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NG STORIES

May, 1928 ol. 3. No. 2

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Adventures

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THE COLDEN CHIL OF MUNAN, by Harl
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to persons wounder. What a very few scottletts.

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# Fans! here you are

## how to do or build anything in Radio

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Editedal and General Officer: 238 Fifth Avenue, New York, N. Y.

### FACTS OUTFICTIONED

WS we read the average sowersferous stery, nar-

Only three short years are, in the December, 1925, loose

### FOUR DIMENSIONAL ROBBERIES by Bob Olsen

Author of "Four Dimensional Surgery," etc.



deposit boxes throughout the United States,

leaked out to the public, it would undoubtedly have

You can easily usagine what would hoppen if it were that was exactly the situation that obtained at the

Banning, the emment authority on Four Dyneusional Mathematics \* With this device is was possible to

side a closed receptacle

perform an operation of this sort that the Hyperance from me, a tracely was averted and the two wanderers into hyper-space were brought safely back One might reasonably suppose that a harrowing ex-

\*"Four Dimensional Surveys," sublished to the February

perpence like this would suffice to deter Professor Burn. was not the case. He maisted that he was aledeed to four-dimensional surgery and other practical applica-

This left me with little to do, although I was still Mayer for the resummer of the year. I offered to astended to resume his expensionests in the practical

OF course, yes still remember the praceding stary by Bab Olera, in solich regreshtance was soon with the Fran

in close touch with these internationally famous men,

It was about a month after Professor Banning's descene. He was none other than William Dern, head

phone message I received from the clerk in the Win-



With bitth both, the not needed and handles of the Internation point the tree secure is used right you are still quite males of the ready, April of the readed of predicts, he withhere the live of the Dynamic Princips. Determine them daughed a like long which had been drawn right directly the belock four or case of the sale drawn comparings.

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After introducing himself, Dern presented his com-"Except for an accident, it might not have become panion, who turned out to be Timothy Clency, one of known for some time after it happened. We have reason to believe, however, that one of the robbergs at

closer to the commonly account idea of "Stealthy Steve, the Six-Eyed Struth." He were a derby hat a someoned with Clancy, I varely saw him without his had on and a eigar in his mouth, yet never once did I catch him with his storne lighted. He was one of those "dry smokers" who chew an unlighted cigar until it looks

would throw it away and start mangling a fresh one. dering lust what crime I was suspected of having

Instead of setting me at east, the opening words of "I suppose you know all about the lag safe deposit

I answered "I'm like Will Rogers-all I know about truth. I haven't been interested enough in these robberies you speak of to read more than the headlines." You'll need to know them in order to set what we're

weeks-probably by one person-amounts to over a billion dellars." "A billion dollars stolen by one individual in three

works?" I exclaimed. "Why, that's inconceivable!" "Sure sounds fishy, I have to admit. But neverthehave been able to check no may be only a small fracboxes until the customers call in nerson, there's no way of knowing how much more may have been taken

"I'm coming to that in a minute. First let me give the first of the safe deposit robberies bappered at the Utility National Bank of Milwaufers. Not so far from here, you'll notice."

"It started with the finding of a life insurance policy for ten thousand dollars in the waste, basker made the took it immediately to the clerk in charge of the safe

deposit counter, who went through his records and found that the man whose name was on the policy had found in the basket. The next marning, the owner opened his safe deposit box and found it absolutely

"Within the next few days several other renters re-

"Of course you know how a safe deposit vault is

"To tell you the truth, I do not. Since I never owned a bond or anything dae worth safeguarding, I

"Maybe I'd better explain it then. When you rere a only ones in existence that will men your hoy. Even the company that installed the vault is not able to make a third key that will fit your lock. If you lose is a long hard job. This destroys the old door and

necessations installing a new door with a new set of "Ordinarily, when you first rent a box, you would file a card with your signature and that of your wife or other person authorized to open the best,

"Before you are allowed to enter the west, you have to sign a slip in the occurren of the attendant and this slip is compared with the signature on file. If way he could use it world be by forging your signature while the bank employee is watching him -a thing

"As an additional precoution, each box has two keyholes, one for your private key and the other for a master key kept by the bank. Neither key alone will unlock the box, but when both the hank's key and yours

STARTED to ask him if he meant that for an instruction, but he hurried on.

are turned in the lock, the deor of the compartment opens. The valuables are compared in a tin box which may be removed and taken to a table in the middle of the vault, or, in case a customer whites privacy, he may so into a small room or clessed booth adjusting

arely removes the bank's master key, but leaves your key in the beck. On replacing your box, you close the foor and turn the key, thus locking the compartment So you see that, while the bank's key is needed to

unfock the door, only your own key is needed to look it. Is all that clear?"

I parared him that it was He continued thus:

"The method used by the bank employee in Los Angeles was so snipel that it is fourny no one over land thought of it before. He would notice the customers that were in the label of inlanding other valuables into one of the private bootho and saying there of a same time. When, as a fringrantly hospened, the want was ancompied while one of these customers was going through the proper, the bank strengther proper in the property of the contraction would be recommended.

"From this way impression be would file out a deplicate key, said the next time he was able to vanile, he would open the petron's box and rife it of its corrects, after which he would lock it. In this way he lifted about a bundred characted ablates worth of

he lifted about a hundred thrusand deliters worth of beenly, but we see a trop for him and finally landed him in job.

"A confidential report of this case was sent to the president of every bank in the country and practically all of them adopted the rule of requiring all customers who left the vault to take their ferve with them. That

rule was being enforced in the Manwander Sulfa of the time the lig robberty cole place there, so the wax impresses askume could hardly have been used a conference in a far made us give up the size that this was as inside job was the far thin the coll person who was in a position to be face that the coll person who had reported theiring the insurance policy mum who had reported theiring the insurance policy for the same as third, the wave and the face of the collection of the same as the face of the same and the same as the face of the same and the same as the same

even if he had been such a damb-bell, he certainly would not have reported it to the bank officials. "At that, we put the poor gay through the third degree and checked up on his private life and the

get anything on hun.

"Just about this time, five other banks—four in Chi-

and the first time, the current dashed and it can cape and one in Detroit—reported similar robberies and we knew at once that the jobs were being perfiled from the cutride and that we had to deal with one of the eleverest and most dangerous crooks that ever the eleverest and most dangerous crooks that ever

"But surely, you don't suspect me?" I blarted out. Deen grimed and Clarpy Jughed on Boar don "Say, kid," the later checked, "didn't you hear do most dangereen crooks that ever lived? You don't think that picture fits you, do you?" "Oh, I see what you not driving at. You don't think the property of the property of the property of the "Oh, I see what you not driving at. You don't think the property of the "Oh, I see what you are driving at. You don't think the property of pr

Fin cheer enough to be a crook," I said in rejoinder, Charg opened his month for a considead, but Dern cut him afact. "Shut up, Charge, and let me do the saiding." To me be said, "Don't mind him. I'm sure be didn't mean anything by that cruck." Then, with a twindle in has eyn be again addressed his assistant, "You know, Cleave, convenues these collect cuts are marter than

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mean anything by that crask." Here, with a twinste in his cyte, in again addressed his assistant, "You know, Cleary, sometimes these college guys are streater than they look. Remember the D'Autremont case? If it hadn't been for the occurate description of the crooks which a California professor doped out of an old pair of meralls, well sever know cannot those limits.

"But to answer your quertica," he resumed. "Of course we don't suspect you. I don't mind telling you though that we did cheek up ny you—jour so a measure of precaution. But, since you have not been outside of Wirchester for over these mortals, you have an iron-clad abil and a clean bill of beath. The reason we came to you is that you may not provide the property of the property o

I protested: "I'm afraid you have been misinformed, I know a little let about hyper-space, but hardly enough to be called an expert."

"But dain't you invent some kind of Jipper for taking out a man's gizzard without opening him up?"
"You near the Hyper-Process But it won't my invention. I merely helped Professor Banning work out the mechanical denials of his idea. Furthermore,

for removing unattached articles like foreign substance and gall-stones."
"Nevertheless, you may be able to help us. Perhap we are on a wild goose chase, but we lave larred the in tracking crisinals. we can't overlook even the no

in tracking crissians, we can't overnose even use most insignations clow or the most supposable possibility, if you know what I mean.

"Our coming to you was supposted by a newspaper story. In referring to the lack of any satisfactory exchanging of the series of robberies, the reporter said,

dimension."

"All I want to find out from you is whether it would actually be possible for anyone to remove the contents from a safe deposit box without opening the door."

"As easy as shooting fish." I soured tim. "If could

"As easy as shoring fish," I seemed him. "I could do it myself with the Hyper-Forceps." "The hell you could!"

"The hell you could!"
This was from Churcy.
"Excuse me, Mister Clancy," said Dern in a sweet
tone of voice, "but suppose you try keeping your cars
one and your menth shut." Then, turning to me.

ing that with the Hyper-Forceps you could remove the contents of a safe deposit hox without opening the door. World you mind explaining just how this assoishing thing could be done?"

ishing thing could be done?"
"Not at all. Simply by moving it through the fourth dimension. Are you familiar with the fundamental

principles of hyper-space?"
"I'm airied net, shihough I have rend the two maganine stories which you wrote on the subject."
"So did I," the unsuppressible Chancy butted in. "And when I got through reading them, I know a darn sight has then when I started." Both Dern and I got a huge kick out of that, "I'm sorry my stories didn't get over, but perhaps

"I'm sorry my stories didn't get over, but peths I can explain the fourth dimension in simple, even day language—so even Mister Clancy can under stand it."

THIS brought a chuckle from Dern and a great

I from Cherry "Every object we know of has three dissensions," I want on. "We call three dimensions length, with and thickness. For purposes of seasurement, we to rich other, thus". I podeed up my featurant pen air to reich other, thus". I podeed up my featurant pen air we pencils and hold them is my hand to soch a position that they intersected each other at right angles. "Now, if Muster Clappy will foom me one of those long

eigens which he has in his pocket, I'll sittempt to \$15000 you what is meant by the fourth dimension."

Charry gave me a stogic and I placed the end of it at the intersection of the three other objects.

"All I have to do is place this clare so it is at right angles to the pen and the two pacitis, but is not in the

will represent the fourth dimension" "Let's see you do it?" challenged Clancy.

"I clast class that I can do an. One reason why? can't it that subher of class object recens supplier can't it that subher of class object recens supplier one thickness, but only length. However, I can draw a potter showing with a cube would look list it It a potter showing with a cube would look list it It cell with sunjects a transerter of hyper-cube. It is what you'd get it you moved a cube having a volume of one cathe cach lor a distance of one tech in the direction cathe cach lor a distance of one tech in the direction listancies good just all frontir by diversing a pitting of a direct-dimensional transporter glass cales, as it looks from a potal enderly show. "I T patter for a perce of terms a potal enderly show." I "Taylet for a perce of



Four Dissentianel Cabe Types Dissentianel Galaries of Telescorts. Cult of many lates directly

"Of course you understand that this is drawn in purposeive and for this resion is hole comercial ditorted to suppose who is not accustomed to booking as four-dimensional objects. To got the idea, you'll have to use your imagination. The small cube in the course is really exactly the same size as the outer cube. It's accusives similar to the effect you get when you look straight closes on a three-dimensional subsection.

a transparent glass. What you seem to see is a square with a smaller square inside it, and with the commenor of the two squares connected with diagonal lines. Yet spa you know perfectly well that in reality both of the square from our excul in size out the form lines which

You also know that the four figures grouped around the center square, which look like trapezoids, are in

e center square, which look like trapezeds, are tuiltly squares.

"It's exactly the same sort of effect you get from a curre of a tesserice. You'll have to imagine that it

from contenting the corners of the mare rube with the corners of the outer cube are prependicular to all three edges of each of the cubes which they interest. Those lines form the edges of four more cubes, exceptly again in size to each of the other two cubes and grouped around or Mrough them.
"If you'll guest the vanous parts of the tessense,

you'll see that it is bounded by six cubes, twenty-four square faces, thirty-two edges and auxieut corners Simple enough into it? ""
""""" """" a mind" or more of Change

imple enough, ian't it?"
"Simple as mud," grunted Cliency
"You follow me, don't you, Mr. Dern?" I asked the

"Well, I may be a few jumps behind you, but if you'll travel a lattle more slowly and give me time, maybe "Ill catch up with you."
"Let me try smoller line of stack." I necessard.

"One of the best ways to group the possibilities of feardimensional space is to make companions between three-dimensional objects and those having only two dimensions." For instance, suppose I make a two-dimensional "For instance, suppose I make a two-dimensional

giove out of paper. Of course, paper has three dimensors, but the thickness is so small compared to the other two distentions that we may consider the paper to be two-dimensional in character." I picked up a pair of seissors and quickly clipped out a bit of paper starged like a glove. Then I draw on

another sheet, a crude figure of a paper doll with the palm of both hands alrowing.

"You'll notice that this paper glove fits only the right hand of the doll, and no matter how I slide it

replication of the cold, and so matter have I tables it for the first of the cold and the cold a

positions that they would in the other hand.

"Flore's noother comparison. See this rubber hand?
It was our from an old inner tube. Notice that it is rought on the maids and smooth on the conside. Without breaking or injuring it in any way, I can twist this circular band through the third dimension so than now the rough's surface is cashild and the smooth one is

"The same thing can be done with a termis ball,

and vice versa. Do you comprehend what I mean?" "I guess so," Dern hesetated. "Sounds goodey to me," growled Clency.
"As I understand it." I continued, "you are inter-

"That's exactly what I would like to know." ring. To a two-dimensional being or Flathauler, this

of the rene. However, if he happened to get hold of a

"The Hyper-Forceps which Professor Banning and I made is nothing more nor less than a pair of pliers "And where is the Hyper-Forceps now?" Deen de-

The hounted was but a short distance from my hotel, so the three of us walked over to the workshop in which

We had always kept the instrument in a locked

Forcers. I could not believe that either of us had newlected to lock the drawer. With a feeling of dread-Dern examined the lock "H-m-m-m! Test what I

fear-dimensional applesance sounds, it looks as if we

I F anyone had suggested that I was to become an I should have told him he was either drunk or out of

Dern talked me into it He pointed out to me that, since it was now quite argument that the crook, who was perpetrating these seanendous robberies, was using the Hyper-Forceps. and since I was the only available person who knew how the instrument looked and was operated, my assistthey were having were also imparted to me in terms that "The stuff that's been printed in the papers-bad as it sounds-doesn't come within a thousand miles of

describing the real state of affairs." Dera told me, "They wouldn't dore to multiple a tenth of the actual Just think what it means to have the security of all

man might as well out his valuables in an open soon box and leave it on the street, with a 'Helo Yourself' sign on it, as to put them into a safe deposit hox "Did you know that all the insurance companies

the contents of safe denosit vaults without charging "I tell you, the barlers and other financiers are desperate. They have their backy against a wall. It

portant h is, that we catch this crook before he does

with Dorn in every possible way, with the understanding, however, that as soon as Professor Barning re-

In order that I might work in harmony with the rest of the organization. I was delegated to team with Clancy, who was in active charge of the case.

I got along famously. He gradgingly admitted that iuse a shade the better of him, but when it come to skall in tracking the charve criminal to his lair, I couldn't belo handing the solid rold handcuffs to

His method was simple enough. As soon as it was established with reasonable likelihood, that the criminal Hyper-Forceps, it was easy to figure out just how he would operate. His first move would be to rent a box for himself, since that would be the only way he could get inside the vault. He would make frequent visits to the visult until he happened to strike a time when he was all alone. Then, with the aid of the

Hyper-Forcess, he would remove the contents of three which could easily be converted into couls, into his own hox, and carrying the worthless papers away in his pocket. On his first rubbery he had made the mistake

which had been robbed, the next logical step was to obtain from these banks copies of all new signature cards which had been made out between the last time I had seen the Hyper-Forcers and the date the rob-

bery was discovered in each hank.

From this assortment of signatures, it didn't take a handwriting expert long to mick out the cards which had been signed by the same person. Naturally the

had visited, but the tell-tale slant and shape of certain Facsinnie copies of all these signatures were repro-

and Canada, with instructions to winch for signatures rested one of the largest boxes available, which was

It wasn't lone before we picked up a hot seent. We

careless and cocksure that he would never be discovered, that he had even used the same alias as on one Without waiting even to pack a grip, Classy and I

in the afternoon and propediately went to the bank,

a few changes in the scenary. almost elercity opposite the entrance of the wast, and mirrors. Clancy instructed the workmen to install four more mirrors on the portions of the walls not occupied

When this was done he went into the "doctored" booth and looked through each of the peep holes, while I moved from one part of the vault to another. "O. K.," he finally said. "I can see you now, so

matter where you stand, as long as you're inside the counter with a small signal light arranged in such a the light would flush on inside the booth. This was to be our segnal that the suspected person was about to

enter the vault ine. Clancy and I took our positions inside the booth, but it was not until about filteen mirrotes before clos-

The man who accompanied the bank attendant into of about thirty-five. After poing through the customary routine of inserting each of the two keys, out of the compartment, the bank strendard withdrow

and left Mr. Suspect alone in the vault.

vault. Apparently satisfied that he would not be intersupeed, he picked up his box and carried it to his It haroened to be in a front corner, out of sight

Placing his box on the floor, he reached in his breast

He took his box to the table in the center of the vanit and pretended to examine a few papers. In

anyone else was at the counter presuring to enter the

He noticed to indicate that he had understood me WITH both bands, the man manipulated the han-dies of the ustrument until the paws seemed to

melt turbt into the thick seed walls of the vanit. After a few seconds of probing, he withdrew the jaws of Working with nervous haste, he removed the papers

box. Then, by using the Hyper-Porceps again, be finding the space in from of the country still unoccu-

form the same operation on smother box. It was then that Clency rose and remaied for me

"Have you got your gun?" I whispered "Sure, but I won't need it with this bird." It turned Without making a sound, we opened the door and

tiptoed into the vanit, just as the third was removing Clance bid his hand on the crook's shoulder and pronounced the conventional formula: "You're under

The Hyper-Porcens, together with the safe denosit hox, clattered to the floor. With the quickness of a rattlescake, the criminal reached back and grasped Clancy's neck between his classed hands, at the same time bending forward in such a way that he heaved the detective's body over his

Before I could make a move to defend myself, he

crumpled Her a deflated balloon and sunk down on top Though the pain was inightful. I still retained con-

scionsness. I was horrified to see the thief take from his pocket a wicked-looking clasp knife, which stamped open with an opinious click.

He was quite close to me, and he must have thought that I was out of the porture completely, for he was "Go easy, Clancy," I yelled. "If you don't want me

Singular, usn't it, how rapidly one's mind sometimes had caught the robber's hand in its jaws. With equal

Though I had fully ameripeted wint would happen.

waist down, however, he was still in plain sight

"My Gawd!" he gasped "There's nothing left of

"Don't worry," I assured him, "His legs are inside

"You blankety-blank son of a blank!" Clancy swore "No pair of parts can kick me in the shin and get

I felt a tug on the Hyper-Forceps which almost

you want to commit suicide, you'd better quit struggling

He must have heard and understood, because he imfeet tied together with Clancy's suspenders. As soon knife from its grasp. A moment later, we had drawn

lorged. With the aid of these keys, we recovered all The four-dimensional thief is now in the position-

### What Do You Know?

R EADERS of Awazing Spores have frequently consecuted upon the fact that that effect is more actual incodeding to be massed through prophing the paper this from many in testbook. Moreover, most of the stockes are R INAPES or retained about the transmitter content post to the term that there is not about above the retained and the content and the content

- notices. When it the private browning to the private box grades to said deposit visits for securing the con-tention. Go said deposit visits for securing the con-tenion. Get page 104 and 315. Can you give an illustration of the fourth discussion of the fourth discussion of the fourth of the page 105. When the many of the said with time equal ages while the many of the said with time equal ages when the many of the said with time equal ages with the many of the said with time equal ages while the proportion of the said of the sa
- (See pass Inc.)
  What would the drawing of a four dimensional cyle look Ma<sup>2</sup> (See page 102).
  Give tone entemple of "Safe in a two dimensional world and of my Bushations. (See pages 106 and 107). What is a Fhelunder? Describe his limitations
- Name two characteristic and widely differing men-bers of the Mollank family (See case 176.)
- How are the tentacies of the octopes armed? (See
- - ps' (See page 117)
    What is a chromatophore? (See page 142)
    What see the distances of Mars and of the Moon from the earth? (See care 148)

# The OCTOPUS CYCLE by Irvin Lester and Fletcher Pratt



HERE was a long, uneasy swell on the surfact of the Indian Ocean as though someone were gratly recking the floor beautiful it, and a hot, moist wind blew against the face of Walter Weyl, A.B., A.M., B.Sc.,

sagéres Maritimes steamer, wondering whether he glearned white and Mistering against the green background of the Madagascar juntic, bland by the dis-

A.M., B.Sc., would be able to get at the heart of the mysterious occurrences that had brought him there. He saw it again before him, the characteristic Presch

nation so rare of the talent for scientific investigation

you of what we know, tain of the blacks in the

tices. He is, so far as we Thus, when he accused the

tribe to him, of stealing people and eating them, we company of Senegalese to preserve order, they still \* "There is some fear in the island and we are in dan-

ger of losing our grip on the natives, for we cannot at

As you know, Madegesear is a country apart. We

The sun went down suddenly, as it does in the tronics, and the sea was purple darkness all at once.

