy

Jusy. All the way Drough his testimenty
were negative. When asked if he had any
idea initial the moreone and the negligature

he regised that he had several ideas, but more of these would be worth beringing before the play while out races fast to substantiate them. I would see that his purpose was to get the languast over with as soon as possible as we might excidence the lawstration. After one deliberation a wealth of "Duals from causie or crosses unknown," was brought in and the executer deported with his rose.

"Now that the imposs' is core, what do you and

cost?" McGraw asked the derior.

the topid in the place-lined teak in the laboratory,"
"Why?"
"Because I am corriented that it is at a bear one
of the causes of the deaths that have failed place
in this boune."
"I suppose you have a good reason for your
measuragion."
"An excellent one, I believe. While you and your

assumption."

"An excidence on I tolere. While yets and yet.

"An excidence of the property of

"All Great to me," said the chief. "What was it?"
"The from work with its accompanying grantless closely recentled protoglasm, the haste life substrate."
"And the white things—"

gling to excape.

strate."
"And the white things—"
"And the white bleed carpusches from the wells of
a human being. They were the strongest of the
human bedy cells to resist assimilation and coresquently the last to success. The red carpusches

termed the liquid pitch for a while but they had disappeared before we make con ristresseries examination."
"Good Lond, why dight you tall me this before?"
downsted the chief. "Lot's go up and destroy the earth row. These two mean pitch might be kind.
We found the two policerom unknowned and mide or plant for the destruction of the substance in

the tink. Second densithes of each stood under the table and the doors resident on confr full of sulphires setd.

"Open the stationers," he protected. "This is, poing to make a heretile stateth." These is removed the Them he returned the rubber storpes from the ments of the densition and I sulpad him bett it to the edge of the tink. The stating implied street the heavy fluid in the lattice with a fluiding served and heavy. This is the station of the station of the beaty. The title-like man cutyoned direttle, and

pungent, namesting furnes arose to terroat our moteritis.

Thes, suddenly, as if in horrible your and awale-card to the danger of its dissellation, the plotting substance began to beave and billime toward the tay of the trick with a movement argenties of the writhing at a large colled surport in its denth segrots, By therefore the stream of add a the writhing at a large colled surport in the denth segrots, By therefore the stream of add a the writhing at a large colled surport. It is denth segrots, By therefore the stream of add a the milk which down to a contract lived. Then a deere nother ness suntailineasity and I natified that we make your models ness suntailineasity and I natified that we have

war clipped with a reund hall in the center of which was a thick spot.
"The meletast" oried the doctor conitelly, skifting the demijohn. "Pour it on the nucleust"

We were too left. "In thing agreemed itself with arrising speed and hoped over the olip of the tunk

We ware too lete. The thing appeared theif with arraing speed and lopped over the edge of the tank opposite us. We dropped the nearly-empted demijoin into the task and rashed around to interest it, fust in time to see the hall entitioning the black

THE MALIGNANT ENTITY spot accounts itself from the stringy mass by which "I feel quite sure that he left a record of some it was surrenfed, dren to the floor and roll under sort, though I have never seen it," renlied Miss

An exciting chara of several minutes ensued The thing darted, or rather, rolled from place to place with amazine resultive. The tile floor was eracked in a dozen places by blows from the cishs of the two policemen who accisted us. At length and advanced in close formation. I had armed myself with a large metals, the detter stripped a heavy neatly, the two policemen had their clubs and the

the table

chief held his automatic pistel in readings. tion, our purves tout, our weenens ready to strike We walted breathlessly, but no movement came from the corner. I prodded the smoot behind the water pipes with my spatula. Still no sign of the thing we were after. Then I neered behind them

the tile flace, nechably drilled in the wrong place by a careless plumber and left unfilled because it was out of eight. When I pointed it out to Dr. Dorn he shook his

"The Mallowent Putity has essented" he cald "No one in this bouse-in this community, evenis sofe until it is evetured or killed." "You don't ween to tell me that little thing we some chasing around the room dould kill suchedy."

"I am not no sure that it could kill any one now that it has been reduced to the size of a rolf-ball. sittough the eytopissus surrounding the auxleus syldently has the newer of suiskly dissolving and assimilating living ticques. Its growth, apparently, is only limited by the amount of food it can find." "Maybe we'd better get the women out of the

"The sorner, the letter. I suggest also that you surround the place with men armed with abotious, If that thing gots out and starts to grow I shudder to think of what may happen. Children will not be safe outside their own homes, and perhaps not to the creature has attained sufficient size, and there is always the sensibility that it may have the power to reproduce its kind. Organisms of this kind, as a rale, multiply with exceeding rapidity. Think of a thousand or perhaps a million such monsters reasons through the land. It is almost

how large it has grown, taking with it only enough extenders to rectest the explicit and make a new We were all passing from the fumes that game out of the tank, and gird to get out of the intern-

When all were assembled in the living room the chief phoned besequerters for men and shotgans while Dr. Doro and I explained what we had found After we had described any adventure in detail. the doctor said: "It seems erganes that your father left no records

of his experiments with the mouster."

"I do not remember seeing a safe in the study." "Naturally. It is hidden. Come and I will show you where it is." We followed her into the study and she swung back one of the bookstags whith was hang on concould biness rewaling a small wall safe, "Would you mind opening it for un?" asked the doctor.

"Have you say idea where it is?" "Parkage in his safe in the study."

the lever. It 45d apt move. She seemed sururised.

"Te's no use. I suspen" she said. "The last number of the combination is twelve. He usually turned it back to one and then it was only necessary to turn it to twalve to open it. He must have locked it last năgirt \*

"Daw't you know the combination?" "No. Father was the only one who knew that." "I wonder if you would object to our blowing the he solved. "Not if it will be of one assistance to you." Chief Moffrey, who had just finished calling bandcuarters, come into the room,

"Think you can get us a safe-crucker tonight, Chief?" asked the doctor. "Get was reest anything you west. What's in the safe?" "We believe it contains some valuable information regarding the thing we were cheating a walle ago." "I'd get a more out here right away," said Mo-

Graw, weing once more to the phone. Officer Burles executed Most Townsond, Mrs. Harms and the two recvants to the Harms botte, where they were to arend the night. Shortly ofterward there arrived investy peliceteen group district and carrying several doors bulls-eve lexterne. They brought exten weapons which were distributed to all of us who remained

in the house, the chief, the doctor, the four policeman and several? Deader man to remade on manual next deer. A ring of lenterm was placed around the house and the twenty armed men were pasted at intervals between them. We then divided our forces as follows: One pattermen was placed on guard in the laboratory. Chief McGraw with another notices man patrolled the upper rooms and halls. The have just witnessed, of leaving the body, no matter dector and one policeman remained on the first floor and L secomposied by a stranging young

fellow roused Rizek, who had recently hour admitted to the from did sorter duty to the basement

"HE Townsend basement was divided into three rooms, each lighted rather dimly by the three rooms, each against tours and promended on a about door could The firmum room and real him were citruted at the rear and. The portment of boxes, burrels, garden tools, hopsehold



#### DR. HACKENSAW'S SECRETS Pep Perkins, bursting into Doctor "I will explain. My first idea was merely to simnlify the work of the type-writist. At present her

Hacksman's sanctum and finding him husliy working a poculiar looking ma-Doctor Hackensaw looked up with a smile: "Pm spending ave minutes spare time in writing a few thousand subographs for that class of people of

whom one is born every minute, if not oftoner." "But what's that queer machine you're using?" "This, Pep, is one of my minor itwentiens-a

movie-store, and other celebrities. As you see, the dred stylographic pens connected in ten rows of ton permeach, stridly held in a frame-work. I write my autograph with an extra per, a master-pen, which is attached to the frame-work, thus causing each of the other nens to make the same motions. By writing my name once, with the master pen on a sheet of cordboard on the table. I get one hundred signatures on the cardboard, which is then out by machine into a hundred separate visiting cards.

each bearing my notograph. I can thus write n thousand subservois in the time it would take another man to write ten. I may add," continued the doctor, thuckling, "that I have made some life-long friends among setters and other colabrities, and even among business men and government officials who have numerous documents to sign, by making

them a present of one of these machines. Many of these people are so grateful that they would be willing to do sperthing for me." "You must have made a lot of inventions in your life-time!" charried Pen

them," returned the doc-"As I happen to have show you a few, if you care to see them. The first

a Dictation Typewriter." "A Distation Typewriter'. It's a substitute for

the gum-chewing, faceographer, and type-writ-

ist. This machine is werof the sulks,"

matically done by machinery."