HERE, opels, is a different overs, a director that was ent

the flare of portboles on the He struggled larily to put a name to the strong of im-

"Ob-o-o-" it went, running off into a stran-

Weyl leaped to bis feet and ran forward; there was



partial deliberator, but overfile the create at fact as a no man. A that was oldered by an order, a hope one set intering duck of the velocity which is notified used to be stated to the first depoint track were no left forward as notify and depointability of being rised all bein adopted when for

AMAZING STORIES

feet behind him. In front was the blackness of the was now piled with a miscellaneous collection of instrubows, out of which energed a panie-stricken man who ments, papers and microscope slides. charged against him, bubbless incoherent French, and West leaned back in his chair with a pirts and lit his bore him to the deck. As he went down he caught a

"Let us see what we have, after all this study," he "Check me if I go wrong, Dooma-Mbobe's Somebody ran past him, the deck leaped into illumiself up to see-nothing. The bows were empty. There the bost that brought me here. In no case was any trace was a habble of conversation:

on the island when anything was found it was always

"What is the trouble?" "Who is there?" "This report," he ruffed the papers, "from one of the There was confusion, stifled by the appearance of the captain, a empercic little man in a blue cost and a into a tree by a hare block rope, but when he rushed

to the tree be could see nothing. It was lete in the A log Basque, obviously pasic-stricken and with roll-ing eyes, was shoved into the light. "Tell us the reason responsible for the disoppositions, they would at least

"Therefore, I consider that the disappearance of "Ferentini and I," he gasped, "we were talking, so. in the how. One, two big arms, like a gorilla, seize him

guese, although he is self in jul, should be accurried." "Assassin" said the captain briefly, "Confess that

"But I am sure it was nothing supercentural. I saw "No. no. He was taken. I swear it. By the Holy something on that boot, Duperret, and the Sentralese saw something. Moreover, there is Durasse's knife.

Novon. There will be an investigation. Take his lesife. away from him " "His knife is some monstern," said one of the sea-

men who had stepped forward to take charge of the yellow, and the liquid in which they flost is sumfar to "Without doubt, he stabled the other. Put him in

story is true," he offered, "I think I saw somethme Weyl went on without paying any attention to an informidable one. It killed Ferentiti in a few seconds.

commandant of the vessel," remarked the curentic can-It dragged a powerful Seneralese, who was provided tain, with the utmost courtesy. "There will be an investigation. If the man is innocent it will do blee our harm to spend a night in the lasarette." And arain he "In both cases, the attack came from above, and I Duratished, but realizing that he could do nothing,

am inclined to think, since we were attacked some dis-

ably wings. This would make a bird of it, which is impossible because of the blood; therefore, making the whole thing aboutd . . . But in any case, the hunt for this aritral, or snimals, for there may be more than there dripped slowly from it a nale, specials clearings; one, will be a dangerous business.

liquid, totally unlike human blood. With this bit of "All is decided then?" asked Duperret. "Very well evidence in his hand, he started thoughtfully for his let us depart. I am eager for action, my friend." And he stood up, stretching his muscular frame toward the

WO days later the friends sat under the ciant "Done," said Weyl. mimora, in whose shade Raoul Duperret had He rose, "You have some influence with the military

turnoss, in whose on the height overlooking authorities, you of the civil arm? If the matter were Andanamariyo. A table had been dragged outdoors and put to the commandant in the proper way, do you reenpage we could get an escort? I need not conceal from you shot this hip-cume hant is likely to be a serious business. Any animal that devours live men . . ." "The commandant and I were at St. Cyr together," recited Dunerret. "He will doubtless appoint a lieuterests and a demi-company of African chapseurs to

WEEK later found them with a dapper French investigation out tents and canned French sausage by a dank, slow stream a few miles out of Fort Danphin. Around them by or squatted a perspiring group of black soldiers in the uniform of the Chameura d'Afrague, while round them again, further from the

were the guides lent by Diouma-Mbobo, ulent and

looking for and where to find it," he said to Deperret that evening, "but here we are three days out, with our

labor for our pains. Hurting for one suited in this a "Yea, and I'm afraid for the guides," the French-Night found them as reatless as the guides. Weyl

woke to a sense of something impending, looked out and

"Nerves kurp you awake, too?" said Weyl. "I've

"I have a premonition. Also, I hear something unusual. You hear that strange whintling? No, you would not You are not used to jumple noises. To me

it is very much to notice Something . . ." and he

tion. "Shall we rouse the solthers " he questioned

"But I am thinking we will not need to march. However " Rocal was about to dismiss his feeling as a In an instant he was on his foot, almost tearing the

tent from its pegs, a half ery escaping his lops that

Three four half a dozen snakelike arms, presterijeus in the moonlight, howeved for an instant over the

the tree. Something dropped with a creah of leaves; a vertable chorus of whistlenes and switchings rose around the camp, and in the texts and along the sentry "Oni pine?" "Aux armes?" and the thick note of a hastily blown hugle as its owner was roused from skeep shouted the American, "It's here! The mechine can!"

bends of two sentries who had met at the edge of the

trees, and before they had comprehended their dancer.

before they could be warned, they were gripped, lifted

from their feet and their cries stifled before they

and, pistol in hand, in his alcoying garments, he dished He signed up. A sublised rustling stave no clue to its source, nothing to shoot at, but out of the tail of ferms, and the peculiar winotling again became audible. He turned, and was suddenly consclous of an insure

elishebet in his senses. When he was resembled noths high on shithire, but orcheosic arms, while at the point rhythmically as the thing emitted that singular, highonched whistle. There was something unspealably leathorne, some touch reminiscent of petrefaction and

An. arm, fike a hure snake, lifted from the ground and seeing agulessly about under the leaves. Abruptly, their clumy form and lizebing uneven morescent, becan to advance toward him with a rampled that we'll

Weyl awoke to the necessity of flight. He raced back toward the camp, where Lieutenant Dobose, aroused by the shots and eries, and aware that semething was impending, had formed the Senegalese in a rough,

slanting angle of a line, the men facing the jungle, while behind them Disuma-Mbobo's untiver erouched The American turned as he reached the line Be-

hind him, into the eleaning, with an old semblance of order, came a half-dozen, a dozen, twenty of those terrible umbrelly-like shapes, moving deliberately, but covermy the ground as fast so a man runs.

A shot was followed by an order, a busie note, and the irritating crash of the volley, which shaded into the rattling drum of the mechine suns. When his even again became used to the dark after the flome of the rifles. Weyl saw that the giant, shapeless beasts were

Another volley collapsed into a francic and spasmodic

burst of firing, as no effect was visible on the belowes shapes that came on swiftly,

Weyl aimed his revolver carefully at one hobbing head, and the shot was drowned in a creating chorus of fire, the beast came right on. He was dimit conscious figures of horror in the green moonlight, huge and impregnable, towering over the lattle group of humans One man, half unsidened, even ran forward, waving "Does your fort boast a typost?" he asked. "Lieu-

men threw away their rifles, when suddenly, right at

chorus of whistling and they moved beckward, anparently without turning, as rapidly and silently as they had come . . .

A feeble cheer rose from the Senegalese, a ciseer that was referred instantly, for a glance revealed that hall

Weyl was aware that he had been clicking an empty pilitol, that his throat was dry, that Dunerret sar at his

Out in the clearing before them was no sign that men had battled for their lives, save one unly, louthwene shape, that sprawled on the ground and twijthed feebly

### CHAPTER IV

THE survivors of that unbelievable, one-sided butfive days later. One trien was violently insane, tightly bound, and so for the rest, it seemed that only remnants of sourcy remained. The emotional blacks

pany of Chasseurs who marched out with drum and bugle only a fortnight before West begged off from an immediate report to the

West woke wastly refreshed, and with the borror that had been drugging at his mind relieved, though

An stem in one of them caught his eye, and caused him to set up in his chair with a whose of low, that brought a scandalized glance from Major Larivet, the

The item, in had French, was a translation from the ted English of a New York powicener telling of

horrible bulby umbrellas that kept coming closer, dim West's departure for Madagascur. It was filled with the exalted pseudo-science of which pewsonners are fond and contained much ingeniously statchy biographi-

> my report on it through the newsponers." "Monsieur," and Major Larivet, gravely, "he died

an hour ago by my rade. I know nothing but that I "So . . . " said Weyl, "All the more reason I should easke my report in writing. I need not conceal from

elts not morely Fort Dauphin and Madaguscar, but the There was incredulity on the major's face, but he

Beginning his report with scientific exactionds, Weyl

... For hours after the attack," he wrote, "we were unable to get anything like control out of the

speakably leathsome 'Umbrella Beasts' would have "We could not hope to escape by an humediste duch

would have every advantage in that jungle, where we would have been instantly swept into the trees by their "Fortunately, these hideous mensure appeared to

set alight, and we haddled in the center of the blazing

we could hear them whistling in the trees, "Our situation was bad. The supply of wood was

"Our rifles were useless, and to make a sudden droh

"I thought I had it when I remembered that no barbarian, beast or insect, would tolerate easter oil. Desperate as was our situation, the idea of escaping a deathly and borrible death by means of that hemsily remoty made me want to hingh hyserically. I recomber Depercet workfully me trying to smother the trips, looking querily at me, quate diviscusly doubtful of my mental balance. His speculitive and statistical glarce added to the absurdity of the thing, and if abrasal leat my self-centrical. I realized we were all on the otice

"The iden had, of course, to be discarded. We had casses cill arroun our method asophes, but barely enough to discourage the mysets of the tropical jungle; certainly not enough to snear ourselves from head to fee to been off them some tropical place areas to the control of th

foot to keep off t from all sides.

"The solution we fat upon faully may not have been the best, but it was rimple, and the many another, do not occur to utilitie we recreatly to give up in despair. Duperrett, Dubose and I had sport the order for it will of our seger discussing and repening ways and means, and we had just about decided inthe the only thing to do was to make a concerted dath into the jungle, drileng into the rose, and trusting to lack and middley to carry as abrough, when the firsteement started as with a walded togs, and showed a sense.

"We feared for his sanity as morely we watched him duchuse about furiessly from soot to soot in the

and throwing them on the fire.
"When, however, a done cloud of thick, choking,
black smoke rolled up, and whose Duboes turned to us
with a trimsplant light in his face, we understood
theily when his idea was, and in a freency of relief seyword of us donesed feedable in a winter shout the fire

"In a count that indicate, we decided that carr at-"In a counted that followed, we decided that carr attempt to except but better be made during the day, since we had all macked that there was less activity among our bestigers during the hours objectively, among our bestigers during the hours objectively, there we make the significant of the significant of the counterparts to a significant of the counterparts of the least of the counterparts of the

beauty, evolutely fearful of the fire, remodered in their reces all that night, and though they continued to whistle about us. (This seems their sole mode of communication) there seemed to be less substitting from the side to which our monitor driftted. This assured us that our literatement's plan would work.

"At down, hearing our mandeling flumbeauty, we set

"At case, boaring our ancern, influence, we asked they were carded. To prevent the parie that appeared limiting the men, Dubose threatened to short down non-who left the formation, and to insure obedies only Duperret, he and myself were allowed to re-conduction.

"As we neared the trees, there was crowding among the men, but a few sharp words brought them to their senant. We halted just at the edge of the cleaning, and Duperret and 3 leading the shavering company, threw our branches down under the trees and piled more wood on to make a little blaze. There was a discernible com-

a motion in the foliage above us, but we could see middle see: When the mean subside, we retrieved in a himdred yards or us, and basif another fire.

"This scheme was reserved to as intervals all along you mirrob. Progress was necessarily above. As some chirk specks where the jumgle wook take, it was nextsary to proceed in narrow fice, said these were the most chargerown, not only because of the Unitedial Busin's

chrigeross, not only because of the 'Unitedla Beasts' but also because of the fright and impalitone of the note.

"It was in one of these places that a casualty ocured. One of the chaosens suddenly broke from

the am and riss, shrining multy, to were his torch at a viruous growth hanging from a tree, which he must have taken for a tentate of one of the beasts. He stambold, his torch flying from his hand as he fall. His druger then exploinly degraved him of what senses he had remanuing, for, regining his feet, he riss, not lack into the like but deeper into the parigh. We beard a strangick or just a few moreout. This was all. Noce of in direct to leave the company to kring him hads, "Another throw, a mass west raving read, and mode a

"Another time, a man went raving med, and mode a volent stutt on Deboue. Before he could be caught, he stabled that heave man twice in the breast. "Now, as to the armals which attacked us. I had one before one for some skirty hours, threagh with hittle opportunity to examine and none at all to dissect it.

My observations, though somewhat sounty, lead me to st the conclusions that we are dealing with a hitherto unknown number of the great mollisal; family. The famity introdes the octopus and opster, orither with red blood, and it moughts rurely coloriess final that purched about the blood of the beast that attacked the sligh-"The beast that was followed at the corn had a larger

tacles at least fifteen feet as freigh and correspondingly powerful. A protective covering of childs appears to have been diversipped, and due to the lade of any internal slockton and the fact that the russeless must base on it, this protective covering to as body as of a thickness and strongth sufficient to be quite impervious to ride builds. The now we latted had neverted a fuller fall in the ex-

g which possed through suto its brain.
"It is this brain that offers the most remarkable feature of these creatures. A brief investigation shows me
that their brains are certainly larger than those of any
animals except the big ages, and probably as large as

to those of the lower races of man. This argues an inreligence extremely high, and makes them more than ever deagerous, since they can evidently plan acts and t execute them in concert.

"They have eight tentseular arms, covered on the illower site with the must corbalogod true of suckers.

mover size with the notal expectations, by the center of each staker being occupied, as in series e, e, epicles of octories, by is small, sharp claw. The thickness, and therefore the muscular strength of these arms, is encomors. It is no wonder men proved untrely powerless against them.

is encorous. It is no wonder men proved utterly
g powerless against them
"I am unable to say anything about either their
method of brazeling or what derice they have arrived ar
for broathing sir; probably some protective covering
the control of the control of the crawfair, radian-

ing well to the dark and located divertly in from of the large brain. The mouth coasiets of a huge beak, razoredged. There are no teeth. Add this formidable heak to their cotosordinary powers of swimming, their swift progress on hand, their gant strength and their great

"There is nothing whatever to prevent these arimals

As he wrote. Weyl's mind was again filled with the octopuses triumphantly paroding the streets, breaking families cowering its corners, powerless against the inmore powerful than rifles, would offer a brief resist-

AJOR LARIVET was inclined to electricism over Weyl's report. In a brusque, but kindly way, he had suggested that it be delayed, ". . . till you have had time to think it over. Perhaps. when the effect of your experience has-sh-worn

West gozed at him in autonishment at this sugges-Meanwhile, there was nothing to do but wait till the

The octopuses, as Weyl called them, had confined expedition but now, acting apparently upon a well-

Three days after the return of the expedition, a

forms thermelves no less helpless on the water, the only news of the dreadful event coming from some pative

Alarms of panic proportions serend tike wildfer among the Malagasy, and in a stream that become a

Daily the reports of depredations showed that the ectorus terror was spreading and comite pourer, and Major Larivet found himself faced with the problem

The clurex came with the arrival of four men, or rather, shadows of men, who habbled thes they were the but of the great trabe of the Topicov. Furthers to array against their antagonists. The result had been torn to nicces before their eyes, and the women and

It was while themes were in this state that the limbs

like lead when he and Duperret opened journal after West's plinase, "Umbrella Beasts," had been select their tongues and soun off their nens to tackle the rate

usual spirit of the papers was that of the French wit And the cartoons . . . ! Weyl looked up from the papers to meet Daperret's

plance. There were actual tears in the Frenchman's "It scome to be up to us," said Weyl, after a mo-

spent for materials to fight this thing.

Of long after cayee-by a confused shouling roused from his skep by a confused shouling under the window. Heavying into his clothes, under the window. State wall box wallowing crasity off the jagged rocks that guarded the extrance to the barbor, her funnels offers and smokeless. Wittile ten minutes she was right among the breakers, pounding issued from the natives who had seen the octoposes

It was late in the afternoon before he could secure iound what he had feared. There was no one on board-only a blood-stain here and there.

Larivet, with a gleam in his eyes at being at last fives" into position. Duperret and West watched

An octopus staggered, stumbled with wildly flailing arms and flopped merily to the ground.

Crash! The bright flames from the two guns

of the numeters were to oblive They were not

invulnerable, then! There was a ray of hope!

moved to the other side of town. Meanwhile we can

Reproduction of a photograph of a glass octors. The width Cheb making eight in Lietz and Sereki tertuales, goes it to make. "Far

do nothing but wait till someone comes to help us."
"Or mani we go to them," from Weyl.
Duperret paled slightly, and stood up. "I offer myself as a messenger," be said, "I will take a dhow out.
If I am attacked, will, I know where to shoot them—

If I am attracted, well, I know where to shoot then in the eyes. I—"
"No, Rand, no," said Weyl, "let me try it. world be simply—"

With the was interrupted. A native servant entered excitedly,
"Tim one prece boat in town," said the black. "White

"Him one prece boot in town," said the black. "White man comes."
"Boat? White man?" queried Larivet, puzzled. A cherry wice in the doorway answered lam, "I say, is

cheery voice in the doorway answered him, "I say, is suppliedly here?" in said, and in marched an extraordimery figure of a man. A large sign seying "Englishman" could not have

stamped has rice more effectively than his expression of cherrial vapidity. His clothes were what, is, a pulorally clean, and measurably pressed, and ut one hand he hore what looked like a small fire-extinguisher. He extended the other toward Weyf. "You're Weyl area!" was?" he said, "Mulerave's

my name; Heary Seaton Mulgrave. Earl of Mulgrave and Pembrole, and all that rot. At your sertice."

"Of course I remember," said Weyl condisily, "You

benefit of Larivet, "to present the Earl of Mulgreore of the most distinguished of living scientists." There were hows, a drink offered and accepted, a

ensured and

ERIOUSIV, though, y'axoo," Melgrees and a later fathers for the source of the world have pured the rest of the world in thirdung you concentrate—"balley, doping your excellent reputation. But I needed a crusic anyway, and cause on the charact there was secondaring in it, yet of a popting westure, dy'soo?

was secretizing in it; sort of a sporting venture, dy'soe? It did seem quite a builty cooked-up nort of mean, the way those portrain played it up, y'know."

"Very's mod of twisterstanding was followed by an inquiring look at the queer contrevance the Englishman

had placed in the coner.
"Plannacowerler," Mulgrave answered the silent query. "Germans used 'em in the war. Superior bit of trightfulness. Shoots out fire. And really quite effective, even accuracy your bally occusions. I nource

"But," Weyl exclaimed, "you can't possibly—"
"Oh, yes, I have," Maigrave amide. "The enddy
mirrais hadn't the decease to with for a proper introduction, and paid us a visit on the Meegans—my yearle,
y'know—just outside the harbor. I fancy when we
see through with them they were rather-sorohed

least we have a means of wijeng them out. Bot here's the difficulty, I will take yaws, killing them off on hy one, as we'll have to do with your pump gan. I tell you, they index the whole island, thousands of 'on. They're increasing, and multiplying faster than we could possibly till them off. Thur's the only way? one explain this recent outbeath. They were few energing in minder, before this, to Areas in obsourity except as

didn't mind putting the Flammenwerfer to work against them. We've got what's left of one stretched out on the deck. Others get away."

Weyl breathed a sigh of rebet and thankfulness that

"Well then, part of our hurrible problem scens to be solved, thanks to your foresight, Mujerays, At

con explain this recent outleach. They were few enough in minder, before this, to Areas in obsourity except in instance districts, and known only to ignoran and superior and wary. "If they keep — well, they'll need to whole globe. And this means only one thing; may will have to get off it to make norm for them. They're powerful county, and intelligent enough, to have their own way about in, too. Don't detect it. Unites—"

though the did not seem to underestimate the dealing. "Ill finish that its extense to prior, Weyl, although PII shinish that is thing see a bit worre than I had through BII shinish things see a bit worre than I had through BII mornishing, let's bales over our resources, and try to find out a like more about the returns of the leven we're up apainst, The post-correction of that learned the we're up apainst, The post-correction of the learned by decreased viscote on the Morganit's deck cought to sell its searching of this weak points. Do you want to go out

goas, the three som regarded the underst sky in a mondy and dispersed direct. There discents or the economic states of the company and the company and the company and the company of the measuring latter, saw a confirmation of Weyl's hypothesis that their beathing, while of tail, we concluded by means of the same gills which tempted them with oxygen in the water, protected, like the lobster is, by a covering of children of the company of the confirmation of the Mallerweit child reason of the deck. "Well, 18%"

get back ashore," he said. "Can't do say more now I fancy, unless skey decide to stage a party for us this evening."

"It comes down to this, then," said Weyl, continuing the conventions which had been abandoned with the

end of their austonical researches. "Fire, or some land of gens heavier than the cedinary service rifle, are the only things that will do any particular good." "Have you thought of gas, my friend?" aslied Dameres.

"Have you thought of gas, my friend" aslied Duperent "Huh," answered Weyl shortly, "Airplanes? Chemicals? And what about all the near on the island—for we should have to cover it all with gas to be of any use." "The time is rather short, too, I faney," elimped.

Mulgrave. "How long will provisions last?"
"Not long," agreed Daperret, mondily. "A week, or perhaps a little more."
"Then, within soven days, or at the most ten, we

most concert a plus and not it into force-a plus that will wine one God knows how many of these mearthly enemies of the earth. It must be extermination, too, for if one pair were left to breed . . . I'm more than half convinced that the thing is hopeless. Yet I don't like to show the white flag. These are, after all, only

"But my friend, you forget the force of mere numpower us, guns and all, from mere lack of time to full them as fast as they came on. Comparative values, as

of man and beast, are integraficant." "There's only one chance," he said. "If we could find some way to attack them in the water-they must

Another octopus attack on the little fort had met with a bloody repulse, and a score of the great hodies lay at the coire of the tunels in varying starcs

"As a last resort," Departer was saying, "there is the open ses and Mulgrave's wacht." "Why, as for that," Weyl answered, "it wouldn't

Major Larivet, "and there is the time for the news to

"Yes," Duperret agrood, "I know these officials. and endorsed by the proper department head.