"How pel"

That's great! But how did you do it?" with a stennyranker by dictating into a phonograph. but how can you do away with the person who ham-

"The problem is not as difficult as it seems. My children was to do a way entirely with the young indy. An employer is often obliged to let his stenographer are letters which he would prefer to keep confidentid. Then too think of the sums ment yearly for stenographers and truists. Go into any large busily typewriting, when the work could be autoof corner I could rasks sufficient contact, by touching a type-writer key to switch on an electric curront that would nesse down the desired latter. The only the type that moved. There was no time or energy lost in rushing down the keys and letting several times as fast as with the most rank presentday typosyriter. Rusey touch record a letter. As the keep were metionies they could be crowded close together, separated only by insulating ma-

delicate hands have to harmour at the keys all day

and she is subject to the malady known as 'typewriter's erams." It struck me that the work could

be made much less fatiguing by pressing the keys

terial. I saved so much space that even using separate kers for the cardtals and shift-letters, my keyboard was smaller than the standard size. The typewriter itself was greatly simplified as all moving parts owere Asse away with except the few armple ones necessary to turn the type-wheel which cantained the letter on its rim. Ruch touch released a plunger that forced the wheel against the paper, writing the character desired. "So compact was my machine and so simple, that

I found it desirable to duplicate the letters must often used. For example, there are free 'E'a' on my keyboard at different convenient pinoss so there is always one at head when desired. This increased speed so much that the typist could take dictation so fast as a steppersuber. Of course, with electric-

DOCTOR HACKENSAW has bee secrets, but most of ity it was a simple matter the letter 'R' on the wheel cerhang we should call it, the auntity-of helition the ripein such a way that making such a manuer as to make them appear both plantable and the kers would close the sourible. Here this ingresses inventor explains to us some "If I visco my frame

the houses typics-and over translator entirely-ric.-all the session typics—out over tregulation returning—ret.—the such a methodisc. Still he is dissociated—on he showing goes ahead, over seeking new improvements. Usually he succeeds. Here is food for thespies—and experimentation —evision if the story is hugariestly table. It is full of inhave the circuit is closed and the letter "E" is terest and more ideas

"But," objected Pep, "no girl would be willing to copper-tilate her fingers

coated with metallic con-

"No, that was fast my first rough idea. My pext wanted a vocal typewriter-one that easid be worked entirely by the value. The more articulation

of each letter must be sufficient to close the proper circuit and peint the letter." "World that he possible?" "Retirely so. My first model consisted of a series

of gas jets so constructed that each dame flared up no soon so some particular letter was spoken. This finring up closed an electric circuit and the latter

was typed. In practice, however, such a resching was too delicate for general use, the great difficulty balmy, keeping the gas icts properly adjusted, in sells of differences of taxonerature. But I foally

#### AMAZING STORIES

devised a mashine that worked with a photograph. General waves other barguage I desired:
When the litter was spoken the vibrations of the displaying would turn on the preper current to displaying would turn on the preper current to early make a machine little! You exit translate without littleful and no steel springs or obsertion.

"in diviniting, it is necessary to use the praist 'any when you wish the next letter to be a supitial. Frus, if you were dictating the name Dickens' you would have to say: 'Oup D-to-k-on-a' and the mobiline would write the work properly with the

movaine wolf wrote the wore property with the capital 'D.'

"Finished with my success I factded to go further and write whole cyliables instead of letters. By using the phonograph there was no limit to the number of different keys for twenty say hence I could have securate levs for thousands of syllables. In

### though the typewriter itself needed but twentynix letters." "How did you manage that?"

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"Both of high between the search of the search of the whole search of the search of th

would be a tensprassber." Else when the property of the proper

in an hour and the machine would then spell each properly."
"Then you succeeded?"
"Perfectly. My first machine had to be turned to suit the valor of the dictator, but experience continued to be less assured in a first the

to suit the veloc of the dictator, but experience com taught me to leave enough play so that the machine would answer to any voice. Try it yearself, and see here it works. Don't about, just speak quietly into the mouthpico just as you would at a telephone."