"Which means," Weyl continued, "that we have about of Mulmave puffing at his pipe. It was ended by a

During that wight the great octopuses twice fought their way down to the fort, and twice were repulsed, moned than the first, only ended when Mularaye, called

Larivet, Dunceret, and Weyl, worn with lack of sleep,

kept viail by the little counterscarp, listening to the innumerable whittings and rustlings so near to them, while the soldiers and notives, visibly shaken, were difficult to keep in line. When evening came, it seemed as though the octo-

sloop was nearly immossible, and as soon as the sun The first attack came half an hour later. It was a

of the attackers ranging all the way from three to fifteen Immuse to fear, the fiving octopuses came right on.

dealt first one and then the other meetal stales. Weyl

of the innule, stabling their way. Ifke the others, with

I ULGRAVE'S wearied crew had gone abourd their stop, and the whose men, refreshed by a few hours' steep and a bath, were discussing claring, "that they have certain periods when they must wet their gill-plantes again, and hat night's disturbance tuck them at such a time-

# DR. BRITTLESTONES METHOD by Samuel M. Sargent Jr.

Author of "The Telepathic Pick-Un"



HEN Dr. Are Brittlestone came through tlestone was an inch or two above six feet tlestone was sh men of the framed. His in height, big boned, and big framed. His man. This structure carried a maximum of flesh, and a maintain of fat. He weighed over two hundred

ernicily constructed man from his huge feet to his coarse, black hair, and there was a common strain in tion, his advent to a society that was above him, and the better environment that success had given him

seens fame, a fame that had never waned, and that come under his care were only too ready to speak a good word for the sanatorium. He catered to the essimilation a place in so-

ture. He was known in his

never saw a man who

in a smile. He came to a pause, close before me, and

Content that this was introduction enough, and evidently certain that his pame was a familiar one to

me, he thrust forth a hand that much ercorning had failed to make attractive. After a moment of hesitation, I shook hands with him, invited him to be scated, was the only time that I ever saw him without the clock of cultivated, warthful directly that had almost become a part of him. Perhaps his lapse into a coarse opinion of him, and overshadowed here impressions

have devoted to my practice. Thereafter he rambled

an excellent murder mood.

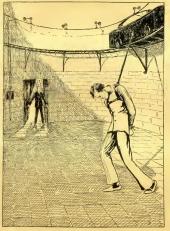
reconciled me to the lost time, and prevented my brusquely terminating the interview. The recredents of him, his huge bulk, and the stark coarseness of of the pubil. His carefully trimmed, black Vandyke beard was thin so that the outlines of his chin shawed Brittlestone, as he talked along, was studying me,

too. I had the feeling that from their flesh hurrown those dell-lit eyes were reaching out, taking every LI ERE is another story by Sevent M. Sergent, Sr., who

Whether impressed with

came obviously embarrassed. Abruntly he was proposition in mind." He hesitated. "It-well, is

time perhaps. Perhaps I'll be in, and see you sometime seem soon." He stood hesitsusly a moment, sounce about to add



Then I stand is assummant. A men, hepping of stap, we desting the num. Bit hards were smeaded behind size. He was apparently were sain, and see an expens expense in sain, and see an expense in the sain and work despite, a bit of the sain and with the sain and with despite. I have the sain and the sain a

haffled and comous at his visit. Then other matters sweet away speculation on the incident. It came to my mand several days later, when I was called upon to treat one of my oldest, and certainly wealthiest, patients, James Hart, the nuclear, Mr.

to a samstorium, but without effect. He had never been inclined to accept advice. Indeed, he had forgod through to his great monetary success on his quality of floating it. But whereas in the financial world be

HAD a call from the Hart home I found Hart note to his voice.

Although Hart's social sphere was removed from

"Helin, Tem," he said, "It's got me down good this time. Some old trouble. I'm airsud the Lord didu't give me a very good stomach." all right, or would be if you gave it any chance at all.

A couple of months at a sanatorium would set you re-

"Well, if you don't go-I'm afraid you'll be a pretty sick man, Jim He considered a moment

"That's what Doc Brittlestone said," he returned a friend of yours. Tom Fine men, isn't he? I only met him a week ago, but we're good friends already I was sick, you know. He agrees that unless I go to I come to his place. That's one reason I called you

"To the best of my knowledge, it is all right, if you wish to go there," I replied, a trifle stilly. "I have often enough-that I always advise East Lake Senatorium. I've recommended it for years, and have never every respect. I still advise it to you, Jim But if you prefer Dr. Brittlestone's, why, as I said I know nothing against it. But the grain thing, man, is to so

to one of them immediately. I'll guarantee that a couple of months will work wonders with you." Hart shifted his postion, and laid his head back "Well. I'll sleep on it. In the morning, I'll make

airmentotate to go to out of them." Content with this promise, I left. I was somewhat

chaguned at Hart's having accepted the services of another physician, even though it had been only in a "friendly" was. White he naturally had the right to

any synotorium he desired, still my long connection with him as family physician and friend gave no. I felt, a right to more consideration than I had been

Toward Brittlestone I felt an increasing dishke, Ho no doubt that he had deliberately cultivated Harr's wealthy patient for his senstorium. I remembered has strange call upon me, and wondered what connection it might have with Hart. Possibly Brittlestone had own sunatonum, but had felt at a loss how to open

to say office The next morning I received a message from Hart displeasure I felt at his choice was displaced by satis-

letters from him, each cheerier than the one necedime Four months after he had entered Happy Lane, 1

at most. I am feeling better than I have for ten more interested in them than in the paying pa-

to do so as soon as he has money coough. Then be may build another place for paying cases. He tude to him for saving me-and he assures me I him and like him for his poble cualities.

The samporium is situated in a paradise. The scenery itself is an incentive to health and happiIt was a lang madding Micro, with a correletion of the weak of the control of the

WAS totally unprepared for the shock of the letter I received ten days later:

ubly even a quack and scoundred.

Probably you septend use to be brow by this time. But I have unificed a suitable to health. The day before yestenday when I neer, I fall the vartice of the probable of the probable of the probable that day I felt as mid-a shough I felt sever stripped than ever, a much as that I returned to extigated than ever, a much as that I returned to wisking ones or town—but that morning I am no better. It is nothing serous according to Dr. Bruttsteam. He says that I have austo information.

opmen, as I think Dr. Erithfestore is mutthen in his disposits, and that I may be table; some virilent disposit, and that I may be table; some virilent disposit, and that I may be table; with the p. I should be table; the control of sterning and ideal to mility you be interest, as the telephone here is one of outer. But I thought I would write you myself to be suce you would come. I wan having Brand sault thus, as Dr. Bratishous, has telebidown many for days. He face that any excitement or exerting world the huminful. I here you will come exerting world the huminful. I here you will come

Harr's letter alirened me greatly. Such a endden fassitude is often the prodrame of some serious discost. At Brittlestone's disemposis I scoffed. At best

started immediately for Happy Lane.

It is a good sixty mile drive, and I was the better

past of the day reaching the influencemain town of Hariamile. But a two boar club up a using measure one and brought me to Harpy Lane Sentatelum, huge, towards and the control of the control of the towards and the control of the control of the was a high and correct tors force. Within, the bridding was entirely of white the with spaces, gleaning liable that carried the very attoorping of the control of the control of the control part of santation. But, as is all things Bruttelium of the thing the control of the control of the day that the control of the day of the control of the control of the control of the santation.

species, gearing balls that cerves the very strootpinger of sandarium. But, as an all fraings Directional phase of the sandarium and the sandarium and the shift than a factor research battle. White is learned to have a hard, actic on the econological system. Markmore bandeau learned and the sandarium and the more bandeau learned and the sandarium and the sandarium and the sandarium and the sandarium and sandarium and the sandarium and sandarium and the s

niter analysis that states were allowed only upon the random that when the states of the returned to her week. This reception inconsed me greatly, masurach as she had not yet learned my object in calling, and since my medicine cone mee have seld her that I was a plynikint.

"This is a professional visit," I soid with severity.

"Oh, that is different," the returned. She person!
"When do you wish to see?"
"Mr. Hart. Will you keally direct me to his room?"
"You will have to see Dr. Brittlestone first. He is
in his laboratory. Room 105. I will show you to it."

At that moreous, Britisitone appeared in the deorway. Upon seeing use, he started slightly, and a fleeting took of what might have been about, or annoyance, crossed has face. Then he advanced amilingly. "Well, dector," he said. "This is indeed a surprise I had health expected you so soon. You received my

message, then P
Recalling that Hare had sent his letter surreptitiously,
I rodded:
"Yes. Naturally I came at once. Have you any

though as to the cruse of Mr. Hart's relape?"
Britistone seemed gouphsted for a memoria. He studied me startyly.
"I must confers, no," he returned slowly. "How-

Of course. I respected immediately than he had had as an east outlet for his discrettors, and his re I found be might have developed some indepental disease. But I here glove that he is perfectly seend So I am forced to believe that he is perfectly seend. So I am forced to believe that he is offering from over-ferries in Had of nather coverable, too, determ Against any whole look may be covered to the coverable to the coverable

deprecatively, "he is a rather difficult man to oppose.

Cerne, and I will take you to him"

Apparently periently friendly, Brittlestone chatted
away as he led me down the wide, white hall. I gained
the desided increasion that he way nother usuated nor

I kway as he led no down the wade, while hall. I guind the decided impression that he was neither puzzled nor absenced over Hart, that he regarded his affinent as the samutorrem, which he promised to show to me as soon as I had seen Hart. Before the open door of a

There was a wearings to his face that was already

"What-what-" began Brittlestone in an excited voice. "Is he-" "He is dead." I returned, facing him with on infirmation that was perhaps not justified. "Where is

"Why-" Brittlestone stropped to the bedside, and

he must be around. I'll find him." He left the room hurrically. His odd behavior and

Brand, Hart's secretary-hower. In the meantone I clue as to the cause of his death. As Brittlestone and corpse. I had found it dotted with the marks of a hypoderwise needle. With a brief ned to Brand, I minted these out to Brittlestone

"Was morehine administered to the potient with your anaction, doctor?" "Why, yes," returned Brittlestone hastily, "He was

unable to sleep at night. I was forced to give him a "I was not aware of that," I said, garing sternly at the physician. "Nor did you mention it to me, doctor.

B RITTLESTONE licked his hips nervously. "I had failed to mention it because I thought you understood Mr Hart's condition thoroughly. He

I razed thoughtfully at Brittlestone, and he avoided my glance. I realized, of course, that he had lied. It

make no attempt to determine what was wrong? Do addiet of him, for you admit that you administered

forward, and examined the dead man's arm. "I adestrictered it to him but three times."

"The nurse?" I asked. "Where is she?" "Why." Routlestone hearated. "She left vestershy That is, the one who has been in attendance the last month. I granted her a two meeths' waration. The new one—she is around somewhere. Shell I call her?"
"No. She would be of no aid." I replied. That there was something seriously wrong was evideat. But each moment I became more puzzled. Brit-

to susteet him of crimmal artivity, and even murder It left me sturned for a moment, the possibility that distely. For if it was murder, what motive could there be? A physician does not kill his patients. Yet Hart's suffered interes pain, while in his letter to me be bad

attendance on Hart.

Bettitestone's confusion concerning the hypodermac marks was suspecious. Also thought I, he had lied about them. But his actons much and dismay when I was in an absolute quandary. The thought came that it might be suicide. Perhaps Brutilestone had told gain the door. But he had not died from mornhine. And there were nine more marks on the arm then Brittlestone admitted. Perhaps Hart had bribed the nurse for the additionful doses. Still, what was it that

that he might have committed suicide by injecting an air bubble into his blood stream, though this, of course, the not explain his lassitude. I faced my companions. a doobt that will restrict an inquest. Will you kindly

must have bribed his nurse for added amounts of mor-

With this formal speech, he left the room. I took secretary. Brand saformed me that he had been with

you know od? Any serious enough to have preyed on

his minda "No indeed, doctor. In fact, he was more free of entanglements than he had been at any time I hundled his affairs. There was not even a lewsuit pending "You had noticed no charge in him mentally?"

odd."

"And that?"

his cetate to this samptotium. But it was because of Dr. Brittlestone was working wonders both with his

WAS too overwhelmed for speech. Without a word to Brand, I stepped into the long hallway of that Hart had been the victim of an internally clever die a "matural death," a death due to some mysterious substance—some porson unterly unknown. I thought anyself in a well-appointed laboratory, replate with one, methodical, weary, unwarying. It came from the several moments. The person in that room was step-

fastened to a motor on a high track on the wall. Evi-I leaned forward, and removed the street from his

shoulders. With a moun, he collapsed into my arms-Brand Without a word, Brittlestone steeped back,

holdme a revolver. His face was red, and he was breathene heavily. "What's all this, doctor?" he panted. "Dr. Brittle-

had a time petting the gun. Then be jumped through the window. I guess he's killed. He's lying out there

cleared up the mystery of Hart's death. Hart had in-

there to the paramous end he did. He had long studied in preparing a scrum containing muscle fatigue staffs. or rather. I cathered from his notes, the actual poisouous principle that induces fatigue. Among his memo-

"I have now given a rapid glance at the toxic subfatigued; when their amount posses the physiological new. The physiologists, Pfluger, Preyer, and Zunte

tlestone had gone faither than the isolation of his learned to synthesize the posson from organic sub-

slammed the door, and looked it. I heard a mumble victed as accretiolices, and soutenced to life imprisonof voices, a scuffing sound, and the crush of glass. A toest.

# The THOUSAND AND SECOND TALE OF SCHEHER AZADE by Edgar Allan Poe

Author of "The Facts in the Case of M. Valdemar," etc.

(VING had occasion, lately, in the course of some Commital investigation, to comain a Pridensory a Indispersory, a work, which (she the Zolare of Stenen Jockades); is considered by the price of the pr

American—d we except, perhaps, the author of "Cuntodities of Aueroran Literature",—basing I controlled by the Controlled Controlle

statine. Ter full information on this interesting tope. I must refer this imposters reader to the "Likasonne" most" reselve the imposters reader to the "Likasonne" most" as a stimmary of what I three descovered. He will be enterobared that, in the usual werdom of It will be enterobared that, in the usual werdom of the tiles, a certain instanch, having good cause to the jeakous of his queen, not only pasts her to doubt, how makes a vow, by his beard and the peoples, to espoase

deliver her up to the executioner
Having fulfilled this yow for many years to the let-

for namy years to the letter, and with a religious pranctuality and method that conferred great credit upon him as a min of devoit feelings and excellent sease, he was interrupted one afternoon (no doubt at his prayers) by a year from his

Her name was Scheherande, and her idea was, that he would either redeem the land from the depoyelating tex upon its heasty, or persh, after the approved askins of all heroiner, in the otternyt. Accordingly, and although we do not find it to be applyent (which makes the sacrifice atore meritorious)

kap-year (which makes the carrière store meritorious), the departs her father, the grand vizier, to make an effect to the lang of her hand. This hand the king captriy accept—he had intended to take if at all events, and had put off the matter from day to day, only through fear of the vizier—has, in accepting at now, in rivers all carries were desirately to movestated the

out design of giving up one lost of his vow or of his privileges. When, therefore, the fair Schaherausz assisted upon marrying the fring, and did actually marhim despite, her futher's excellent notice not not oxystang of the kind-when she would and tild marlary, I say, will fail I, in now with her beautiful blacyes no thoroughly open as the nature of the case woulalling.

or It seems, however, that this polick damed (who had been eaching Machanel), keyand doubly had as every ingresses likely left in her misd. On the night of the welding, the contrived, upon I longer what the seems of the see

the structure to water him, I say although, on account managed to awarden him, I say although, on account managed to awarden him, I say although, on account of a start of the structure of a stary (abuse of a stary) and the stary (abuse of a stary) and the stary (abuse of a stary) and the stary of a stary (abuse of a stary) and the stary of a stary (abuse of a stary) and the stary of a stary (abuse of stary) and the stary of a stary of a stary (abuse of stary) and the stary of a s

MILITY we existe the this way are under using the property of the control of the

stery to say, even over his sound refigious principles, andwerd him for this once to of his your until next morning, the hope of hearing that night

umon arcutes
The sight lawarg arrived, however, the body Schebersande not only put the finishing stroke to the Mackout and the rat (the rat was bloch), the before the well
the works about, found beroelf deep in the
introducte of a manifum, knwing reference (if I am
an each open for manifum, knwing reference (if I am
an each open for manifum knwing reference)
wings) the west, in a wident manner, by dockweek,



Scheberrands related the thorness-and-second tale to the cellph-being the automoting advertures of Sinked on the "Source mounts

1.0

then with the other-and, as the day broke before its to get through with it in time for the bowstriagine), there was again no resource but to postpone that ceremony as before, for twenty-four hours. The next night there happened a similar accident with a similar so that, in the end, the good measureh, having been unavoidably deprived of all concretity to keep his yow during a period of no less than one thousand and one nights, either forgets it altogether by the expiration of this time, or gets himself absolved of it in the regular way, or (what is more probable) breaks it outall events, Schehernzade, who, being lineally descended of talk, which the factor lady, we all know, packed up

Now, this conclusion (which is that of the story as and pleasant-but alas! like a great many pleasant things, is more pleasant than true; and I am indebted herapade had inherited the seven backets of talk. I should have added, that she put them out at compound

"My dear vister," said she, on the thousand-andsecond night (I quote the language of the "Isitscornet" at this court, perhatica), "my dear sinter" said she has blown over, and that this edicus tax is so happily cretion in withholding from you said the kine (who I am sorry to say, anores-a thing no gentleman would but the truth is, I felt sleepy on the particular night of their narration, and so was seduced into curries I only trust that Allah will forgive me. But even yet to woke him up so far that he may stop making that if he pleases) with the sequel of this very remarkable

HEREUPON the sister of Schehersande, as I have been sufficiently pinched at leasth cassed sporing and understanding these words (which are no doubt Arabic) to signify that he was all attention, and would do his best not to snore any more-the queen I say, having thus, at once, into the history of Sinhad the sallor: "'At leasth, in my old age' (these are the words of Sinbad himself, as retailed by Scheherszude)-"'at transmilty at home, I became once more personned with packed up some bundles of such merchandise as was most precious and least bulky, and, engaging a porter to carry these, went with him down to the sea-there, correcy me out of the kingdom into some region which

"Having deposited the parkages upon the sends, we sat down beneath some trees, and looked out into the ocean in the hope of perceiving a ship, but during fancied that I could hear a singular buzzing or humming sound-and the porter, after listening awhile, it grew louder, and then still louder, so that we could have no doubt that the object which caused it was of the sea. It came toward us with inconceivable swiftness, throwing up huge waves of foom around its breast, and illuminating all that part of the sea through which it passed with a long line of fire that

extended far off into the distance. "'As the thing drew near we saw it very distinctly. Its length was equal to that of three of the loftiest trees that grow, and it was as wide as the great hall cent of the caliphe. Its body, which was unlike that of ordinary fishes, was so solid as a rock, and of a floated show the water, with the execution of a narrow blood-red streak that completely begirdled it. The we could get only a churse now and then as the monster rose and fell with the billows, was entirely covered with metallic scales, of a color libe that of the moon in misty weather. The back was flat and nearly whiteand from it there extended upward of six spines, about half the length of the whole body

"This horrible erepture had no mouth that we could perceive; but, as if to make up for this deficiency, it was provided with at least four score of eyes, that protruded from their sockets But those of the green dragon-fly, and were arranged all around the body in two rows, one above the other, and parallel to the of an cyclirow. Two or three of these dreadful eyes were much larger than the others and had the oppear-

"'Although this heart approached us, as I have before said, with the greatest rapidity, it must have neither fins like a fish nor web-feet like a chark, nor

manner of a vessel; nor yet did it writhe itself forward as do the cels. Its head and its till were shaped precisely alike only, not far from the latter, were two small beles that served for nostrils, and through which the monster paffed out its thick breath with prodigous widence, and with a shrieking, disaprenalte mone. "Our terror at beholding this historis thing was very great—but it was even sumpaised by our antenishment, when upon getting a nozere look, we perceived to the creational looks are unseited of animals about

uses the creative's back a text makes of all mints store that the data and all speed to make the control of the store of the speed of the store of t

within moving the body at the same time; and thus they were documed to perpential manufaction of their most—a view pagish and anothy in a wonderful, if move the positively in an award degree.

"When the mounter had nearly notice of the region of the properties of

mouth) be presently addressed us in load, harsh, and disagreeable accents, that, perhaps, we should have missions for language, had they not come altogether through the nose. "Bring thus evidently spoken to, I was at a lose how to reply, as I could in no meaner understand what was

sould sook in this difficulty I turned to the poeter, who we mere swowing freezigh striftight, and downstade of Nim his equition as to what profess of motitude it was the second to be supported to the control of the profession of the support of the poeter repried, as well as he could fee trajedulies, that he had that the second copy of the sup-leasy, that it was a cerul to be supported by the support of the poeter repried, as well as he could fee trajedulies, that he had by evil great as the means of initioning misery upon until as a sametimes infect cots and dogs, only a view versain, and as a sametimes infect cots and dogs, only a feet when the support of the support of the profession of their such, however cost—for, through the torrare day conside the least by their silkings and utingings, to any apodel to that degree of with which own trajel-

was gooded into that degree of wrath which was fequisite to make it roar and commit ill, and so fulfill the wengeful and malicious designs of the wisked goal!

"This account determined me to take to my heels, and, without once even looking behind me, I ran a full sneed un into the bills, while the corter ran cought

first, although nearly in an opposite direction, so that, by those means, he finally made his escape with studies I winds: I have no doubt he took excellent, enre—although this is a point I cannot determine, as I do not remother that I ever beheld his again.