For neconflushy took up the mentiones and

spales a few scateness, with some ecoching from the destor as to the proper prenunciation, and was delighted to see that the machine typewrote from her dictation without a single error. "That's great!" eried Pep. "Lat' il I was so delighted with my success

that I didn't stop there. It was an easy matter to make a phonographic recerd that would rapsed the dictation subsematically as offer an required and thus make a thousand typewritten copies from dictation, if desired.

dictation, if desired.

"Even this didn't satisfy ms. I resolved to go a step further and build a typewriter that would translate my dictation autematically into several different languages. I dictated in English and the machine, as in ny dictation typewreds course in Remidia, Prouch.

without tellulage sho isled springs or execute surrents can over be made to binds. But the first surrents can over be made to binds. But the first impossible thing that I've mode possible, Pay and be. "As a matter of fact, the thing is simple in theory—though it is complex in practice. It is were sufficient to tensitist word for word, the problem would be easy. Say there are a huminof thoseased words in one in the English language. It said ways to apid this corresponding word in the foreign language. It would be no mare difficult

than my dictation typewriter, though it would require more byte.

"But the problem in far more complex. Words applit alide in English such as "row" (in How and "row" (the word) would have to be translated distractive that the same of French. It is therefore measury to make these similar words different what distractive, in corresponds this by saying free I facture, I correspond to the yearing free I would be used to be a support of the proper during the translated, of some this measure that the desired and the proper during the property of the property of

need know only English and his diotation will be automatically translated into any language desired."
"How shart bilions, uncoint physics, percents and

"How about idlicess, special phrases, proveries and so on?"
"Back idlices must, of course, have a low of its

own. This necessarily multiplies the number of lays. All the lays you see in this room are parts of my weeklose for translating into French. My

'teseration' kept will give you same life, of the many problems I had to must and solve. In Franch every noun is either morealine or familiate, and it adjectives must agree with the soun in gender. For example: Home is marcalled and table in familiate, so a good home 'must be translated 'un bon chroni and a 'most table' une brane table.'

"In French, to, most adjectives follow the nonintended precoding it as in Resultin. A Frenchman does not say 'a Mark beins' he says 'un elsewil and the same of the same says 'n she will must agree with their subject. Then, as you remarked, there are a large number of idiomatphranes. All these difficulties, however, I oversome by an arrangement by which as typeurities the same same same same same same same tensity in arrangement by which as typeurities the tensity illustration's pays causifum to to get the proper

construction of words and their proper terminations."
"I don't understand you."

"I will explain. The adjective thinks," in Freich to the color as a solid, note or notive, according to the gender and aumbre of the norm that follows. My key for the adjective thinks' on write any color of three four works. If the first househoy likely follows is miscallen, paints, it is provided with a frager that turns around the key "filled" on as the

write the word soins. As the adjective 'thick' must always follow the notin, the key 'black' is rise pravided with an investin device that prevents it from typewriting its word until the neun that follows it is investitan as that if I deliate the words:

"Yee, but not so complicated as it seems. Howover, this machine you see bure, is only useful for correspond of the party of the teer are dictated to it in English, and the French trousletlore it makes are worderfully good. Some I remained free all my life!" day, when I have time, I shall construct a framalating reaching that will make really literary translations but I carried at propert many althor the

DR HACKENSAW'S SECRETS

efficiency experts?"

patience or the time and money required. Besides These commercial machines, however, fill a real need. Henry have haviners house needs one. The expense is not prohibitive as business letters recuire only simple sentagons and stock phrases that keep receiving all the time. My machine can translate business lecture and alternic phonons like, Have

black horses, the reaching will write anismatically

chrysux noirs. "Tan't that awfully complicated

you the parret of your grandmother's coasin?" That'e about the bighest limit of real literature that my machine will translate." Pap jaughed. "Your idea seems good," said she, "but this machine is much too complicated. Couldn't your efficiency experts simplify it a little?" At the words "Sificiency copert" Dector Backers-

"Dog't talk to me of efficiency experts, Pep," said be, 'tiplets you want to drive me orany. I have no nee for them! Understand me, I believe in organigntion. Organisation is propagate for everything efficiency expert who organizes a basiness so that passes in turn to each of the men who have to work

at it, and some out to the delivery warm without the man who lawers the cost of goods without aserifeing the enality. But the efficiency expect who spends his time socking to save one screw on a machips, or a button or a stitch on a gurment in a merace to society. In making any machine, engicalled on to sustain under strains or stresses, and they allow a margin of strength to meet these

unqual demands. The efficiency expert, however, spends his time parties down this factor of safety. an article that will give yet at the least unusual strain, leaving the owner in the lurch at a time when the life muchine means a loss to him many thousands of times the cost of the extra sirow. Such expects are the hone of my existence. Only

once in my life did I ever have occazion to bless an efficiency expert." "When was that?"