"For myself, I was so body pursued by a swearm of the sem-sourcine durch and come to the shore in

"For myself, I was so body pursued by a swarm of the men-vermin (who had come to the above in boats) that I was very soon overtaken, board hand and foot, and conveyed to the beast, which immediately

ream out spink into the modifie of the text.

"I now blearly spreaded my fully in quitting a confeetable home to perf my fully in quitting a confeetable home to perf my fully in quitting a concondition, and control myself in secarcity of the concondition, and control myself in secarcity of the 
measurable that owned the trumpet, and who 
produce to control myself in secarcity and 
produce to control my secarcity of the 
creature because of the modern that in a few days the 
creature because dup on me various tokens of its favor, 
and in the and even west to the trouble of shorting me 
take its impracy; so that, at length. I was crabble in 
converse with it readly, and came to make it compre
converse with it readly, and came to make it compre-

" Weshish spreakish sourch, Sinbed, hey-diddle, did-

one they after future—but I has, a thousand proton, I and forgenters they seem realizer in conversant with the disloce of the Cack-neight (so the mus-smalls) true that they are the construction of the control of the control of the control of the control of the control. With your permission, I will remainstrate the control of the control, I will remain the control of the control

When the Lady Scheberscade had proceeded thus far, relates the "Initiconote," the king timed over from his left side to his right and said—
"It is, in fact, very surprising, my clear queen, that you omitted highert beta latter adventures of Simbad.

Do you know I think them exceedingly entertaining and strange?"

The king having thus expressed himself, we are told,

The king having thus expressed himself, we are told, the fair Scheherasole resumed her history in the following words:—

"Smhad went on in this manner, with his marrative— "I thanked the mun-mirmal for its kindness, and seen found movelf year much at hance on the beast, which

n, swem set a profitjess eate through the ocean; afthough the surface of the latter is, in that part of the world, by no means thit, but round like a possegremate, so that d we writi—so to say—either up hill or down hill all the time.<sup>12</sup>

by time."

"That, I think, was very singular," interrupted the king.

"Nevertheless, it is quite true," replied Schehermade.

"I have my doubts," rejoined the king; "but pray, be so good as to po on with the story."
"I will," said the queen. "The besst," continued Sinbad, swam, as I have related, up hill and down hill.

"Leaving this island," said Sinhad-(for Schehemnade, it must be understood, took no notice of her huswe came to another where the forests were of solid stone, and so hard that they shavered to pieces the anest-tempered axes with which we endeavored to cut

"Hum?" said the king again; but Scheherazade, pay-

"Passing beyond this last island, we reached a

in all Damascus and Bageind. From the rooms of these palaces there him myriads of gens, like diamonds, had no eyes," \*

"Hum!" said the king "We then swam into a region of the sea where we found a lofty mountain, down whose sides there streamed torrents of melted metal, some of which were twelve miles wide and sixty miles long; " while from

"The corelines "One of the most resushable natural carborates in Towns is "One of the most resushable natural Carborates in Consenses as particula Goostes reser the head of Fantana Robert. It consenses as particular properties of several handeed trees, to an event position, all turned to first particular Theorems.

by the discovery of a completely partified forest, were the head-waters of the Congouns, or Cheese River, which has its source in the Illnek Mills of the Recky Chain.

in the milital files on the receip critical. There is secretely performs, a specifiable on the mrises of the globe more remarkable, either in a prological or picturesque point of very, than that presented by the periode forces, over Corro. The transfer, having possed the totals of the cological of the cological control of the cological colors. are mainly recognisable. The most dalects of the say resisting and all the facer periods of the country of the wood, are perfectly entary, and hour to be extended with the strangest magnifects. The whole are no thoroughly oblished in to accuse allows, and are capable of receiving the highest politic—doubted

Afroncies

\*The Maxemeth Case of Kannicky

\*In Scrient, 1783

an aliyes on the summit issued so that a quantity of asks that the our was entirely blotted our from the night; so that when we were even at the distance of a hundred and fifty miles from the mountain, it was impossible to see the whitest object, however close we

"'After quitting this coast, the brast continued his

lake, at the bottom of which, more than a hundred feet beneath the surface of the water, there flourished in

"Some hundred miles farther on brought us to a

climate where the atmosphere was so dense as to sun-"Fiddle de dee," said the king,

"PROCEEDING still in the same direction, we presently arrived at the most magnificent regious in the whole world. Through it there monutered richer than that of amber. It was from three to six untles in width; and its banks, which rose on either side to twelve insidred feet in perpendicular height, were crowned with ever-blossoming trees and perpenual

sweet-scented flowers that made the whole territory one sonreous garden; but the name of this lummisms land was the kingdom of Horror, and to enter it was ineverable death." " a "Humph?" said the king. "'We left this kingdom in great baste, and, after

some days, eame to another, where we were astonished to perceive myriads of monstrous snimals with horns resembling scythca upon their heads. These hideous beasts dig for themselves wast caverns in the soil, of so disposed one upon the other that they fall instantly when tradden upon by other animals, thus precipitating them into the monster's dens, where their blood it immediately sucked and their carcasses afterwards hurled

"During the cruption of Heels, in 1766, clouds of this kind produced such a degree of darkpess that, at Glasspia, which is by the decision of the feller from the first projection of the part of the fell per companies of

2 221. The hardest steel ever unrafactured easy, under the acti-The hardest steet ever manufactured may, lorder the action of a blow-grge, be reduced to an impulgable gowder, which will disac readily in the atmospheric als:

The region of the Niger. See Shummur's Colonial Magnicontemptoonly out to an immense distance from "the caverus of death." " "Pool!" said the king, "'Continuing our progress, we perceived a district

obcombine the weather than the property of the control of the cont

tures and confining these in bornd and soll until the fulfilment of appointed tasks," " 2"

"Penant" read the long.
"Quitting this land, we seen serived at another in Whitch the best and the bards are muthematicizes of such germins and crudicion, that they give duly instructions in the science of grownerty to the wise men of the empire. The large of the place bawing offered a reward for the solution of two very difficult problems, they were solved upon the sport—the case by the bees, and

"The Hyreschew-Resides. The term "monter" is qually applicable to small abscenad those and as great, onde and epithets as "rars" as montey componence. The overn of the applicable as until an experience of the total process of the common red set. A great as factor, also, a "root, or all the Common red set. A great as factor, also, a "root, or all the Common common red set. A great as factor, also, a "root, or all the Common common red set. As "red set. As a "root of the Common common red set. As "red set of the common common red set. As "red set of the common red set."

other object, from which it dervots no national—adjusting attaignture upon ale.

"The Pierners, such as the wonderful Reflicial Annahli, "Sohom advocates a class of phists that gives upon firms annuals—the Plende Epinor. Of this than one the Fact and Algre.

M. J. B. D'Blan, of State, Man, presented the National Intelligent state, and content from Nova Zodes, of with the Markov charged and the State of the Nova Zodes of the State of the old heads. The most possible and extendingly a post treated of heads. The most possible and extendingly a post treated to the state of the State of

where the state of the state of

tion a secret, it was only after the most profound researches and labor, and the writing of an infinity of big books, during a long series of years, that the anmathematicians at length arrived at the identical solutions which had been given upon the spot by the bees and by the lates." ""

ann by the sards. "
"Oh my!" said the king,
"We had scarcely lost sight of this empire when we found starselves close upon another, from whose shares there for every ear both a flood of londs.

town outserves ticke upon arotter, trom whose shares there fire over our beeds a flock of few's a mile in breadth, and two hundred and forty niles long; so that, although they flow a mile during every minute, it required no less than four hears for the whele flock to pass over us—in which there were several militions of millions of frome 1"111.

"Oh fy?" said the king.

"No core had we per it of the title, which contained is per amounted. He was twee britished by the specimene of a food of another ball, and to perform the state of the dorset weight of the officer weight; the law larger them the british of the dorset weight; the law larger than the former weight; the law larger than the state of the dorset weight of the state of the dorset weight of the state of the state

nope or requirement the first into letting go of its prey; but it merely gave a store to pelf, as if of rage, and then let full upon our heads a heavy suck which proved to be filled with sand \*\* ""
"Seaff!" "Said the long.
"Te was just after this adventure that we encoun-

tered a comment of rememes extent and of profisions solidity, but which invertibles was supported entirely upon the back of a sky-thre cow that had no fewer than four hundred home. 1 \*\*

"The becoming that here were—have here constructed to the beautiful and the continue and the beautiful and the continue and the beautiful and the beautiful

good to job sale of a winderfl, according to the writing the interaction they received, with one flowers from the centre interaction that the property water, and flowers from the centre of it, it is sibler sweeth, in fact do best possible particles at an extraction of the contraction of the centre of the centre of the extraction of the centre of the centre of the centre of the extraction of the centre of the centre of the centre of the extraction of the centre of the centre of the centre of the extraction of the centre of the centre of the centre of the extraction of the centre of the centre of the centre of the extraction of the centre of the centre of the centre of the extraction of the centre of the centre of the centre of the extraction of the centre of the centre of the centre of the extraction of the centre of the centre of the centre of the extraction of the centre of the centre of the centre of the extraction of the centre of the centre of the centre of the extraction of the centre of the centre of the centre of the extraction of the centre of the centre of the centre of the extraction of the centre of the centre of the centre of the centre of the extraction of the centre of the centre of the centre of the centre of the extraction of the centre of the centre of the centre of the extraction of the centre of the centre of the centre of the centre of the extraction of the centre of the centre of the centre of the centre of the extraction of the centre of the centre of the centre of the centre of the extraction of the centre of the extraction of the centre of the centre of the centre of the centre of the extraction of the centre of the centre of the centre of the centre of the extraction of the centre of the centre of the centre of the centre of the extraction of the centre of the centre of the centre of the centre of the extraction of the centre of the extraction of the centre of the centre of th

offers and the harr is strike to the side of the rule, affecting an easy parameter for the eases of the insect."—First P. Kelle, "The earth is uphald by a new of a blue color having bless four hashing in number."—Sale's Konza.

read something of the kind before in a book." "We passed immediately beneath this continent (swimming in between the legs of the cow) and after his own native land, inhabited by things of his own species. This elevated the man-unimal very much in my esteem; and in fact, I now began to feel ashamed of the contemptuous familiarity with which I had treated him; for I found that the man-enimals in penlived with worms in their brain.18 which, no doubt, served to atimulate them, by their peinful writhings

"Nonsense!" said the king.

"Twante!" said the king

"Among the manifold were Amesticated several a hage horse whose bones were iron and whose blood a race surpassing that of the flight of most birds," " in

"I saw, also, among these people a hen without feathers, but hirrer than a ramel; instead of fieth and bone she had from and brick; her blood, like that of the horse (to whom, in fact, she was nearly related), was or black stones. This ben brought forth, very frequestly, a hundred chickens in the day; and, after birth, they took up their residence for several weeks within

the stomach of their mother," ""

"'One of this nation of mighty conjurors created a man out of brass and wood, and leather, and endorred him with such ingenuity that he would have beaten at great Calub, Haroun Alraschid,21 Another of these have required the united labor of fifty thousand fleshy usen for a year, to But a still more wonderful conjugar fashioned for himself a mighty thene that was neither man nor beast, but which had beains of lead, intermixed played with such incredible speed and dexterity that it would have had no trouble in writing out twenty thouexquisite a precision, that in all the copies there should

"The Extreme, or intestinal worms, have repeatedly been The Director, of recentral worter, for repeatedly been chosened in the muscles, and in the cerebral schalarce of men."

—Ene Wyser's Physiology, p. 183.

On the Great Western Rabway, between London and Experts, a speed of 73 sales per hear buy, between London and Experts, a speed of 73 sales per hear buy, been attained. A train weighing 90 your was withined from Patheringon to Police (5)

"'Another of these magicians, by means of a fluid even get up and dance at his will.20 Another had cultivated his voice to so great an extent that he could have

other.10 Another had so long an arm that he could sit down in Damascus and indite a letter at Bagdad-or. remarked the lightning to come down to him out of the deep darkness out of two brittlant lights. 12 Another made ice in a red-hot furnace.13 Another directed the

of the finest bair. This thing was of prodictous

strength, so that it exected or asynthrew the modelies

emoires at a breath; but its powers were exercised

one who had in his veins the blood of the salamanders:

for he made no scruple of sitting down to smoke his

chilous in a red-hot oven until his dinner was ther-

oughly reasted upon its floor " Another had the

faculty of converting the common metals into gold without even looking at them during the process, 10 An-

other had such a deheary of touch that he made a wire

of an elastic body, while it was coringing backward and

equally for evil and for wood." "Ridiculous?" said the king. "Among this nation of necromancers there was also

"Chalure, and since him, a hundred others, The Electrotype.

# 60 coloutes made of placemen for the field of waves in a trie

scope a wire one mainten-thousand part of an meh in thickness. It goold be seen only by means of the mercacope. If you'd be seen only to means of the mirrorcope.

Nowton demonstrated that the return, beneath the influence
of the widet ray of the spectrum, wheated 900,000,000 of pines. in a second
The Voltale pile
The Electro Tel

pee. Telurruola transmits intelligenen izaturtamen atle: of Extends to far at organic any distance upon the earth.

"The Electro Telegraph Printing Appendix.

"Governor experiments in Natural Philosophy. If two yed.

"Options capturinate in National Prilimotors. If two registrous to instance points to desirang data 4 lafe charger from two famining data 4 lafe charger registrous to instance points to desirang data 4 lafe charger to \$100,000 of an ench, their literative purposes of the desiranger in the contraction of the desiranger of the contraction of the contracti

regin.
Place a phinous cruckle over a spirit lamp, and keep it as "If these a phinteen credit ever a gord large, and leng us a red heat; you is now usighteen such mark though the most velatifie of bodies it is downton important, will be found to become organization and a for coulding and may a drop conjugate—better paramonish by an attrasphere of its own at the coulding and the conjugate of the second of the country of the count phenone and vapor, and so rapid in its progress, that the calorin of the water passes off with it, which hall a horse of

meles), in 51 minutes.
"The Excelstrine (Now collect Incubator.)

probed into their deeths and found out the soliday of the substance of which they are made. But the whole

"Preposterous!" said the king

"'The wives and daughters of these incomparably

bushand-" the wives and daughters of these eminent

"The Daguagnostype.

"Although light savels 183,000 rills in a second, the distances of 0.0 (years (title first star whose distance was assertioned,) is as inconsensably great, that the rays would reporter to each the serial For start broad 6th, once that he years to reach the serial For start broad 6th, once the law years to reach the serial For start proved 6th, one come 1,000 years—would be a moderate officials. Thus, the control of t 20—or even 1,000 years—wound to a moderate consumer that if they had been surphilisted 28, or 1,000 years are, we neight will see there to day, by the light which narried from their sourisces, 20 or 1,000 years in the part time. That many which

regulable. Herschel emistake that the light of the falmost rather seen through his great telescope, must have sides (500.00) years in reaching the earth. Some, made wishle by Lord, Roof instruction must, then, have required at least

some in others--but this of which I speak, has come in the abuse of a crecker." 20 "A what?" said the king.

"'A crochet," said Scheheramde. "'Oue of the evil which lies not very far below the small of the back,

to save. Some fatalities come in certain shapes, and

"Stop!" said the long-"I can't stand that, and I

break. How long have we been married?--my conbeautiful, but for an unhappy fatality that besons them, science is getting to be troublesome again. And then that dromedary touch-do you take me for a fool? Usen the whole, you might as well get up and be

> unlikely to forfelt his word, she submitted to her fate with good grace. She derived, bowever, great como lation (during the tightening of the bowstring) from had reaped for him a most righteous reward, in depriv-

## BIG SPRING EDITION OF THE AMAZING STORIES QUARTERLY

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# A STORY OF THE DAYS TO COME by H.G.Wells

What Has Gone Before:

#### radian for "Mer- majoratestics

In the state was the correct space of the state of the st

did corrything just and propromiserating to list little, if cause the instead of the needed to bear by senses of the photograph and continued it get his thilly were, etc., by the more switched. The instructing of researce and been observed completely and motel. Everything street on its a perfectly ordered resolvecorrybady must not those days hypothetic treer doing corrybady must large. In those days hypothetic treer doing

much mark. Musers' doughter, use of a decidelly resuming their, portrakely after the next and fell in loco unit young Desiso, a reconstitute of the deepen has all his loco unit young more attends on a flyago-acidesse deep A summany to text to their time young people you, from the fellow's point of young across the entry young people you, from the fellow's point of young young young young young the confidence of and settled in the people young you

means and high standing in the community. A highwaited finally present over Ethenberth, by a shown rare, in stony heavily to be hypocened and is used to forget that she rave heavy Desten for specimen, and to concentrate her interest an interest and heavy the standard heavy to be a Blaich. Desten heavy the heavy Ethenberth heavy.

true strangely makes strangels, to per Ekindesh back.

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Elizabeth becomes of ope and can get the nee of her inkers

h tonce. For a free large the described country secure as she place and alcoping on the ground in the open as recentler, the place real valuations unable them change their moute a life and an etach as others by half a decre alcophered degre decir them is retracted their steps back in the rety and becomes

For their given they not every hoppy depictive unit, take he je god, flow to Robotelle evens of age and account for a terrel showly term that the universe on the between desires, he can be precluded, which we have a similar to the property of the given the same and the first of the can be precluded, and the can be desired and their household goods, never this obstity experts an extension when the first property of the Critical and of clotheric transvery as extension which the control of the contr

raten

## IAPTER IV.

Underneath

NDER the stars one may reach upward and touch resignation, whatever the evil thing may be, but in the heat and stress of

and total reagantso, wratever the case the day's week we have again, come diagrad step is all our magnanismiy—an accident la plane! The very Salms of old had first to file the world. And Demon and his Ellasheth could not file their world, as

For a time these two
Labor Seris were kept at
their original occupations,
she at her brass-stramping
and Dennon at his press;
and then come a move for
birn that brought with it
tresh and still butterer expresence of bir in the ma-

tresh and som officer every relative to the London Tile country of the London Tile country of the London Tile Treat

room with a number of other men, for the most part horn Labor Serfs. He came to this interessure minetamity. His uple injury had been refined, and, unmit his III former had becough this to that contrate, he had no inversional men to the contrate to the contrast of a serie immediate necessity, to the white-faced waters of the him canwas. Now at last came connect; he had to work beside them share their took, eat with them.

To both Elizabeth and himself this seemed a further degradation.

His state would have seemed extreme to a man of the niteteenth century. But slowly and inevitably in the intervening years a gulf had opened between the waters of the blue carreas and the classes above, a

the intervening years a gulf had opened between the tradity—and keep their containing observe and the same provided on the sa

oped a dialect of their own: above, too, had arisen a dialect, a code of thought, a language of "culture," which aimed by a sertificasearch after fresh distinction to widen perpetually the space between itself and "witherite". "The local of

ate press in the central factory of the London Tile, a common faith, moreover, no longer held the more torest. In this new situation he had to work in a long wanted faithguisthed by the rapid development among the pro-



teachings of the carpenter of Nazareth to the exquisite

varrowasts of their lives. And, in space of their inclinaclass, and so, when they fell at last to be Labor Serfa. it seemed to them almost as though they were falling among offensive inferior animals, they felt as a nine-

were forced to take rooms in the Jago. Their natural unpulse was to maintain a "distance," But Denton's first idea of a discretied isolation from his new surroundings was soon rudely dispelled. He had imagined that his fall to the position of a Labor Seri was the end of his lesson, that when their tittle daughter had died, he had plumbed the deeps of life; And now in a roomful of muchine minders he was to learn a wider lesson, to make the acquaintance of an-

thrags dear to us, more elemental even than toil. His quiet discouragement of conversation was an immediate cause of offense-was interpreted, rightly enough I fear, as disdain. His imporance of the valeur dislect, a thing upon which he had hitherto prided failed to perceive at once that his reception of the coarse and stupid but genially intended remarks that

greeted his appearance must have stong the makers of these advances like blows in their faces. "Don't understand," he said rather coldly, and at hazard, "No, thank yeu." The man who had addressed him started scowled. and turned away. A second, who also failed at Denton's unaccustemed

ear, took the trouble to repeat his remark, and Deuton discovered he was being offered the use of an oil can. He expressed polite thanks, and this second man embarked upon a penetrative conversation. Denton he remarked, had been a swell, and he wanted to know how he had come to wear the blue. He clearly expected Denton ever been at a Pleasure City? Denton was specific to discover how the existence of these wonderful places of delight properted and defiled the thought and honor of these unwilling, hopeless workers

His aristocratic temperament resented these questions. He answered "No" curtly. The man nerstated with a still more personal question, and this time it

"He's a swell." It presently forced itself upon Denton's mind that this remarkable conversation was being repeated in indigrant tones to more sympathetic hearers, and that t gave rise to autonishment and ironical leaghter. They looked at Denton with manifestly enhanced interest. A curious perception of implation dawned upon him. He traid to think of his press and its unfamilian TAHE machines lost everybody pretty lessy during the first spell, and then came a receas. It was

only an interval for refreshment, too brief for any ton followed has fellow-workers into a short mallery. in which were a number of bins of refuse from the Each man produced a packet of food. Denton had

no packet. The manager, a carcless young man who beld his position by influence, had control to warm Denton that it was necessary to apply for this provi-sion. He stood apart, feeling hungry. The others drew together in a group and talked in undertones. gluncing at him ever and again. He become uneasy, effort. He tried to think of the levers of his new Presently one, a man much shorter but much

broader and stouter than Deaton, came forward to him. Denton turned to him as unconcernedly as neesible. "Here?" said the delegate-s as Denton indpod him to be-extending a cube of brend in a not too closs hand. He had a swart, broad-most face, and his mouth hung down towards one corner, Denton jelt doubtful for the instant whether this was meant for civility or insult. His impulse was to decline "No, thanks," he said; and, at the man's charge of expression, "I'm not hungry." There came a laugh from the group behind, "Told

you so," said the man who had offered Denton the toan of an oil can. "He's top side, he is. You sun't good enough for 'im." The swart face grew a shore darker "Here," said its owner, still extending the bread,

Denton looked into the threstering face before him, and odd little currents of energy seemed to be running through his limbs and body

"I don't want it," he said, trying a pleasant smile The thickset man advanced his face, and the brend became a physical threat in his hand. Denton's mind rushed together to the one problem of his antagonist's

"Eat it," said the swart man-There came a pause, and then they both moved enickly. The cube of broad described a complicated path, a curve that would have ended in Denton's face a and then his for het the wrist of the hand that gripped it, and it flew unward, and out of the conflict-its part played.

He stepped back quickly, fists clenched and arms tense. The hor, dark countergage receded, became an alert hostility, watching its chance. Denton for one instant felt confident, and strangely buoyant and

servine. His heart hear quickly. He felt his body "Scrap, boys?" shouted some one, and then the dark and come in again. Denom streets out, and was his, One of his eyes seemed to him to be demonshed, and he felt a soft lip under his first just before he was hit again—this time under the first past before he was reasien that his head was innocled to pieces, and then comething bit his head was innocled to pieces, and them exsent the seement of the seement of the seement of the fast bettime an unincresting an innersement thing.

comething bit his bend and tack from behind, and the fight behind an unision existing, an impersonal thing.

"He was aware that time—seconds or minimes—land passed, abstract, uneventful time. He was lying with his head in a heap of sales, and something wet and warm ran swiftly into his rock. The first shack heads: up into discrete sessations. All his head throbbed; his eye and his chin throbbed cacerdingly,

"He's all right," sidd a welet. "He's opening his "Fic's all right," sidd a seen. He's opening his "Fic's per him — well right," said a second. His motes wet sanding shout him. He mode an effect and eat up. He put his hand to the backs. A laugh greeted the grature. His eye was patthly clotd. He perceived what had hespeared. His sub-

"Looks surprised," said some one.

"Yorks surprised," said some one.

"'Ave any more?" said a wit; and then, imitating

"No, thank you" Denton perceived the swart man with a bleed-stained bundlerchief before his face, and somewhat in the

"Where's that lift of bread he's got to eat?" said a little street-inced creature; and sought with his foot in the ashes of the adjacent bin.

Densen had a moment of internal debate. He knew the code of hopor requires a mun to pursue a sight he

of the litterness. He was resolved to the again, but he felt in passisents impulse. It occurred to him and the thought was no very violent spur—that he was perhaps after all a coward. For a noment his will was heavy, a lump of lead.

"The it is," soid the little ferret-faced man, and strengtd in side us a cinders cube. He leoled at Den-

ton, then at the others.

Slowly, unwillingly, Denton stood up.

A dirty-faced alkino extended a hand to the ferresfaced men. "Glume that toke," be said. He advanced threatmungly, breed in hand, to Denton. "So you ain't had your feelfaril said." he said. "Els?"

Now is west coming. "No, I haven't," said Denter, with a cartiling of the breath, and recovered tory this here behind the case before he himself got stranged again. He have two world be stronged again. He was superished how ill he had jodged blundel beforehand. A few religious times, and down he would go again. He wanted the allito's eye. The allino was graning confidently, like a man who plant an agreeable trick. A studies perception of impending indignities strang Degion.

tring Denton.

"You leave 'im alone, Jim," said the awart man sud
\*Take is as English storp word seasing (ood, especially

denly over the blood-stained rag. "He sin't done mothing to year."

The althroid sgin vanished. He stepped. He looked from one to the other. It seemed to Denten that the owart man demanded the grivilege of his destruction. The althroid would have been better.

The attante would have been better.

"You leave 'im alone," said the swart man. "See?
"E's 'ad 'is licke."

A CLATTERING bell lifted up its voice and solved the situation. The albino busined, "Lucky for you," he said adding a food notuphor, and turned with the others nowards the preservous again. "Wait for the end of the spell, nair," and the albino ever its shoulder—an afterthought. The swart man waited for the obligate to receive him. Demon realized that he had

The men peased towards an open door. Decton benear aware of his duties, and herried to join the tall
of the queue. At the doorway of the vaulted gallery
A of presses a yellow-uniformed labor policeman stood
tiking a card. He had squeeted the swart man's bempe-

ringe.

"Hurry up there?" he said to Denton.

"Hello?" he said, at the sight of his facial disarray.

"Who's been bitting you"
"That's my affair," said Denton.
"Not if it spikes your work, it sia's," said the man
in yellow, "You mind that."

Denton made no answer. He was a rough—a laborer. He ware the blue canvas. The laws of assent and bettern, he knew, were not for the likes of him. He

went to his peem. He could feel the skin of his brow and chin and brod lifting themselves to obbe brules, left the throb and plan of each appling consume. His nervous system said down to lithstay; at each rowement in his term and down to lithstay; at each rowement in his his brown-state, to throbbed and puffer. How did he stand? What periody had larpered in the last term mixture? What would hancen ascal? He linew

that here was encourage matter for thought, and he deald not think save in disordered assoches.

His mood was a sect of sugment associatement. All his conceptions were overthrown. He had reserved

his esemily from physical vidence as informat, so not the conditions of list. So, metral, a but harm white of the conditions of list. So, metral, a but harm white property to serve for his defence. But who would marries among Leadon rough latelant angeller? And marries among Leadon rough latelant angeller? And world there was no law letteren men and men; the host and landariney of the time has hadened on the first some conditions of the con

Denton had come right down at last to the elemental

—first and trick and the stubborn heart and fellowship—
even as it was in the bestiming.

The thythm of his machine chanced, and his thoughts Presently be could think again. Strange how quickly

138

things had happened! He bore these men who had thrashed him no very vivid ill-will. He was bruised the responsibleness of his unpopularity. He had behaved like a fool. Disdain, seclusion, see the privilege of the strong. The fallen arastocrat still clinging to his point-

what was there for him to despuse in these men?

What would happen at the end of the spell? He could not tell. He could not snapine. He could not imagine the thoughts of these men. He was sensible only of their hostility and utter want of symnathy. He recalled his assemb troop the hypocetist, but there were no detachable lamps here. He could see nothing

For a space he thought of a headlone bolt for the security of the public ways directly the spell was over. Apart from the trivial consideration of his self-respect, ment and aggravation of his trouble. He perceived the ferret-front man and the allient talland together with

At last came the end of the second spell. The lender wiping his mouth with the back of his hand. Wis eyes

Now was the crisis, and all the fittle nerves of Denton's being seemed leaping and dancing. He had decided to show fight if any fresh indignity was offered him. He stooped his press and turned. With an energous affectation of ease he walked down the vault and entered his indert-which he had taken off because of the heat of the vault-beside his press. He walked back. He

He heard the ferret-faced man in expostulation. "TE reely ought, est it," said the ferret-faced man, "'E

"No-you leave 'en alone," said the awart mon. A PPARENTLY nothing further was to hoppen to him that day. He pessed out to the passage and

staircase that led up to the moving platforms of the He enversed on the field brilliance and atmosphis movement of the public atreet. He became accreby

with a limp, investigatory hand. He went up to the swiftest platform, and seated himself on a Labor Com-He lapsed into a pensive toroor. The immediate danpers and stresses of his position he saw with a sort of

"Whad I was going to say was this," he said; was

Denton became curious. "Go ou," he said, attentive. The swart man took the plunge. He grasped Denton's arm, became intimate in his attitude. "'Sense me," he said. "Fact is, you done know 'ou to scrap. Done know 'ear to. Why-you done know 'our to

could get on with a gentleman if one came his way He prolonged the shaking until Denton, under the influence of the mirror, withdraw his hand. The owner man

ability distorted its latitude. A wiso of hair occluded men as a gross expansion of Eo and nostrik. They were linked by studing hands. Then abruptly this vitations of a walcing dawn. As he shook, the swart man made some muddled remark, to the effect that he had always known he

"That's aw right Shake!" The moving platform was rushing by the establishment of a face moulder, and its lower front was a hure display of mirror, designed to stimulate the thirst for more symmetrical features. Derson caught the reflection of himself and his new friend, enormously swisted and broadened. His own face was puffed, one-sided.

the scene; "between freed of that Narsted Whitey and " said Dergon with sudden fervor: "I was a "Ah!" said the swart tren, with great satisfaction.

"in refusing that bit of bread " "Meant is friendly," sold the swart man, recoffine

Dezton realized that there must evid merives beyoud a mere impulse to alterrigable proceedings in the man. He meditated, and swallowed an unworthy pride "I did not mean to be offensive to you," he said,

right," he cried, laying a crimy hand on Dentoo's evine sleeve. "You're aw right. You're a se'man. Sorryyear sorry. Wanted to tell you that !

"Whad-I-was-going-to say-was this," he re-Finally he abandoned that gambit. "You're aw

assault was intended. He stared, awaiting the next It was evident the next sentence was premeditated

The swart man's face retained no traces of his share in the fight; his expression was free from hostilityseemed almost deferentful "'Scare me," he said, with

static clearness. What would they do to-coverow? He could not tell. What would Elizabeth think of his him He started. Surely he was safe from violence

He was aroused presently by a hand upon his arm

begis. You'll get killed if you don't mrad. 'Ouldin' He reinforced his statement by objergation, watching the effect of each oath with a wary eye. "Fy instance, You're tall. Long arms. You get a

blingy, but I thought I'd yet a Tough on 'Stead of which. . . . "Scuse me. I wouldn't have 'it you if I'd known. It's like fighting sacks. 'Trie't cirist. Y'r arms seemed 'one on 'ooks, Reg'lar-'ung on 'ooks,

tered chin by a sudden laugh. Bitter tears came into

The swort man reverted to his formula. He was

"Whad I was going to say was this," he said. "Lem-

scripper-very dreest. Shown. That's what I meant Dinton heatated, "But-" he said, "I can't give you

anything-" "That's the ge'man all over," said the swart man "Who arst you to?"

"But your time?" "If you don't get learne scrapping you'll get killed,-

don't you make no bones of that Denton thought. "I don't know," he said conveness should at him. He felt a quick revulsion

from his transient friendliness. It seemed to him incredible that it should be necessary for him to be

"The chaos are always perapoling," said the swart nun. "Always. And, of course-if one gets waxy

and his you vital. . "By God!" cried Denton: "I wish one would,"

"Of course, if you jed Hee that-"

"P'rana I don't." said the swart man; and lopsed into a furning silence When he spoke again his voice was less friendly, and

he needed Deuten by way of address. "Look see!" he seed: "are you point to let me show you 'ow to

"It's tremendously kind of you," said Denton, "but-" There was a pattie. The swart man rose and bent

"Too much or'man," he said-"ch? I got a red foce ... By goth! you are you are a brasted fool!"

HE swart wan descended with dignity to a cross Way, and Deuton, after a momentumy impulse to things that had hoppened filled his mind. In one day had thrust its face through all his explanations and glosses and consolations and grinned enquatically, directly to the Labor Hotel, where he would meet Elizabeth. He found be was beginning to think, he wanted very greatly to think; and so, wrapped in a the city on his moving platform twice. You figure him, tearing through the glanng, thunder-volced city at a page of fifty miles an hour, the city moon the planet that spins along its chartless path through space many

his praceful system of resignation had been shattered beyond horse. Brute force, the final, the fundamental

thousands of unles on hour, furloug most terribly, and trying to understand why the heart and will in him should suffer and keep alive

When at last he came to Eliasbeth, she was white

had it not been for his own preoccupation. He feared most that she would desire to know every detail of his pant. He saw her evebrows rise at the sight of him. "I've had rough handling," he said, and gasped. "It's

sat down with an unavoidable air of sullenness face, her lies whitened. Her hand-it was thinner now

than in the days of their prosperity, and her first finger was a little altered by the metal punching she didclenched convulsively. "This horrible world" she said In these latter days they had become a very silent couple; they said scororly a word to each other that

night, but each followed a private train of thought. In "I cannot stand it!" cried Deaton. "I will not stand it ?"

She saw him dindy, sitting up; sow his sem lunge as if in a furious blow at the enshroading night. Then

"It is too much-it is more than one can bear!" She could say nothing. To her, also, it seemed that

a long stillness. 'She could see that Douton sat with his arms about his knees, his chin almost touching them "No." he said at last. "Tim moine to stand it. That's

the peculiar thing. There isn't a grain of suicide in us -not a grain. I suppose all the people with a term that way have cope. We're some through with it-

Elizabeth thought grayly, and realized that this also

"We're going through with it. To thick of all who have gone through with it; all the generations—endless

-endless. Little beasts that snapped and snaried erapping and smarling, snapping and starting, genera-His morotone, ended abruptly, resumed after a vast "There were intery thousand years of some ager. A Details conserver in all those years. Appendix succession. The grace of pung through. Let me see! Nutry-muc hundred—three mines, twenty-seven—three throusand generations of ment—man more or less and each fought, and was brinched, and sharried, and somehour held his own—gefung through with it—possing it on. . And thousands from to come perhapsion.

thousands!

"Passing it on. I wonder if they will thank us."

His voice assumed an argumentative note. "If one could find any argumentative note. "If one could not a country of a country of the country

could find something definite. If one could say,
'Thus is why—this is why it goes on...'

He became still, and Eliebeth's eyes slowly separated
him from the darkness until at last she could see how

his set with his head resting on his band. A sense of the corpusors remotiones of their minds came to her; that dim suggestion of another heing somed to her; signer of this runneal understanding. What could be be thirting zone? What might he not say man? Amother age sensent to chapse before he sighed and whiteouther age sensent to chapse before he sighed and whating interval, and he repetited this. But the second time is had the tone aminor of a solution.

She became aware that he was preparating to He down. She marked his movements, perceived with astronialments how he adjusted his pillow with a careful regard to comfort. He hay down with a sight of contentment almost. He hay almost had possed. He hay still, and presently his breaking became regular and deep.

BUT Elasabeth remained with eyes wide open in the darkness, until the classor of a bell and the sudden brilliance of the electric light warned them that the Labor Company had need of them for yet another elec-

That day came a scrille with the albino Whitey and the little ferret-food runs. Bluth, the swart arise in scraping, having first let Denton grasp the bearing of this lesson, intervence, not without a certain quality of perconage. "Drop is big, Whitey, and let the man be;" and his press value through a shower of infighter. "Can't you see 'e don't know 'our to samp?" And Denton, lying shamefully on the dant, realized that he

He muse his spology straight and clean. He scrambled up and walked to Blant. "I was a fool, and you are tight," he said. "If it isn't too late...."

That night, after the accord spell, Danton sear with Blant to certain water and dissesseded valuet under the Peri of London, to leave the fert beginnings of the period to the control of the control of the control great works of the anticeasty, been to the or side a man to a to have been controlled by earlier being violent of a both the execution of the control of the

a pifted exponent for Depart's learning. Blunt's bash-

he developed a certain expert dignity, a quality of inthirty econodication. He treated Demon with the outnost consideration, only "fiftiding limit up a bit" now send then, to keep the insereet hot, and rouring with haughing at a happy fished of Deminsi's that covered his mouth with blood. "I'm always kerriess of my mouth," said Blunt,

"I'm always keerless of my mouth," said Blant, admitting a weakness. "Always. It don't soom to matter, lifer, just getting bashed in the mouth—not if your clum's all right. Tastin' blood does me good.

Always. But I better not it you agon."

Dentin with home, to fall ladepe relievated and wide to the small hours with aching himls and all his himselfaging. Was it worth while that the should go on living? He furned to Elizabeth's beauthing, and remembering that the mine have worked by the previous right, he lay very wall. He was not with infinite that the state of the property of

generately. The measurement and of evidenticing times are before for eye; he case it is as an aimment growth, producing a despering terrors of awargers be such as a set all mind to the contract of the contr

he hunted up. Maves and told him of their distore? It came to him as an asteolistic phing how steerly Maves and Bittiden had passed out of his range. Where were they? Where were they divers were they diverg? From the he passed to thoughts of inter dishturer. And finally, not receive the steer of the ste

The second right's instruction was perhaps been described in this feet just the finite was even entire described in the feet just the finite was even control or the control of the contro

He knew nothing of the sempoing lessons, and he spent the time in telling Denton and the wants generally W HITE'S was not spoulse, and the ward singerged to see lim has the two state with only a shapped to see lim has the two state with only a shapped to see the personaling by activity flower, with a see that the personaling by activity flower, with a seek and the except where yet the seek as the

person than Dermon.

Dention with proper pressuring, released his artagonist and stood up. His blood seemed changed to some sort of fluid fire, his limbs felt light and supernormally strong. The feet that he was a marry in the civiliation machine had vanished from his mind. He was a

The field ferret-faced man was the forst in the composition to par him on the back. The lender of will cars was a radiant sun of genial congratulation. . . It seemed incredible to Denton that he had ever thought of deviate.

Denton was convinced that not only had he to so on through with things, but that be could. He sat on the carries nallet excounders this new aspect to Elizabeth. One side of his face was bruised. She had not recently fought, she had not been patted on the back, there were no hot bruites upon her face, only a pallor and a new share. She looked steadfastly at Desgon in his new mood of prophery. "I feel that there is something," he was saying, "something that goes on, a Being of Life in which we live and move and have our being, something that boran fifty-a hundred million years ago, perhaps, that goes on-on: growing, spreading, to things beyond us-things that will justify us all That will explain and justify my fighting—these bruises, and all the pain of it. It's the chistl-yes, the chistle of the Maker. If only I could make you feel as I feel if I could make you! You will dear, I know you will."

you will."
"No," she said in a low voice. "No, I shall not."
"So I might have thought—"
She shock her hoad. "No," she said. "I have thought

She shook her houd, "No.7] she said, "I have shought as well. What you say—doesn't courriest mer." She looked at the face receivinty, "I have light as said, and exught as her breach. "You do not understand, you do not think. There was a time when you said chings and I believed them. I man gowing wisterted was a man you can fight, force your way. You do said things and I believed them. I man gowing wister. You are a man you can fight, force your way. You do said man, Yet--in makes you. I make you. You are right. Only a woman is not like that. We are different. We have the convolves are colding to so you.

If her ril. I her the herible canvast. I have be more than—more than the worst that can happen. It is horrible to the skin and the woman I work with day after day! I lie a sawke or anghet and think how I may be growing like them..."

She stopped. "I om growing like them," she cried

She pensed and began again,

She stopped. "I am growing like them," she cried passionately.

Denico stared at her distress, "Bott—" he said and stopped.

"You don't understood. When how 12. What have

"You don't understand. When have I? What have I to save me? You can fight. Fighting is man't work. But women, women are different . I have thought it all out, I have done nothing but think night and day. Look at the color of my face! I easted go on. I cannot endure this file . . I cannot endure it is file. . . I cannot endure this file. . . I cannot endure it."

"You do not know all," she said abruptly, and for an immant her Eps had a britter smile, "I have been asked to leave you."
"I save me?"

to leave you."

"Leave me?'

She made no answer save an affirmative movement of the head.

DENTON stood up sharply. They stared at one another through a long sitence Stadkinky she turned bergelf about, and thing face downward upon their entima bed. She did not solo, alse made in sound. She lay will upon her face. After a vast, distressful wold her shoulders heaved and she besen to were slicintly.

"Elizabeth!" he whispered—"Elizabeth!"

Very softly he sat down health her, bent down, put his arm arms her in a doubtful cares, seeking valuly for your clus to his brokenhie clusterion.

for some clue to this intelemble situation.

"Elizabeth," he whispered in her car.

"Elizabeth," his from her with her hand. "I cannot have a child to be a slave!" and hroke out into lord and

hitter weiging.

Denote's face changed—became blink chansy, Presently he slipped from the hed and stood on his feet.

All the complexescy had wanished from his face, had given place to impotent rage. He began to rave and

curie at the insolerable forces which pressed upon him, at the actificants and the desicious and the force, and the shook list fiet, this anierotace loof the careful at all that covierons thim above, at the millions short him, at this past and future and all the insensance vasioness of the overwhelming city.

#### CHAPTER V. Bindon Intervence

In Bindon's younger days he had dabhled in speculation and made there belifies thicks. For the ruis of his file ha dat the violent to let position and the consect to believe himself a very development of the best of the best of the special content of the special content of the best of the part of the plant of the pl

note state processing to take capture, one miles devere a little time to the exterior of this person. In physical basis was starfer, and shoet, and dark; and processing the state of the person of the person of the person of the person of the time of the person of the time, to that the color and the person of the time, to that the color and contour of his hint writed with his continus. This he was constructly

charging, the world identify instead with personal revenues in the recovery in: Person needing the affiney electrologousts of this typic, not became it rentations developement of this typic, not became it remains to the personal residence of the contract of the contract to the personal residence in the contract to the personal residence in the shade long a close of unrising personal residence; the world sensue been personant industries, the shade long a close of unrising personal residence in the world sensue being personant industries. The shade long a close of unrising personal residence in the world sensue being the contraction of the shade long a close of unrising personal retained proteometro. In the central papers of the interest personal residence in the contraction of the interest personal residence in the contraction of the interest personal residence in the contraction of the unit and the contraction of the personal residence in the contraction of the c

And no doubt, if Binabelt's affection had not been already engaged by the weathless Decroes, and if the traces had not had that odd bins for old-fashirend ways, their intermediate of the constraint of the new solvids have. Bindom had consulted Einsberk's father before pretained that consulted Einsberk's father before prewho a lower similar to the critise of their continue—and Mores had pronounced him all that the first of woman could desire. But the affine of the hypositis proved that his knowledge of this heart of woman was also also the consultation of the consultation of the Bright's time of morrises had been former to such

Site time before Mercu ferrer Blankeths basilies woutdandood in he way. It was cent of Blacket most chericaled severa that he led a considerable capitally type. The thought most make the led at considerable capitally type. The thought mapstral a set of pathetic seriousness to the offereive and quite inconsequent and a challeng wischenses, and whath a number of good people also were so musice as to treat in that doesnake and white wischenses, and whath a number of good people also were so musice as to treat in that doesnake the seriousness of the seriousness

\* A pagment cell, especially one capable of changing its form or cap, causing changing of color in the transferrer side by heister the memory were the configuration for contrasting, top-

undersly insiltential tops in divine her life to him, he might set he saved to Goothees, and even treat a sponted family in his thoreas to soluce his declining years. But the insure spenimed ones of the word, he doubted lif there were any pool werson. Of such as he had beard tottle he was outwelfly sceptical and girlustly such afraid.