"When I was a young man, Pep, I fell in love with a rectivent and I bought a new seat of clothes on the day when I decided to propose to her. But the tailer I brught it from was an efficiency expert who had found means of saving three stitches on overs

pair of treasers be made, and thus increasing his gains one-tenth of a capt on each pair. The conseuncore was that when I got down on my knees to arrogse to the idel of my heart, there was a ricolng

"Not at all. At the time I felt like stranglite the fellow, but afterwards I would have done anything for him. The ciri married another man, and Pro Isughed, and Doctor Hackensow continued: "There is one field whose afferency experts could do useful work, and that is in the standardizing of the parts of different machinery. At the present day we have standard alose of screws, usils, bolts, etc., and this standardisation has proved a great blessing. It would, however, be passible to extend

I furned up and backed out of the room in as much

"Well, I understand now why you don't like the

I never dated so near the young lady again,"

it to a great many castings and other parts of machinery. Certain parts of one automobile, for example, should be espable of use on others or an aeroplanes or other machinery. Very slight changes in lower the cast of production while at the same time "What is that next muchine you have there?" asked Pen-"That's a simple little attachment to prevent the

theft of automobiles. When you leave your car, press a holden switch. The burgier comes starts the auto without trouble and makes off. But as soon as the cur begins to move, a sign appears at the beck! THIS CAR IS STOLEN! "The eign disappears as soon as the car stone But you will have no trouble tracing your car, for a crowd will sucher, and the driver soung how much attention he is getting will take the first opportunity to escope. Yet be won't know what consed the configurant as the sign has already win-

Sobod." "Next to that machine you will see another, canning bread." "Contring bread?" othered Pen.

"Yes; while traveling alread, I often found it difficult to obtain nice fresh rolls, and to attempt to earry a sucrely was cut of the question so they became stale in a few hours. Travelers in the wilderrous are obliged to carry four and halos their own

bread frequently or also consent to live on hardtack and crackers. They would willingly pay the serall additional cost for exceed rolls or cannot candwiches. If they were put up in time filled with altragen instead of ordinary air, the rolls will keep perfectly for years. If properly sterilized and sufficleatly moist when parked, they will be so fresh when opened as when first sealed."

"And that very popular rateling next to the sandwich canning machine?" naked Pen. "That," replied Doctor Hackenow proudly, "in

one of my erectest triumphs in invention. That is an Automatic Judge. Our courts are now all everyrowded with cases. This machine will automatically listen to the pleadings of the contenting parties and give a just decision. In fact I'll guarsatus the decisions of the machine to be equitable

in \$99 cases out of a thousand-which is a larger representation than any trains I over heard of can

"How ridiculous?" retorica Pen, "Whover heard of an 'automatic judge!' Why such a thing is imat the seams. Burning with shame and confusion

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passible! A machine can't possibly think—or have instance of the law of componentian—making up in judgment!"

gentlity for what was histone to conflict.

Deter Hackensow chackled. "It would seem so, Pen," said be, "but I assure you I am perfectly serious when I say the machine will do what I claim for it. It seems impossible but as in the case of the translating machine this is only one of many impossible 'things much possible." "But how does it work?"

"But how does it work?" "The lat year for the heafs periastiple is extremely simple. I have heaf a great deaf of experience in the courts and I have noticed that the behan who is in the wrong always secures the heat swyree. The man who knows he is right will be coldined with a power lawyer, trusting to the justice of his cases in pre-lawyer, trusting to the justice of his cases in pre-lawyer, trusting to the justice of his cases in pre-lawyer, trusting to the justice of his cases in pre-lawyer, trusting to the justice of his cases in pre-lawyer, trusting in the control of the case of the

lawyers talk five missates each, and then devide the seas in favor of the poore keyper."
"But in that ease, why de yet need a machine?"
"The machine is useful as an aid to told which keyper is really the detweer. It registers their keyper is really the detweer. It registers their "But," objected Pcp, "It seems to no that propie would seen issum your systems and these both sides used to be engage the proved lawyers they could be engaged to provide the propie of the propie.

"Precisely! To avoid that, I must loop my milton scort. My randine does the real judging. But I should hire cheep men to listee quiesty to the area, and at the cut they vectal scereity frame a slip from the machine which would tell them what verticate to give, And, and said, I would guarantee the judgment to be equilibrie in 260 comes cut of a

thousand,"
"What's that Ettle instrument that looks like a
match?" soked Pep.
"That's a grasionometer. It's an instrument for

measuring a woman's age."

"A grasionometer!"

"You, that'e Greek, and means "The measure of a warmer's age."

"Great Sout! How does it work!"

"I get the idea from an author who wrote under the sen mean of Disserner Toths. who some forty

years age wrote the story of an inventor (Mr. P. Q. Jones) of an instrument for secretaring a woman's age. At that time, short 1885, the ladde all were long skirts. Well, this Mr. P. Q. Jones was a philocopher. He had often shood on a street corner on a mothy day, and he noticed that the heffen, in

coupler. He had often cloud on a street corner on a modely day, and he noticed that the heffen, in creating, shown raised their skirts a little, in order to keep them out of the mad." "Well, there's nothing very extraordinary in that."

"No, but Mr. Jones noticed the remembable fact that the extent to which the skirt was reduced, varied with the age of the woman—in fact to found that the amount of stocking displayed was directly propertional to the woman's age—the older the woman, the bidder also was the raised for skirts. It was nother quantity for what was helding in quality.

"Mr. P. Q. Once used this force as the basis for an interment which he called a 'grassroomster' and which he used for measuring the ages of the bidne he met. In this meth-flow instruments on the thick he met. In this meth-flow instruments on the thick you see an improvement of mine on Mr. Josen' time you see an improvement of mine on Mr. Josen' time for the property of the property of



"As you see, my device was simplicity lucif. It constituted nearly of a sile on which was a fixed needle and a novebble needle. On a match day you could stand causely two sides used. On a match day you could stand causely two sides used passed be instrument so the fixed needle is perfeatly hericated although the fixed was large, and when all a minute of the side o

"Good havena! But the thing wouldn't work needings when well were short skirtled."
"No, the fashlous changed and I was obliged to modify my instrument. As a premous arterial shardon with any, I tried to make one that would work soon time but degree of hirtchest of the contract of the c

tries currents. Crareful study showed see fast these current war with tags. By the see of an another considerable these currents and I controved the rather complicated machine you see bore which considerable such talls indy's exact age in an instance.

"I expected to make a fortune from my drift, but would you believe it, the thing has brought my

bles me to still a lidy's caucht age in an instant.

"I expected to make a fortune from my dwire,
but would you believe it, the thing has becopie in
seching but truthe and westion. Like Mr. Jones, it
have bot all my ludy friends and have become extranged from my femile relatives become I chimed
to have thair ages better than, thay of these
where the contract that the contract of the second
works with. I for of form is the buseaux. Asworks with, if no of form is the buseaux.

other other is a woman's age!"

#### The Runaway Skyscraper By MURRAY LEINSTEIN (Concluded)

years flee by, three generations were been, grew and bogot children, and died again Estelle, held fast in Arthur's arms, thought nothing of such trivial things. She got her arms about

his week and kinsed him, while the years named Of course you know that the building harded andely in the expet hour minute, and second from

which it started, so that when the frightened and excited people poured out of it to stand in Madison Square and feel that the world was once more right side up, their bilarious and meconscelensible con-

a contagious mainess had broken out. Days passed before the stery of the two thousand

and contrast arientists studied the matter ex-There has been one rather enser result of the nursey of the renaway skystraner. A certain Isidore Reksters, a doubtr in jewelry novelties, whose office was in the tower when it disappeared into the past, has entered suit in the courts of the United States against all holders of land on Manhattan Island. It seems that during the two weeks in which the tower rested in the wilderness he traded independently with one of the Indian chiefs. and in exchange for two neonmorely neckleses, see teen farger-rings, and one follor in money, received

whatever.