WHEN the asplring Mores effected his introduction to the Cashothees, it seemed to him that he good

spite of all the terrible fuscinations of Vice, if he found a heretainly gentle, good young woman of a not ton

fortime was complete. He fell in love with her at since he was sixteen, in accordance with the extremely varied recines to be found in the accumulated laterawas real love. It seemed to him so call forth oil the lurking goodness in his nature. He felt that for her soke he could give up a way of life that had already system. His imagination presented him with idellic pertures of the life of the reformed rake. He would little cytical and bitter, as became the rest. Yet he as his wickedness-showing what a complex of Goethe, chans he really was-into her shocked, were heavisful. and no doubt sympathetic car. And preparatory to these things he woold her with infinite subtlety and respect. And the reserve with which Elizabeth treated hus seemed nothing more nor less than an exercisive modesty touched and enhanced by an equally exquisite

Bildota know nothing of her wandering affections, mor of the attrupt made by Mwess to unline hyporition as a corrective to this digression of her heart; he conceived he was not he best of terms with Elisiabeth, and had made her quite recessfully various significant personal of jointly and the more visitous connective, when her dependent, which had the world out of par for him.

His first aspect of the antier year step longeron of wandering was a second of the property of the connective was a few forces between the world out of par for him.

reasonal variety, and as Morres happened to be the most convenient person, he vented the first brant of it upon bits.

He went immediately and insulted the devolute father

greatly, and thes sport as acres and determined by great you far to both the city and interessing people in a consistent and partly secondful stratege to universities and partly secondful stratege to such a second the second the second the second the work to the dising-place be lad frequented in his while days as a 6cc floward are from on ined, and school dispetitor two only and describily with two while days are second to second the second to the school dispetitor two only and describility with two piles greatly on some and the second to the second piles greatly on some and the second to the second piles greatly on some and works being good for, and he standard even hisself by the stain of which greatly and the second to the second to the second profitting the developed. One of the order despense

of pain about the diantesom. And Marris sar with his The next morning found his liver and temper in-

flamed. He locked his phonographic-news machine to perces, discussed his valet, and resolved that he would perpetrate a terrible revenge upon Elizabeth. Or Denton. Or somebody. But anyhow, it was to be a terrible revenge; and the friend who had made for at girl's victim. He knew something of the little property If Mwres did not relent, and if unpropinges things should happen to the affair in which Elizabeth's expectations lay, they would come upon evil times and be sufficiently amenable to temptation of a similar sort, intricate and powerful man of wealth pursuing this

first time in his life Bindon realized something of the His importantion stood saide like a respectful foot have to kill myself to set her! And that other

area for his overnight excesses in the form of butter drugs, a mitigated but absolutely resolute Bindon sought out Mwres. Mwres he found properly smashed, and improverished and humble, in a mood of frantic selfmore any interest in a disobedient daughter, to recover cussion that followed, it was agreed that these misor no with even assisted towards that improving disdine by Bindon's financial influence.

"They will come to the Labor Company," said Bindon. "They will wear the blue canvas,"

"She will divorce him," he said, and sat for a moment dinarily relaxed, and a couple might screened on a

CENEN suddenly Bindon astonished himself and Mwres by jumping to his feet. "She shell disorce hen!" he ented "I will have it so-I will work it so she must. He shall be smashed and onlycrized."

further. He began a Jovian pacing up and down the little office. "I will have her," he cried, "I will have ber! Heaven and Helt shall not save her from me!" His passion evaporated in its expression, and left him and ignored with heroic determination a shorp twinge presumatic can deflated and himself very visibly And so, with a fair persistency. Bindon see bimself to the work of being Elizabeth's malignast providence.

talk with an interesting, experienced and sympathetic Father of the Haysmante sect of the Lis cut, about all the irrational little proceedings he was pleased to regard as his heaven-dismaying weferdness, and the resenting Heaven dismayed, would with a pleasing affectation of horror, suggest simple and easy personces. cool, hygienic, and not volcurued, for viscerally disordered penitont sinners of the refined and wealthy type. And after these excursions. Hinden would come would machinate with really considerable energy, and ing ways, from which he could view the entrance to sheltered Denton and Elizabeth. And at last one day he saw Elizabeth go in, and thereby his passion was

So in the fullman of time the complicated devices of that the young people were near descoir.

"It's time for you," he said, "to let your corrected affections have play. She's been in blue current some months, and they've been couped together in one of those Labor dens, and the little girl is dead. She of protection, poor girl She'll see things now in a clearer light. You go to her-I don't want to sppcar it is that she should get a divotce from him, . . .

"Snirtt?" sald Bindon. She's a wonderful girl-a. "Of course she will. But leave it open to her. Leave

it open to her. And home day-in that stuffy den, in Acce & owered. And then-Murres meditated over the matter, and did as he was

advisor, went into retreat. The retreat of the Hursmarrice sect was a besettful place, with the aweetest air in London, lit by natural sunlight, and with restrict quadrangles of real grass open to the say, where at

distinguished austority. And, save for participation in the simple and wholetome dietary of the place and in certain magnificent chants. Bindon spent all his time in meditation upon the theme of Elizabeth, and the first saw her, and whether he would be able to set a sympathetic Father in spate of the approaching "am" of ber divorce; and then . . . Bindon would bean

arpliest a pillar of the anudrancie and hose into reveries on the superiority of virtuous love to any other form that was trying to attract his attention, a disposition to be hot or shiver, a general tense of ill-health and entaneous discomfort he did his best to ismore. All that of course belonged to the old life that he was

When he came out of retrest he west at once to Mwres to ask for news of Elizabeth. Mwres was unhappiness. "She was pale," he said, greatly moved, "She was cale. When I asked her to come puny and

the table"-Mwres smiffed-"and cried," "Ah?" said Bindon, respecting this manly grief. "Oh?" said Bindon quite suddenly, with his hand to

Mwres looked an sharply out of the nit of his sor-"A most violent pain. Excuse me! You were tell-ing me shout Elizabeth."

AND Movres, after a decent solicitude for Bindon's nain, properted with his report. It was even unexpectedly hopeful. Elizabeth, in her first emotion at discovering that her father had not absolutely de-

serted her, had been frank with him about her serrows and disgusts. "Yes," said Bindon, magnificently, "I shall have her

yet." And then that payel main twitched him for the ineffectual, inclining rather to regard the body and them as mental illusions amenable to contemplation; so Binden took it to a men of a class he leathed, a medical man of extraordinary resute and incivility. "We must go all over you," said the medical man, and did so with the root disousting frankress. "Did you ever

materialist among other impertinent questions. "Not that I know of," said Bindon, too amazed to "Ah!" said the medical man, and proceeded with his

stand the technical explanations and sesticipations in which the medical man had indulged. "I say!" he said. "But do you mean to say . . . Your science

"Nothing," said the medical man. "A few cointes. The thing is your own doing, you know, to a certain extent."

"I was sorely tempted in my youth,"

"It's not that so much. But you come of a bad stock. Even if you'd have taken precautions you'd have had bad times to wind up with. The morale was getting born. The indiscretions of the pareness "I had no one to advise me."

"Medical men are always willing

"We won't argue; the mischlef's done now. You've lived. We can't start you arein. You carbt pover to Bindon hated him in slience for a space. Every word of this brutal expert issued upon his refinements. He was so gross, so impermeable to all the subtler issues of being. But it is no good picking a quarrel

appeave of suicide" You've been doing it all your life." "Well, anyhow, I've come to take a serious view of

"You're bound to, if you go on living. You'll hurt. But for peartical purposes it's late. However, if you muses to do that-perhaps I'd better mix you a little something. You'll hurt a great deal. These little twinges . . ."

"Mere prellminary notices." "How long can I go on? I mean, before I hurt-

really." "You'll get it hot soon. Perhaps three days." Birden tried to argue for an extension of time, and in the midst of his pleading gasted, out his hand to his

side. Suddenly the extraordinary pathos of his life came to him clear and vivid. "It's hard." he said. "It's infernally hard! I've been no man's enemy but my own. I've always treated everybody quite fairly." The medical man stared at him without any sponsitive

for some seconds. He was reflecting how excellent it line of outhor. He felt quite cotimistic. Then be burned to his telephone and ordered up a prescription

He was interrupted by a voice behind him. "By God!" cried Bindog; "I'll have her yet." The physician stared over his shoulder at Bindon's

So soon as this painful interview was over. Bindon gave way to rage. He settled that the medical man was not only an unsympothetic brute and wanting in the first beginnings of a scotleman, but also highly incompetent; and he went off to four other practitioners

in succession, with a view to the establishment of this little prescription in his porket. With each he began by expressing his grave doubts of the first doctor's intelligence, hopesty and professional knowledge, and then stated his symptoms, suppressing only a few more semently eligited by the doctor. In spite of the welcome depreciation of another practitioner, none of these

eminent specialists would give Bindon any hope of close upon him. To the last of them he unburdened

his mend of an accumulated disgust with medical horly: "and you can do nothing-except admit your helplessness. I say, 'save me'-end what do you do?"

"Die ont. It's an eddy." H E was a young man with a serene face. He smiled at Bindon. "We get on with research.

to ask for it. And we bide our time." "Bide your time?" "We hardly longy enough yet to take over the man-

agement, you know."

. . . But the time is coming, all the same. You won't see the tune. But, between ourselves, you rich men and party becars, with your natural play of the passions and petriotism and religion and so forth, have made rather a mess of things; haven't you? These Undersmoot And all that sort of threet. Some of so have a sort of fancy that in time we may know enough to Knowledge keens on piling up, you know. It keens on growing. And there's not the slightest hurry for live in a different way." He looked at Bindon and meditated. "There'll be a let of dying out before that

day can come." Benden attempted to point out to this young man on "resid"-and had no business to glance even for a moment at "those other questions," "But we do," said the young man, insisting upon facts, sad Bindon lost

his temper His infloration carried him home. That these inof a really influential men like himself, should dream of social control of infleting one knew not what tyrangy upon the world Curse science! He fumed over the intolerable prospect for some time, and then the pain returned, and he recalled the made-up prescription of the first doctor, still boppily in his pocket.

It calmed and soothed him greatly, and he could six down in his most comfortable cheir beside his library aspect of affairs. His indignation passed, his anger that prescription, pathos became his sole raler. He stared about him, at his magnificent and voluntuously appointed apartment, at his statuary and discreetly voiled pectures, and all the evidences of a cultivated wandered from one object to another. They were costly and errors and florid-but they were his. They presented in concrete form his ideals, his concretions of beauty and desire, his idea of all that is precious

man. He was, he felt, a slender and delicate flame burning out. So must all life flame up and pass, he thought. His own filled with toors

Then it came into his head that he was alone. Nobody cared for him, nobody needed him! at any mohowl. Nobody would mind. According to all the doctors he would have excellent reason for howling in tion of the age. He beheld himself as a pathetic proof of this; he, the subtle, able, important, voluptuous, cytical, complex Bindon, possibly howhus, and not in sympathy. Not one faithful simple soul was thereno shepherd to pine to him! Had all such faithful simple creatures vanished from this harsh and urgent that perpetually went about the city could possibly impossible for Bindons Perhaps some day . . . He was mate sure that the one thing he had needed in his was sympathy. For a time he regretted that he left no somets-no enigmatical pictures or something of the sympathetic mind should come . . .

I T scenned incredible to him that this that came was extraction. Yet his sympathetic spiritual guide was science! It had readcressed all fauth-sil hope. To eo ont, to vanish from theatre and street, from office and not to be missed! On the whole to leave the world He reflected that he had never worn his heart smon

his sleeve. Had he after all been too unsympathetic? Elizabeth, for example, had not suspected. . . . He had reserved that. His thoughts having come to Elisabeth gravitated about her for some time. How

That thought became intolerable. Before all other things he must set that right. He realized that there

was still something for him to do in life, his struggle arginst Elizabeth was even yet not over. He could never overcome her now, so he had hoped and peayed. But he might still suppress her! From that idea he expanded. He might impress her profoundly—he might impress her so that she

her postionally-be might impress har so that his daught for exemper report by motorized from the foliation of the control of the control of the control his negatiating. He majorizating 'Verl be his his negatiating. He majorizating 'Verl be his direct fair with seasoning greatiness of Person. He had going to Sow be tell his protect; Me not in materially as a slong document of all metallocating and a single document of his metallocation of the control of the control of the lane pool be sea, how operationly guiteness, currounded has pool be sea, how operationly guiteness, currounded as the control of the control of the control of the control when the angule expression for that approx, the voids of when the angule expression for that spectre, the voids for let to contain give fewers, the final but not by

impelming himself that white dead face.
From that he passed to other appets of the matter, but his determination was assured. He mediated elaborately hefers he took actors, for the drug he had takes infinited him to a letharque and dispatited authorshop, in certain respects he modified detail. He left all his property to Elazabeth it would include the whatesauthy appointed roam he occapied, and for whatesauthy appointed roam he occapied, and

left all his property so Ehzabeth it would exclude the whipteously appeared room be occupied, and for many reasons he did not care to leave that to be? On the other hand, it had to be left to some one clogged condition this worsied him extremely. In the end he decided to leave it to the sympathetic

to the case to search to have "on the significant version that there are presented in the term of promuting in the gas," "If will understand," and linition with a continuousle self- and the significant version and the significant version and the Suppression of the Suppression of the Supersion substantial of the Supersion substantial of the Supersion Supersion S

GORDINA TO THE STATE OF THE STA

both in the restrict. He rose with a sigh, and fimped across to the telephosic apparatus that communicated with the solicitor. In ten minutes a will duly attented and with its proper human-mark signature by in the selicitor's office three

miles away. And then for a space Bindon sat very still.

Suidenly be started out of a same revene and

pressed an seventigatory hand to his side.

Then he jumped septrly to his fact and rushed to
the telephone. The Enthanasia Company had rurely
been called by a client in a greater burry.

So it eme at her that Dorston and his Ellinskin, against all loop, returned unsergented from the above servinels to which they had fallen. Ellinskin the state of the state of the state of the state, as one come and of a nightness. Back towers for a state of the canara, as one come and of a nightness. Back towers for a state of the state, as one come and of a nightness. Back towers for an analysis of the state of the s

Her choice of the spartments they presently took capressed the whemence of her release. They were rooms upon the very verge of the city; they had a roof space and a balcory upon the city wall, wade open to the sun and wand, the country and the sty. And in that balcory comes the last scene in, this story. It was a surpose arrangement of the balls of

Surrey were very blue and elear. Deuton leaned upon the balcony regardess them, and Elizabeth sat by his of the ground. The oblongs of the Food Company, hales and sheds-of the ancient suterris, and intersected by shining streams of sewage, passed at last inno a remote dispering at the foot of the distant hills. There once lad been the sountting-place of the children of Uva. On those further slopes gaunt machines of unknown import worked slackly at the end of their spell, and the bill crest was set with starment wind vones. Along the great south road the Lahor Comhicks, were hurrying tack to their meals, their last spell finished. And through the air a dozen little poisome as it was to the even of Denton and Elizabeth, it would have filled the minds of their suggesters with towards the future in a vain scotnest at what that some

regge to in anceser two surrivers years, and, rescently, turned downstels the past.

He shared something of the growing knowledge of the time; he could pleasure the quant smoke-primed Victorian city with its narrow frile reads of beause carth. Its wide common lead, if it of promised, ill-built and the property of the

of the Stuart times, with its first vallages and its petry
Lundon; the England of the monasteries, the far older
England of the Roman dominion, and then before that

a wild country with here and there the best of warvering relief. These hums male accounts and good and coast good the stage of the stag

After all—there ex a lang time yet. There have have been been experienced as a language of the control of the control of the control of the control of the conproportion. What are generations? What are greaterings in the control of th

"And yet . . . No. I don't know."

Wister ... "Will they ever understand?"

He became sizest again. Elizabeth said nothing to these things, but she regarded his decarring face with infinite affection. Her mind was not very active that creating. A great contrictionari possessed her. After a time she had a gentle hard on his beside bet. He fonded it offety, still locking our upon the spacesass.

Denton recalled himself abreptly from these spacious issues of his leisure, and went in to fetch her a showl

OUR LITTLE NEIGHBOR

## O Moon, though backed with lornest cold,

You show a brilliant face, And naise the tide to brake our ride

Through planetary space. Subduct your shadowed morning plains,

And tense your glare of noon, When Tycho shines with radiant lines,

Your glowing summits tower above

A slowly dying right, And sheer and grand your ranges stand

Where afternoon is bright. From terraced walls and ragged rists -

From ridge and streak, from cone and peak, A mellow splendor springs

Yet neither flower nor fragrance | Your dark and empty seas; No sound or bird is ever heard, Or sentle evening breeze.

Your cliffs impend, your chasms yawn, But juy forsook you soon; What life it left is nearly death,

O rad and lonely moon.

—By Leland S. Catedonal

# BARON MÜNCHHAUSEN'S SCIENTIFIC ADVENTURES

by Hugo Gernsback

7. Munchbausen is Taught "Martian"



UNCTUALLY, as always, at exactly 11 talk, after which the Baron went on "I are very much pleased, my dear Alier, that my

we could bridge the 60 million miles between Mars

"But to come back to

I told you how several

the structure at the heels of our host. We moved ately; the hellway appeared as light so day, but we could not see where the light octainsted. Later, we

"At the end of the hallway was a ponderous massive nevel with a door-like appearance. It must have been at least 125 feet high and 30 feet wide. It looked

our host was but 10 feet away from it, it suddenly blazed forth in a brilliant golden tight which scomed to quickly up in the air just

farge circular salon-like "I say rejustantly ad

you had brought back to

"While we walked over the hard metallic-appearing

\*As radio owers travel at the speed of light, i.e., 185000 miles a second, it took over 5 minutes for the radio impulses to reach Mars. Affinishment therefore bears his talk 5 mounts

"Exactly so with us Only Caesar would have upade a item of only 1.978 years, whereas, we made a forest



We speck not the occurrence of the idea that there femetes were come not of surrectives to our heat and it was nearlief fast that were "mirrially an examinate. They appeared he is writing and multip and differency too, but there were noted, so begins a super, an experimental as into the surrection of the surrection o

unddenly. We have been on Mars eight days now and

Ruler of the Planet Mars. The house in which we were more in which we were standing was what you marks

call the Ruler's office. "Here I must stop again to advise you that it is extremely difficult for me to explain in existing percentral terms what we see, hear and feel, for everything on Mars is so totally different from what we are necus-

The thing that struck us with the greatest force at

transparent. The room, which is about 150 feet in diameter, is about 60 feet high, with an importuse wolden transparent cupon forming the celling. The tables, the chairs, all the furniture, as well as all the objects for carnets on which we walked. But the wonder was low, where light-not a brilliant hight-and you have a

this wonderful moserial sould be treated at will be the Martians; for, the luminous rugs on which we stood were soft as velvet, while a desk-like object nearby most of our attention were the luminous walls. They wast amount of small hexaconal plate-like facets arranged semewhat in honeycomb fashion. These bexaroust cells were constantly changing in soit colors. and the most unique, as well as pleasing, geometrical designs in colors were thus unendingly produced. It was a fascinating sight, and we found it hard to take our eyes from these walls,

"At the far and of the room we noticed four Martures. Their hands seemed somewhat smaller than Her the men, except that the color of their metallic looking dresses was of a much lighter shade. But it was not these females were some sort of secretaries to our host, pently, too, but there were no pencils, no books, no

"The 'operators' were watching the point of the luminous red intently, and the expression of their faces in a while they seemed to relax and at that moment a curious white ray seemed to your from the light your of the red out the took of the dark one. That was "While we were still wondering our host motioned

luminous, the other seemed dark.

soever that a terrestnal secretary requires to get up her "Each will sat motionless in front of a small glassthe center, from which projected two small glass-flor rods, each about 4 inches high and as thick as a pencil. pointing in the direction of the girls. The rods were both pointed at their ends, and while one appeared

percet glass, but when we put our hands on them they glass, were soft and flexible as an air-ctation and

and our legs and feet projecting straight out on the sest; a faint smile from our host, who sat down in his own cross between a rectangular table and a flat-ton deak garnished in its center with a hope birthday-cake-like

affair with 10 transparent and 10 dark glass-like can-"Our host then turned to us and looked us over long and carnestly. His large, liquid blue eyes were wonwe had never before beheld. His face had a very benevclent expression, and the features were clear and sharply defined. He appeared tremendously intellectual.

yet will-power and strength of character radiosed from his face in an amarine morner. We thought that of to us to close our eves, which we did. The following then becomed and I will describe it so well as I con-No somer had I closed my eyes than a view picture of the Earth with its continents was flashed in my mend, just as if I had tried to think intently of the sky. Then in onick succession followed our 'Inter-

the Marrions with their wellow rays and their floating fortresses, then an exact picture of how we appeared at over landing on Mars us, not in words and not in a strange imprage, but mo-

were perfectly familiar to us, ma in words which weeld have had no meaning for us! Water there was a half, we opened our eyes in satorishment and biningly bewidered into the similing eyes of our support host. He seemed highly animed at our satorisment and once more be motioned to us to choic our eyes. "For the new higher, or more was bed our first become "For the new higher, or more was bed our first become

"For the mest hour or more we had our first lesson in 'Martuna'. In easy stages our host first fleshed surple pictures into our musts, which were then followed by scenes with various actors and explanations just in a moving picture scene, where the resident must infer when the artists are marting and the first scene.

in a moving putture scene, where the mind must infer what the actors are asying to each other by the expression of their faces and their obvious sections. "There was a short passe, after which our host launched into the "Evolution of Mars". We were farst shown how the planet, millions of years are, was but

a netwise floating in spece and how the relation sleady became is relief updress. The early life of Miser were then pictured, which must have been reastly like the couldrain of our own Earth. We saw the pertendence Maritans with their clife and stored, then we saw for a long period the observations of Marr down transpit a long period the observations of Marr down transpit restrict mondition was readed. There were the war, the barkstown and the thousand other reliefs carefully those experiment by man on Earth. Evolution, after all, is the same throughout the Universe, given like

the barbarous and the thousand other code carefy to those experiment by ma on Earth Evolution, after all, is the same throughout the Universe, given his examinant.