Strictly speaking, he is undoubtedly right, as his deed was signed before the discovery of America. The courts, however, are deliberating the question with a great deal of norelayity Eckstein is quite confident that in the end his

claim will be allowed and he will be admitted an the asla owner of varioustate on Monketten Island. with all occupiers of buildings and territory paying reenforced so the estastrophe curact occur again, his active office is packed full of articles suitable for trading with the Indians. If the tower makes another trin back through time. Makutein horse to become a landholder of some importance. No less than eighty-organ books have been written

he members of the resmorable two thinsiand in description of their trip to the hinterland of time, but Arthur, who could write more intelligently heavy that he cannot bother with such things. He has two very important matters to look after. One of the building so that a repetition of the catastrephe cannot occur, and the other is to convince his wife-who is Ericle, naturally-that she is the most aforable person in the universe. He finds the latter task the more difficult, became she freists. that he is the most adecable person-

TO OUR READERS

NCE the second large of AMAZING STORIES with the mest fistering and entistinate betters

In soins through those letters we have been pleasantly carprised that so many of our readers then once a mouth. Some have own gage as far as to demand that AMAZING STORIES become specially; that is, appearing every formight

We have given this a good deal of consideration. and while these were several franched such letters. -which we are doing hereagh). We ask you to be winter of the majority. If by a feciaire wate it is ------voting coupon------

53 Park Place, New York City, Gentlemen -I like the magnetice as it is now-a monthly [

#### The Malignant Entity By OTIS ADELBERT KLINE .. (Continued

tools, canned fruits, empty fruit jars, botcles, and what act. The frost room was used as a laundry Officer Black and I searched seek recen thorough walls. Several mice jumped out from behind boxes and barrels, but we saw me sign of the creature we

We were peering behind the furnece when several With shetgun beld in readiness, I moved steektfor toward the point from which the sound came There, in the center of the floor almost under the

My first impulse was to shoot, but on second alive if possible. Instructing Black to hold his weahid from a large empty fruit jar and walked softly toward the center of the floor. I expected the thing tionless on the body of its victim. I could see streaks blood of the mouse was drawn up for assimilation

I charned the mouth of the far over the creature and still it made no effort to escape. Then, sliding a fire shovel which Black brought me, under the thing and its victim. I turned the lar yight side up. It fell to the bottom of the recentacle, still elinging to the new formless most that had once been a mouse and making no effort to escape. I "Now try to get away, you devil!" I cried, shak-

ing the for coultsaily. I almost dropped it a mement later as a muffled explosion jarred the building. Then I remembered Chief McGraw's safe-gracker, and hurried unstains

congrains from the study in a cloud of plaster dust In his hand was a thick, loose-leaf book "I have the professor's diary," he called excitedly "Don't get fuszed over such triffes." I realisal "Look what I've got. Caught it alive, tee." I not the far on the table and he explated at it for a marrorst. The blood-blooded magnifestive had constrated its shapeless hulk from the whitened

the side of the glass. "You caught it, sure enough," he said. "I only hope it hasn't any little sens or daughters about "I'll keep the begae under guard for a couple of days," said Chief McGraw, who had come down to learn the result of the grackeman's labora. there are are more of these things around they ought to show themselves by that time."

The doctor draw a chair up to the table and eagurly scanned the pages of the diary while we watched the cuties of the thing in the ing. It bept By the tiree the cytoplasm had become transparent kinds of shapes-flat, outl, and round. At times it

not forth neerdopods, semetimes elongating them until it resembled a small cuttle fish. "Sentember Investmethind was the night Improve-Berny died ween't it, Chief?" asked the dooter. "Right, Why?"

"Then this diary tallies with Miss Townsend's tes-

timony. Here is the professor's entry.

"'Euroba! I have succeeded. I pleased a tiny draw a thousand times before, and covered it with a weak,

"I mutched it steadily for a half hour but nothing happened sould, suidenly, I naticed a time black no animolouise either in the synthesisem or the soindistinguishable then my speek of conthesisses began

"I need introduced a rivierpod into the solution, Mir opius elightly resembles it, but is larger and gets about much faster. I wanted to compare the ture but the rhizoned year awiekly denounced. New J know what to feed it."