"As the same throughout the Universe, given his and the same throughout the throughout the angle of the careful and and fin manif devel took legge or increasing with each whoequest generation. We were shown how by occase and inhard near, as well as vast rivers, driving upgrainally, and hyse the well as vast rivers, driving upgrainally, and hyse the

and themiss. No true happenss and consentence, beover, securing to exic on Mass and though transference was established, till gravity was conquered and money was abolished. There had been wars and disorders up to that period, but it seems that these three advicements, apparently invented and originated at about the store true, emancipated the race congletely, As we found out litter, this period was reached amon

"Beginning with this period only did the Marshins really become groot. We saw how an less than five generations speech had been entirely abeliated, it been generations speech had been entirely abeliated, it been generations to provide the form of the possible to 'converse' over considerable distance by insught transferance, We were shown the evid of two and how finally one universall language was adopted by all races and nations. We saw the also historion of generating and the same provided and the transfer and the same provided and the same pr

gunstion of a Universal Council and a Planet Ruler, both elected by popular votes. "We witnessed how the once dense air became thinner and thinner and how fertile valleys turned uno deserts

and thinner and how fertile valleys turned too deserts on account of lack of water. We saw the transmittation of the metals, as well as the transmission of all other matter. Thus we were above how ire or lead was timed fitting gold or copper, or into any other nextl. Or cle bow matted or stook was turned into steel or gold or other metals, the same as day can already be turned into abunitum or Parth took. "Simultaneously with these discoveries, we witnessed the unlocking of atomic forces, which was the last great Martism discovery in the final mastery of the Planet.
"Where extermination had started the Martisms in

where externations may stars the systems in the fire in account of their constantly decreasing where supply, the new atomic expans, combined with the con-quoting of grawin, dispidle all tens for the future Darlang the next levy generations we were under to see the first property of the control of the systems are systems of the systems

'canals'

"In quick successor we were than shown all the properties and revolution on Mass during the last thousand years. I do not attempt to go into details here, as you would nevel you to group the meaning. Notifice the I satestip at this time to explain all the wooders that the contract of the properties of the state of t

"After our hose had concluded his first Tecture" he watched our utter armacement with the henceolent unite a found mother will bestow on her four-year-ald child, after she had finished utiling him a particularly interesting fairs story.

"After a short time we could understand him quive well by his unrous as well as by mere pieture talk without felring our eyes. He deen made or understand without felring our eyes. He deen made or understand the experience. Piletrone feet I feath formerly, for our best chock his best smillingly. Then I tried is load as the studies does, which not of the Mertians had planted on my host, made no too warm, I feathful member that the had shown as during our letture that must be proposed to the studies of the studies of the must be that he had shown as during our letture that the highly transference was impossible without the mode-

<sup>4</sup>) then precoded to concentrate my nells and began hatting row blood of Filtenius, and how is appeared intuiting row blood of Filtenius, and how is appeared to the control of the control of the control of the registrator removing down not forested from the anreal control of the control of the control of the employs as Filtenius? I was much that down the samplesy as Filtenius? I was much that down the samplesy as Filtenius? I was much that down the manner, so pit for invarience of the samples, or nature as uninessed with the control of the control of the samples of the control of the control of the samples of the control of the control of the televier was control

tirely. He also carrioged us that as all thought-trans

tor, preferably the ground. As we could easily guess fer our thoughts from one to the other.

once. We surprised ourselves by our success. Not course, the massual strain gave us a beadache long be-

"As if our august host had divined the strain on our ns see for ourselves with our eyes, materal of with our

"However, we quickly began to understand and apbecause if he had not done this most of the things we planations are insturally, based upon that irreportant

"We followed our heat outdoors, where we boarded haved much like our own 'Interstellar,' that is, it had no the air. The gravitational attraction of Mars is zeutralized by the atomic engine to a certain degree. The Ray is used. This ray is the joint product of several poor scalegy, is found to your radium emanation, but the latter is several million times weaker than the Martian Emenation Ray. This my is projected into space by means of electricity and another source of energy which I shall term ION, as yet unknown on Earth, and to be described by me later. The Emaration Ray can pery. When it strikes an immovable object it acts exactly as an our does when it is used in 'pushing off' So the Emanation Ray is used in controlling the hori-

"Our fiver was round in shape, resembling a disc, and measured about 25 feat in diameter. It was simost 6 feet thick, and like most other things we had seen on Mars, it was transparent. In the center was a dome that looked like the coming tower of a submarine, and a slender metallic pole extended from it almost 25 feet into the air. It branched out at the top into three short brackets, at the end of each was a transparent ball about 10 inches in diameter. Between these balls the Erranation Ray played, and the latter could be and there were two 'drivers'-which you probably

hoen. The two drivers sat in transparent chales, not unlike our own, and in front of them was a little round

upward with amazine speed. In a few accords the Empression Ray went into action, and we began to fly 'noon,' as the sun was about overhead; this must have

"We were now floating some 1.500 feet up over what we afterwards learned was the Martian National Capital, the 'city' of the Ruler. It is located in the elliptical apot which terrestrial astronomers have 'marked as

'Solis Locus' on their Martian mans " "As if our host had divased our innermost wishes, waterway which you will find in your Martin man

"The Martian Canals! At last we beheld one of them at a distance of less than 2,000 foot! The riddle of terrestrial astronomers for over a century! The And now we saw them close by with our own even!

"The 'Canal' proper, which is termed 'Nectar' by in a perfectly straight line for over 500 miles and in shout 20 feet deen. Like all other Martin waterways. it is lined with the Universal Martian material termed in this instance is waterproof, is an electrical conductor on one side and an insulator on the other. Yet it is a solid body and much harder and tougher than steel The conducting ride is turned toward the water, and when a certain current of use is sent through the tor, tional attraction of Mars is neutralized thereby. It is now an easy matter to move the tremendous masses of

water, a problem which your earthly scientists could never solve "At each hank of the vast waterway, we saw immense towers about 2,000 feet high. These towers are

of every canal. Their purpose is as follows: "At the too of each tower is an immouse 'pyramid,"

\* See accompanying map of Mars Solio Laces is located at about 30" lateract and 90" longitude. Nectur runs from the customs (firlt) edge of Solio Laces, due case. See page 155.

mode of a certain variety of for. The sides of these pyramids are insmed of thousands of small blade cells, which, when exposed to the Sim's rays, about the lext of the latter. As the searies of these pyramids as very large, a proportionally large amount of host is received. This heat is directly treasflormed into say and stored within the pyramid. The latter turns on it axis, so as to present the larger possible surface to the Sim from summe small remost; also as more power is generated than is needed during the dujutos, the occess is used

"Now, then, from the top of the pyramid a gigantic Emanation Ray bursts forth, fed from the stored son,

Emanation Ray bursts forth, fed from the stored son, originally secured from the Sun's beat.

"This ray is made to fall over the entire width of

The ray striking the water, which become it has no weight, does not reast, must naturally move away from the direction of the ray. This it does, the Economics Ray 'pushing' the water at a rate of about 2/4 miles amount. If it were not for the ray, the water waid, of

eourse, be entire ways are exactly

"As each tower assists in moving the water over a certain distance, the water grantally sequence movedtum and flowe slowly but steadly. Before the meetium has been expended, the next tower is resolute, which pushes the water on to the next ener, and so on through the connect length of the Caral. You will miturally mederated that these towers used work inglish as well as dorming the day, their the water would not flow

during the night. The stored surplus power during the day makes the possible. Perthermore, the towers work to their full effectory and uninterruptedly year in and year out, for there are few doubt to hitch the Sun on Mars, as is wall known, consequently, the pyramida are hardly even without power, except sights.

"You realize that all the towers must throw their types in the same direction, which, of course, they do:

North to South, the rays face the South. During the next cases, when the flow of the water must needs be reversed, as explained to you yesterday, the Emmattion Rays will all point northward. Thus one of the great problems on Maria has been solved. But what does the work? This all domentating Sun.

work? The all domenting Sin.
"And what moves the waters on Earth? What condenies the waters from the occius and lifes up myriads of tons of water year in and year out, to form clouds, which later produce the ruins, without which your rivers would run dry within four weeks? The Sun, of

"Only on Earth the Sm does it in a natural manner; here on Mars, the Sun works to the same effect, but a without the intermediary of the clouds."

There was the familiar mapping sound in my reocivers, a low chick, and everything was quiet. I knew

work rights been filled to expacity, and that I would need not flow from Manchiberson till the next execute.

# 8. Thought Transmission On Mars

WAS will demanting, lost completely in a line cloud of pipe mode when my detric clame, controlled of pipe mode when my detric clame, controlled the pipe will be controlled to the lost of the controlled to the lost of the controlled to the lost of the lost of

and I hearted expectantly for that dear, recabling septimal water. However, he had a little supprise for see. He did not speak; instead, without warring, there soldenly broke into my ears the most arraying music a mortal has ever heart. The sound was so loud that I was actually forced to trick the 'phoeon' from may had and place them on the talke, and I had to go so the far and of my talknowney in order to heart the studie at its and of my talknowney in order to heart the studie at its

here.

And to think that I was literaing to music which had originated on Mars 60 million miles away! It was also must underloadle! But there it was, filling up the order room with the most delightful music. Somethics 8 knowled like an immense ordering, than again file a celebre internament. At other times the music sounded like a celebre internament. At other times the music sounded like a celebre internament in the control of the celebration of

ad different in quality and volume. Moreover, all sounds were unstanned, they never brake of sharpity and the attack from one instrument seemed to make irise that of the state of the stat

the main emails of all down as a plaintic, explicit count which induced to the to a view. When a count which induced to the to a view. When a lab lawly objects the set of the count of the "Code creating, or you of the count of the count of the county objects the county of the county at any safe lyrest all it wall! I law you enjoyed not to the county of the county of the county of the lawly objects the county of the county of the set of the county of the lawly objects of the county of the county of the young is larger propriate. Another, I am county or to be compared to the county of the county of the set head the Christian study, you want to lower low the set head the Christian study, you want to low low the set head the Christian study, you want to low low the set head the Christian study, you want to low you want, you want to be compared to the county of the set has the county of the county of the county of the law was county of the county of the county of the want of the county of the county of the county of the set was the county of the county of the county of the set was the county of the county of the county of the set was the county of the county of the county of the set was the county of the county of the county of the set was the county of the cou The ends of these windings go to a sort of switchboard are cornected to this organ-like instrument. By depressing a key, a certain pulsating current is sent reces in the cas red, which, of omere, is conductive, These stresses in the rod set up oftentions and cause the rod to swing like a puno string-sound is the result. produced. When both cosis are operated at the same time, interferences take place within the red, causing the count to change in its quality. Thus by operating by using different amplitudes, almost every imaginable as well as unmagnable sound can be obtained. It is words; a road player is able to instant the spoken or

"Nor does the wonder stop here. By using a sufhe heard paintly over a distance of 10 miles. Indeed, all outdoor concerts on Mars are given by menus of a men orchestra and to a dozen tenors, all going at one

"But this is not all. You know that if a rod is vibrated at a sufficient frequency, it will sound a certain nete. The faster it vibrates the higher the note will be. If we keep on increasing the speed or vibration we finally arrive at a stage where the note is so high that the human ear is no longer capable of hearing it. If we keep on increasing the frequency, a stage is fractly reached in which the rod sends out waves that have the velocity of light and electricity-186,000 miles a secand. This, of course, is well known to your physicists

"The Martians make use of just this principle in less concerts. The operation is sample indeed

music plant is operated by a single Martian, who, of course, is a musical genus. He operates one of the argun-like instruments of which I spoke before. Beenomony frequency. I have stood in front of them while they were operating so close, in fact, that I could

When this was written, radio load speakers were not known, Recently radio lead speakers have been invented which this three manic and the lansin water as distance of secural

have touched both rods with my hands. However, my ears detected not the slightest sound. Incredible as it seems, millions of Martians, sq that minute, were listening to the wonderful music produced by these sent rods, but not with their ears. They were listening with "I told you a few days ago, how, when we first landed

on Mars, we led been answed to "hear" searches of a wonderful music inside of our heads. What we had two for rods some 2,000 miles distant! Of course, music have been wafted over thousands of miles on earth already, but your scientists still require huge are not yet themselves audible to our cars. You are still using a variety of coils, detectors, telephone rehear them.

"Not so on Mars Every Martian is required, for peculiar soft metallic cap. From the back of the cap. a thin metallic cable runs down the Martina's back and is factored there to his metallic coat. All Martian wrave. Now, since all pavements and all flooring, carpets and rugs are metallic on Mars, for reasons which with the 'earth' or 'ground' is always effected "The metallic cable of which I just spoke does not make contact with the cap itself, but it is involuted

therefrom. It connects, however, with a small reddish metallic plate about the size of an American silver dollar. This plate in turn, by means of a flat under presses against the temple of the wearer; the can holds the plate in place. A similar plate presses against the other temple, but this plate, milike the other, is connected metallicly to the cap study. From this descripfunction of a radio neral, while the metallic clothing forms the ground. The two reddish places pressing against the bare temples are made of two metals musurface of the plate in honeycomb fashion without touching each other. Now If the two plates are pressed

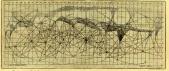
tions of a certain frequency. It has been found that which is located to the territorol loke of the brain sounds can be impressed upon the brain without re-

"If the should be semewhat hazy to you, a homely As first blosh one would think that the ear is abus-Intely essential for hearing, but this is not the case.

Try the following simple experiment: Ston un both water cars as tirbaly as possible with cotton so that you will not bear a sound from outside. If you are partly deaf-and I trust you are not-all the better for the separature. Place a during necile hereon year teach by lining on it hand and take are that your like one of the place of the place of the place of the jets about one into from your month. Now openes an orduring viles phonograph and work ener press down upon the round with the secolic's point held at the same angle as the representary anothe in held ordinaryly exceedingly lood and clear. Off course, in this case, you still have with your cas' mechanism, the sound vibrations being earned to the actrium through the boson of the heard, but it is interesting to note their life.

detect these wave transmit the those "The medium found in the Ma tive to the broom"

toms in the shirehar tempts plants, commonly share two to the brains down worselengths. But also only do the control of the control of the control of the waves; they also translate them directly late a leaguerither worselength, which in turn is falso on itsi space shiller to a radio signal. While these waves are fairly strong, their intensity is not sufficient to carry these over great distances. As a matter of fart, thoughts have only been grunnstatistic of marse for a dispasse.



That courtery Fuel Persived Levell, Lovell The above may show Mars and its crashs in Manuals As objects agrees upside down in the bisocope, it about more interface, the days for above may, that the last is first and market when helpful the above may.

#### ed when desiring the above may, that the may in facth, the horizon of reg facts in talk. West in mind thele have the nexistry of the dark is not facth and Seath too Booth and North, because the paint, Tanasich is necessary in under he context the water from the mediag tenal

"Of course, the function of the Martian apparatus is based on an entirely different principle, and the above

could plates, pressing signifies the temple, are was defully standing to other waves, in that they exceed toermoutly the most sensitive radio descetor ever usverted by your relicability. But only do these wasderful temple plates serve to bring disease music to the Mariansia humb, but they still have a more important function. The fact was stready meetinged to you have we first mode our exquisitance with thought transmis-

"All self of thirthing, as we know it and as has been been understood on earth for a long time, is merely the understood on earth for a long time, is merely the test. The harder we think the arroager the trimulation this simulations in turn sets up an undeliatory motion in the effected being cells, with the result that those cells must of mecanisty turns files a piezu wide. But sayshing their whintee—no matter what the frequency—must cet up waves. Thus we eccent to the conclusion

#### group, our reps outsingual. The enemie can be girledy seen may ever the deed mode, which are therefore and note, but your earers of the deed mode, which are therefore and note, but your earded the contract of the contract of the contract of the conduct quite, any is to themed and to be desired to be chirally to the contract of the contract of the contract of the contract facts, upon, because it group, parts, critic, st.

comprises, extra hegly wentilve appearant height and all most for the experiences. As a real the Micro and the most for the experiences, the same that the Micro and the most for the experience and the same and the most for the many waves and otherwise because to operat. If a moster of a same and the most form that the most form the most

strict

"Exactly the same is the case when the Martian conlistion versus by thought transmission; his brain 'hears' only

Now that which he actually wishes to hear and nothing else.

Nor can one Martian force his thoughts upon another if the latter does not want to 'Esten.' He samply shore the other out, just as you can shut out your friend's voice if you do not care to listen to him. You 'tune'

is triking about. The same is the case with the Martson have anyone 'listen' to his thoughts, he simply pushes the plates away from his temples, when, of course, no

"But, as used, I get ahead of myself. I believe that I told you last night how we had taken an excursion over the mighty Mars canals with our host, the Plenet move the waters in these miraculous carale. After

ent chairs. "Gur host also rearmed his transperent chair in front circles. Our host sitting at front of the deak formed the center of one of the sami-circles, in such a manner

"The august ruler hardly sat down when a 10-feet

sound. Our bost immediately assumed an exceedingly grave manner and motioned us to pay close attention. "The rainr of the Planet Mars placed his finner upon a black button-fike contrivance in front of him and

the button changed its color and became almost miller white. Simultaneously its upper sinrp point began to glow in a blush white color and a faint discharge, not unlike tobacco smoke, struck our host scenardy in the transparent and it did not make the alighner around. quiddly to change to a pisicish color during the next

another surprise awaited us. His expression was contimally changing; conclines he would stille, sometimes he would look very severe. At other times he thing; then again he would sway his head alightly from one side to the other, but at all times while we were

"Indeed, as we were to find out later, this was precisely what he was doing. In other words, we were witnessing how the Ruler of the Planet Mars was

"While we were still murveling, the genomeck stopped its discharge—the ruler had read the first

"We were to see immediately how be answered it He simply touched a red button in front of the black we did not find it difficult to understand that he was transmitting his thoughts pertaining to the 'letter' just

few minutes and when he had firmhed he necessed upon the second black button in front of the record goose "For an hour or more he thus attended to his 'enr-

neck-he was now 'reading' his second letter. respondence,' never slading, never resting a minute.

as a quick worker. Of course, we had no inkling of what was going on; we were to born the details leter "Brufly they are as follows: The Planet Mars is Zone President. Those ten officials, southered over the planet at different points, are directly responsible for the welfare of their zone and report to the Planet Ruler once each day at a certain predetermined time. "As the most vital question on Mars is inversibly

the supply of water, nine-tenths of the Planet Roler's battle for existence on Mars that the misalitarity of the planet themselves are always considered after the has fewer recognition than that of the Rules. When are immediately transmitted through a cable to the executive capital and are received by the Plants Ruler. I described a few dissutes ago the manner by which the message is received by ham. Simultaneously whole the Ruler's desk, which is used to receive the transmitted thought waves, is a sensitive recording mechanas follows: A thin metallic ribbon of the thickness of

The thought woves acting upon an amplifying averem operate this styles, which to turn engraves a continuour wave line on the thin metallic ribbon. This wave well as you can read an electric ticker tape. Thus in the authores of the capital and, being of metal, it

"But I note by my chronometer that the time is un

radiomatic on the moon will be full to causarity. So I

dreams till to-morrow.

# THE OCTOPUS CYCLE By IRVIN LESTER and FLETCHER PRATT

He was interrupted by the arrival of an excited

"The beat the is smeler. She go,"
"How?" "When?" cited the frow, leading to their (set
and starting down the road in the direction of the pier.
It was too true. The Morgans, out beyond the reaftime, was marked by a true plane of mobile from he

line, was marked by a truy plume of mode from her funcel, and as they guard, the seemed to move a lat. "Quiek!" shouled Weyl, "let's push off a flow. Followed by the Englishman, and as longer distance by Duperret, he moof for the pier and leaped hato the Propelled by and not our, the linite critic began to wing out from the pier, and then canding the lind between in its full wavegul, harded over. Duperret drew

and looked toward the Morgana. Suddenly he turned with a short bitter lungh.

"Look," he said, positing. A few hindred yards stand of the dhow, Weyl and Mulgrave saw a globaliar grey shape among the waves. From a, lying flush with

grey shape among the waves. From it, lying fluids with the water, sadiated—tentacles. Weyl put the tilter over to avoid it, and as the crick awang saw another, and then another. It was the end. But even as he recented to wear the little skip round.

and run lack for the part, if united they could make that temporary after, they are on levyoud the both some globular head and approxime arms a transpass furtherspectual run the water with lattify a ropple. It was charging straight at the cereput, and to they watched, there was a soulf termilly in the water, the first of a deck, wet, shark healy, a vision of chanfung rester, and the globular food of the rope two terradates, waving valley. Off to the right, and see given the result of the results of t

life flin was consing, followed by more—a half-dozen, a dozen, a score; and suddenly around each of them there gathered the which and flush of a combar.