"It is growing late so I will not read all the detalls to you," continued the decice. "Suffice to say that the professor discovered his synthetically creatsecond day that it grow to a size visible to the naked ers. That he fed it gents, mosquites, files, beetles, and finally mice, when it become so large be wan froved to transfer it from the small porceion dish in which he kept it, to a much larger one.

"The thing grew at a prodicious rate of meed alive and were quickly killed by the measter. Ho noticed that it was sturgled while assimilating its food, but moved with cat-like quickness when hungry. Though it had no eyes it seemed to sense the stretched forth pseudopods and anatched the animals "Yesterday the professor led two meetiffs into

the room. Hardly had be closed the door of the hiboratory before the mouster was out of the tank It killed and devoured the two hir does in less than tank to digest its meal. Thus ends the written nant Entity. His whitened benes on the floor of the There was a mement of awed silence when the dector finished his parrative. His eyes fell on the

"What are you going to do with it?" I asked. "Come," he said, taking up the far and starting for the basement. "I will show you."

#### The chief and I followed him down the becoment stairs and toto the fur-Are You Digging Your Grave tage room. He corned the fire-door and toward the iar on the element The thing raced short sparmedically

t resembled a human head. I the curved glane, eyes glowing with in a snart that revealed crooked, yet

vision held. The next instruct the jar was empty of all save a tiay pile of white, flaky ash and the hones of the Dr. Doro shut the door maddenly "That face," I excisimed, "Did you "A surer distortion of the exacts-

for a moment in the intense heat, then

turbed. He drew a long black eight your his vociest. Highted at and waterd "Distortion, hell," he mattered.
"It was a seriest double for the face
of faces a seriest double for the face
of faces a seriest double for the face
of faces. THE END

An Experiment in Gyro. Hats

At alx the oast murning Asso my wife, and I all went into the some to me that I had no way of stopcrew that when the sun arese the thin ice would malt, and an Walterghom's feet could be league sile emily, avaid in all rechability be overchad is two, a must unsatisfactory condi

But while I was stonding in dismay low found a way, as low always wil and Anne rushed to the cellur and Walshorbott the climbed it, and belling the point of the ice pick at the exact center of the top of the but Slower and clower he revolved, untill he steed quite still, and then, with-

out a reel or a starger he walked up to me and evented my hard, while toors taki me the thanks he could not utter. He had resolved in the right BUT YOUR COPY TEDAY-SENT POSTFAID FOR SC IS
For Solving

With Knife and Fork? W. McCaus reveal by streetlin analmbing thouse, remit minary and pro-

Officials and all wards are and absolu-Are yes sexually polousing and there-by killing powers? with the feed you get? Alfred W. McCorn in his wenderfal back, "THE SCIENCE OF EAT. ING," reaves bround the shadow of a

duck that Exact Diness, Diabetes, esting improper foods. Foods that see

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are so startling, so enswireing, that you Do not think that Alfred W McCace's resuarkable book "The Science of Estremarkable book "The defence of Est-ing" in for faddists. It is for everyoon. It does not advise trisaver diets. It

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Many Other Government John Obscurate Man Wester, Il at SHOULD MAIN, COLUMNS AND PROS. No Local District of the Columns HAMAZING STORIES

The Coming of the Ice the second flory rose before my you and, ignering me as a baser creature

they strioped away their lead of tat row, and disappeared. And I was

So am I alone now. I have written and of Markind upon a subclance that will, I know, outlest even the unew and the Ice-as it has estimated Manwith which I have never narted

the historian of this race—L a pavage in "archaic survival?" urite? God known but none incline prompts me, although there will never I have been sitting here, welting, and I have thought often of Sir John

and Alice, when I least Can it he that I am feeling again, after al there ages, some I'my region of the emotion, that great passion I can knew? I see her face before me, the uce I have lost from my thought for come, and pemothing is in it that atles my blood again. Her even are

half-closed and deep, her lips are partof so though I could crash them with an infinity of wonder and discovery. O God! It is love sanin, love that I thought was lost! They him often unified mean me when I cook of God, and muttered about my feelish primitive superstitions. But they are

I am cold, I have written. Ah, am frozen. My breath frozen as 2 mingles with the air, and I can havely more my numbed finances. The lee is dealing over me, and I cannot becale to all about me in the twilight, and I know this is the end. The and of the world. And I-L the last rear.

. . Lam cold-cold Bet is it you, Allon, Is it you!

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