The show drew sheat, with toward the center of one of those tunnilipous with roward the traiter of one of those tunnilipous with ghoets. Out of it dis-

solved an octopus that was only man an occupan, in tentacles from and a lung goah across that informan puredy of a face—on octopus that was striving windy to except from a flashing fast that an behind it Weyl shouse—Duperret kepus to weep; the unffected cars of loy of the convicual Frenchman and Mulgrave, stirred from his imperturbability, was shorting. "Killer wheles!" to an audience that had eyes and

water that the follers, stronger and swifter, if less intelligent, were the victors. The octopeses, routed, were trying to get away—as vairly as the natives had tried to sprace from them.

escape from them.
"Let the bally yacht go," shouled Mulgrave to Weyl.
"I must to valve this."

For fifteen, twenty minutes, they watched, until they sow the vanishing fin of a killer moving off to northward, signal that that part of the lattic was over, and that the killers were departing for new fields of triumph. Three nea, with hearts lighter than they had know them for weeks, manoeweed the bost back to the pier.

them for weeks, manneavred the bost back to the pier.

CHAPTER X

HEY seem to be gone, sure enough, "said Weyl,

to saing down on the sales a braze of the native phonounts. It was only two days later, but he had returned from a form bard's their but pungle. "I don't even come arross the traces of a single see of them—unless you can old a trace the fact that they seem to have cleaned out about all the serimals in this

seem to have cleaned out about all the attimals in this district. Even the mortelys are genn."

"Do you think they will come back?" asked Major Larriet.

"I am sure they will not," gaid Werl. "There seem

d "I am sure they will not," said Weyl, "There seem to be perfect should of killer white off the coors, at it mated no doubt by the ectopasses, which are their far wome food. You may be sure they would hunt down to every one, as the killers are very vecasious."

"But what made them appear in the first place?"

"God halows. It is, or was, since they are row gone, excess phenomens while the that which produces the learning magnature every twesty-sight years. You, Mulgrave, are a bloslegic. You know how, once in westly-sight years, those latle rat-like atmusis been in such gambers that they overram whole districts, and

then migrate into the ocean where they are drowned by
the thousand.

"These cotquises would have plenty of opportunity
to develop their extraceditary size and intelligence, as
well as their quality of breathing air by life in the shaltable, described lageous all around Madagasser, and it

a learnings, they would breed in the vast numbers which
we saw. It series the only logical hypothesis.
"In say case, there is nothing for the rest of the
world to fear. A sert of wireless telegraphy seems to exist nameng animals with regard to neighborhoods where
food can be obtained in quantities, and just as you will

Where whales gathered around this visitation of gasn state fish.

"It is one of Nature's numerous provisions to right the behave of things on the earth when they threaten to get out of joint in any offerction. It may other enemy

may be sure he would find an animal ally.

"We were merely panie-stricken and feolish to think
we could accomplish mything. We should have
wisted."

"We should have proposed to the strick of the strick of the strick."

"And now, my friend," said Duperret, "I suppose )
of must hid you farewell "

"Yes. I am anxious to get inck to my monograph
on the Ammonites of the Upper Createcox. It will
astorish the scientific world, I think."

# The MASTER ANTS by Trancis Flagg

Author of "The Machine Man of Ardathia."

A Strange Disappearance

"Palpelly a boox."
"And yet the handwriting is theirs."
"Or a forgery."
"A clever forgery then. Schultz is a

"But the thing is incredible."

The two men leoked at each other helplessly. One

amont entered livery. Served for before among the manager that the large-pool for monetal-house among the manager than the large-pool for monetal-house among the manager of the mode of t

ploy of the lawyer for five years. Seemingly, the internal contraption had materalized out of thin air. As if this were not startling mough, there was the

"I found it," said the lawyer, "in the midst of the wreckage." The third member of the party, an ordinary

the manuscript with our the manuscript with our onty. It had exidently been tightly rolled and was yellow, as if with age. "You say," he said, "that this purports to be a monage from two men who dropped out of existence some twelve seemls ago. A+ I am only visibing

be too much trouble.

"Not at all," replied the Doctor of Science. "John Residents was a fellow professor of mine at the

ben with Suddist, working for way through culture plant with Suddist, working for way through culture aim of about fetty-old, welchance in several critics as a british of a superior of the suddistrict for facts, be to studied under, and concentrate playment methanics. He head with his widowed index in a large, off-fashered foaus on Promotine Way, are had a spreading coupped bittomery there in write the substitute of the suddistrict of the substitute of the well-substitute of the substitute of the substitute of the well-substitute of the substitute of the substitut

University and held the chair of Physics, Revenued

more as associatory with ins secretary on the 18th of October, 1920, and sover come out again! But let his sister give you her version of the affair 1 chipod this timer-we with her cut of the Saw Francisco Evenimer and sovered gi."

The M.D. took and read the proflered piece of paper.

"At four o'clock Raymond Bent came and I let him in by way of the side door. He chatted with me a few minutes before going to the liboratory,

cased to pass it sever times on my way to au from my bedroom, M from my bedroom, M brokker never to i'd m about his experiments, as it was understood I w never to erner his work or own One time the doc was a jur and I saw the two of them standing by som soot of a machine. That I

way downstairs, I beard a terrible crash. I guess was a perity bail one, because all the platest way to work a perity bail one, because all the platest we knecked off the ceiling in the room below. When you then dish't answer my call. I gue frighten and were in. Things were uport—you know, best and things—but neaker Best nor my brether was the side of the company of the company to the company of the company

ONE of America's great endoundaging usely the crati-



Relevicetly, the hatherne ming thembered approve until it had neitled their femily on nock and absolder. These arises traded down my checks, gripping the corners of any neutral of a larging theretapped their . And at 7 feepts to assess the analysis of the control of any or neutral and a larging theretapped their . And at 7 feepts to assess the analysis of the anal

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"Wasn't there talk of stassing mency in connection with the affair?" asked the M.D. Scena to me, The nationally-known lawyer moded. "Unfor-

serial numbers of tilker asked to him have never At this juncture the doorbell rang and a few they were scated, the lawyer addressed the gathering astroserrot. "My letters, I believe, explained ade-

signatures in the manuscript to be identical with that of the specimens submitted."

Thus bidden, the lawyer cleared his throat and

# The Document

WHETHER any human eye; in the age I have left behind me forever, may chance to read When I came into the Professor's laboratory on

the afternoon of October 14, 1926. I had not the absorbed in bukering with the merhansen of the caught me smilms. "Impossible fetion." I remarked Suncly you don't think there is anothing monthly

"But to travel in semething that has no reality!" "What is reality? The earth on which we stand? The sea on which we said? The air through which

attributes with which our scases endow them?"
"But I can south the earth," I protested, "I can

In that sense time would have a very real surmiit sen't possible to move ahead in tene not frits lack of enough imagination to hit your brains out

"Perhaps so," I replied, reddening angrily; "but save in firmon, who has ever savented a time

"I have," answered the professor. He smiled at my look of dashelief. "Now this thing," he added, putting the succhanical creation affectiouslely, "is It was the first time he had ever told use what

"You mean it will travel into the futire?" I asked

He walked over and shut the door with a bong.

"That is splended. Then there is nothing to prewent our giveng the machine a trial this afternoon." The machine had two seats, with backs probably two feet high The Professor scatted me in one of

them, while he occupied the other. "Just as a prebuckling me in with a broad leather belt. In from of himself he swang a shell-like section of the apparatus on which was arranged a number of deals might be were hidden in the body of the machine,

"That," said the Professor, indicating a died, regisleather belt, which holds you in, you will discover comfortably in his seat and grasped the lever. "Are So business-like was his manner, so self-assured. What if the confounded thing were to work! Then my commonsense got the upper hand again. Of course it wouldn't! Already I began to feel sorry

a purring noise; but that was all, I smiled, partly with relief, partly with dension. "What's the mat-ter?" I asked; and even as I spoke the whole room seem five a cividy ton and dissolved into blackness. me. There was an awful sensation of turning inside of disintegrating icon and steel. My first thought, The machine had turned over, or exploded, and pearly killed me. That's what came of listening to burbonse professors and their crazy inventional I felt my head and horbs blindly. Sound enough, I seemed, save for a few scratches and bruses. I

Even as I did so, I became conscious of the fact that black whiskers hung down on my own breast and that the too of my head was as hald as a lying on a prairie-like expanse of country. Some trees were far off to one side and the immediate plain was covered with stressed bushes and tuits of grass. Anything more different from the laboratory could not well be imarined. As I stared stunefied "I'm airaid," he said in a voice that was his, yet

strateried to sit un; as I did so, I came face to face with an old man with a tangled mane of gray hair

curiously changed, "I'm afraid I overlooked a very vital thing." He shock his head, "How I was so stepld as not to think of it. I can't resistant

"Of the almost elementary fact that as we igurneved into the future our bodies would are. I IS words brought me to my senses. Incredible as it seemed, this was the future. At least we

the laboratory. And undoubtedly physical changes had taken place in the Professor and myself. "Of course," replied the Professor, "at once. But

I looked at him dumbly

"As you see," he remarked, picking up a piece of rusted, crumbling metal, "the machine just keep go-

have had a lucky escape." "A lucky escape?" I echoed. "Yes; for if the machine had not worn out when

it did we would have gone on until we perished from old age." "But I thought you told me once that old age "I did; but you can readly understand that in our lowney through time we encountered more or we traveled through a century, say, the less action

given period of time. But stil there would be caoush to are us after awhile. At least, such seems to have been the case." "How far have we come?" I asked. "I don't know. All my instruments are destroyed.

As you see, the machine is junk," "Hur we can build another. "What with?"

I greated. Machine, tools, wrapons, all were old, the rotting clothes falling from our backs, with only our bare hands to protect us from whatever age. With despairing eyes I stood up and scanned the horizon. "Look, professor, look," I creed, seleme him by the shoulder. "Aren't those men running

The professor focussed his eyes in the direction ing seemingly just topped a rise, was a body of what appeared to be men. Even at that distance angles with their bodies, and their arms dangling

"Those are the queerest looking men I've ever old men spread out into a semi-circle. There were probably twenty-five or thirty of them, naked, with their backs and on the weather sides of their arms over us, they reared back-much as do horses when reited in-and came to an abrunt stor, shaking their heavy manes, and powing at the ground with their

"Very peculiar; very peculiar indeed," said the Professor thoughtfully. "Except for the clearly defined features of their faces and the general structure of their bodies, one would not take them for men

"They seem more like apes," I retorted. "I hope they're not as savage as they look. Speak to them Professor, before they start something, and see if

The Professor held up one hand in a peaceful pesture and took a sten forward. He raised his voice so as to make it carry across the thirty or

forty feet which still separated the shapry men "We are American transfers!" he shorted "Te there any among you who can talk English?"

The only response to this was a snorting and a rearing, accompanied by a rustling sound which affected the nerves disagreeably. Several of the

sharry men broke from the circle, doing a great deal of plunging and maring before reluctantly coming back into formation again. "By God, Professor," I said fervently, the goose-

"Three creatures," he winessed, gesturing towards

"That there is something on their shoulders. I thought the Professor was taking leave of his senses. What could it possibly be," I began, then stropped, for the slangey men were in motion. They and made us retreat before them. It was then I cought my first phintee of the unbelievable riders that perched on their shoulders and rode them, much

throw it at the slowly adventure horrors. But the some sort of ant-like macets."

We retreated, slowly at first, then at a brisk walk, firedy at a tret. When we moved in a given at a distance; but when we veered from it they

I believe those insects are driving us in front of miles away, perhaps-were numerous mounds, and at did not take us foug to suspect that they were our earth, atterly winded, unable to run another stem-At such times, I stood over his body with my iron was no need to fight. The shaggy men were brought

Night fact fallen and it was almost too derk to we slaked our thirst and bathed our sore and curillen

warmth and fell asleen

### The Master Area

SEVERAL hours later, the Professor and I twoke, chilled to the bone. And no wooder! For we were practically saked, only shreds of cloth chirging to our backs. The moon was rid

I'm very much afreid that both of us are wide awake," and the Professor with a sigh "But it doesn't sextm possible," I exclaimed "Those bugs . . . My God, Professor, what has hap-pented to the world?"

The Professor pulled thoughtfully at his unknown ectusts who held insects to be a growing mousee to man's rule. Perhaps . . . But you could see for

as day. Now and then the silence would be broken with a shrill scream or a bravy snort. Once or

"Yes; I believe they were."
"But their hair?" "Could be accounted for by the fact that they

were exposed, raked, to all kinds of weather. The possibly produce the type we saw, The throught of a world in which insects were the

case what would our fate he? In spite of the chill came at last, and then we were letter able to examine our surroundings. The enclosure was probably a half mile square and fenced in with an irregular line of mounds anywhere from ten to twenty for Nich. Across the stream from us, bedded arsinst and came down to the stream to drink, wadne into

Some of the straggy men crossed the stream to view us more closely. Most of these were females, attorping forward as they walked. One of them

strangitumed up, rushed at the Professor with a mar ing of shaggy men nothing clie than a herd, and the

"And you call them human," I said to the Pro-"They once were"

I shook my head "Those creatures are here almost double. Even the children are so formed, and "Berkapp they were bred for that characteristic."
"Brott!"
"Why not! If things are as I support, then those
men have become the domestic animals of the insects. In the beginning they were probably bear
double by bearing the weight of their rifers. Acquired characteristics are, of course, generally encoded to be unjusheristable, but fifthe is known on the

sects. In the baganting they were probably best double by bearing the weight of their pilers. Acquired characteristics, not below to a base on the cocked to be uninheritable, how birth is haven on the cocked to be uninheritable, how birth is haven on the desire of a thing may have on the prem-phase. He is possible that musanous with customs predistributed of structure were born and men, such as you see, bend from them."

up the wall again in another. It was a few minutes before the reason for this downed on me. "Cood Lood, Professor!" I exchained subdenly, "they're sufficient the shappy same were it was true. The fermion of the shappy same were or many cown being million! On the better, of the many consistency of the shappy same were to many cown being million! Support the better, or faster says when men no longer was lord and manries. Lincale, he was a beast to be driven the a

or used to—simplified like an ox. I wiped the celd sweat from my forchead. "Professor," I said, "we must except from here." "Of course," realied the Professor: "but how—

and where to?"

There was no answer to make The mought before the control of the

something had removed them with we steps. Nor was there anything else that could be used as a wesseen. In this dilemma we turned and ran, but next non-contains. Two of the sheepy can color to the contained to the three power of the sheep year. It was to be sufficient to the three power of the sheep year of the sheep year of the sheep year of the sheep year. The sum of the sheep is the sheep of the sheep

seed the single twin more death of the single twin the single

ma I wai put through my proce; mak to with, care, cinci, when do may no recommend. Menly pround the ment of the me

"No," he said, "they didn't ride me. Too old, perhaps." He picked up a grain cole and grawed at it

"Try one, my boy, they're not half had. Besides you'll feel better if you eat something." I suppose it accurs quor to tell it, but we sat

there on the rough grass, with the slithering anis coming and going about their business, and ate those calaxs. Neither one of us had nated food since the day before—or was it several controls before?— AMAZING STORIES

and were half starved. Only hunger could make cating at all bearable with my sore and increased mouth. Suddenly the Professor spoke to me in an old tone. "My dear boy, I don't like to amoust any failer hopes, but will you take a look at that thing in the

"May dear boy, I don't like to arouse any fishe hopes, but will you take a lock as that thing in the air and doll me what you than is do a that thing in the air and toll me what you thank it is."

I glanced up aparhetically enempth; then at aight of what I saw I keeple to my feet with a well cryy. The same is a same and a same and a same and a same are to all the same are the same and a same a sa

# 7ES, it was an airdan. There could be no

doubt of that. And where there was an airthip, there must be human beings, men.
"Their critical people are still living on the earth,"
cried the Professor exultantly "Quick, my boy,
about and astract the driver's attention."
He had no need to urge me. Pain, wearings and

The strange craft jerked to a pause in mid-nir, hung metionless for a mement, then sank directly carthwards for what must have been forty feet a more. Over the tide looked a girl, her beaufiful face

continuents for what must have been forty tent ar more. Over the side looked a girl, her beautiful face wearing a look of amazement. "For God's sale, help us!" I shouted again, "br the auts..."

gen in clear, the sharing we within the property of the control of

"2450," sise answered in perfect English.
"A.D.?"

"Rim," amorted the Professor, miding a quide mental calculation. "Fire hundred and twenty-fire years in the fature". But I was a fire the same den change in our fortunes to give blen much head den change in our fortunes to give blen much head early and the same and the same and the same expert, seconds cannot see storing the airsificable speed. What power was driving the airsificable speed. What power was driving the airsificable speed. What power was driving the airsificable speed. There was no gips of a peoplete.

height and elad in a loose-flowing role of some sentlet-colored material. "Where are we going?" I saled her. "To the Casele," the answered. As she regarded me, I realized for the first time

nor any of the other properties associated in my

that I was maked; but the Professor seemed bilesfully unconscious of the lack of any clothes "We have to timele you for recenting us from a wary dangerous and awkward position," he said

were some to transic you for recently as from a wary dangerous and awkward position," he said countestually. "I note you for busst men at first," she replied, "and if you hadn't called out in Enrich. I shouldn't

base acopped. Tell me, where do yea come from and how did you full trip the hands of the Master Acabs?

"We came from the past," replied the Professor, "and landed on the plan about seven miles from

"and airded on the plant about seven miles from where you pleked us up. The inaceta—what you call Masser Anta—captured us there." "The peat?" quantumed the girl. "Where is that? Over the sex?" "No," asswered the Professor. "In another sex,

as earlier on that his. Out of the past you know Target fields have been sured as the Performance of the Per

one people of all ages and both secon. The votem wave child in grow-ledered dresses; the runs wrating while removers, with ooth lines traines. Both run and waters were the information and hardward, and one of the the hardward and hardward woman and children fell back with cite of inform, and some of the new made as if they would attack an incubath, but the girl cried out that we were now heart mere, her English-specialing travelors when the hall reasond from the Master Arts. At this assymment of hoofilly criscals, thus the amountees.

"How is thu possible." usid one hardsome young "How is thu possible." usid one hardsome young show. "Sow for councieve, there are no English possible. The short possible is the possible of the Emple. The Margaran words the country, and porthap the world. When no cold those me have come from unless at he from the ranks of the heart more?

"We are Time Travelers," began the Professor;
"we came from . ."
But a tall, commanding man of about sixty in-

"Our guests are worn and weary. Time enough inhospitable as to leave two wayfarers to faint at At these words, the young fellow fell back abushed

in soit robes. Tangled beards were dipped to the then various dishes whose names I did not know;

# of the next morning.

Without a doubt, our couches had been with a doubt, our couches had been with a second to the second an open space with only some green shrubbery be-

fessor. He got up and took a few steps forward; then came to an abrupt halt "This is very odd," he and; and even as he spoke, the four walls magic-

"Good morning," said a laughting voice. "I forgot your room was to be left opages and turned on

It was the handsome youth who had questioned us

the day before. "The tay?" saked the Professor "On, I forgot" exclaimed the youth, "Everything is probably strange to you. The ray is what

The youth looked surried. "Why I don't know

We drosed ourselves in white trousers and soft

as to race or color. Among the early inhabitants bad

been unmbered Japanese, Negroes, and Chinese, as ever deflerences existed among our people in the Breakfast consisted of fruit, cereal, scrambled

es on what was evidently the raised platform of a spelorn for our welfare the night before, received "My mmt," he said, "Is Soltano, Director of

He had raised his writer so that the words might

"There is no need to puch your voice above its ordinary key," explained Soltano. "This restrute is it. Everyone-even those of us who are employed

elsewhere will nick up what you say by means of ear-obores' I noticed, then, that the attentive people in the plaza were holding round devices to their cars and

naranet two hundred wards away, expected to hear "Specufid," said the Professor, "Some sort of an amphifying, radio machine, 1 see " He beamed on Soltano. "I merely talk to you, is that it? and all planform; but if he wanted to do so, he conquered the temptation "My name," he said, "is John

"Yes," replied the Professor, "from the year 1926.

There was a stir in the crowd below. Solumo

thing you are telling us, John Reubens," he said at "and well-nigh incredible. Much sumpler would the sea from Europe or from Asia. Never have we listened to such a tale before."
"Nor anybody clse," replied the Professor with

dignity, "as we are the first famum beings over to make such a trip."

"And how did you come?"

Ann 100 was year to mer.

"By means of a Time Machine, the remains of which the rotting on the spot where the Master Anis which the rotting on the spot where the Master Anis building of the Time. In parameter of the other with through space and of our awakening in another yee. Then he told of our awakening in another yee. Then he told of our awakening in another yee. Then he told of our awakening in amount of a parameter of the special way to the

Internaces among them, who discolarized our story, but the Professor was not disturbed.

"If you are suntred at what I have told you," he said, "how much more amond are my comparison and myself to find ourselves in a future where any tide me as second and must here is present in which a castle as this. Such a state or affairs was not even dreamed oil when we left our own dies and are.

On the Statement was one gave them in a similar greater of the statement o

such records was seen, intended to allow in yet he, and the Paties detected or on Liftmann, Reason moved to anterior, and lody and Phance came; a moved to anterior, and lody and Phance came; a Manufact december and the State entend with sever chief properties since Manufact december provided melopal work for the particular and the properties of the state of the state

doubtedly been changing, evolving, acquiring, God only knows, what knowledge. It is all speculation, of to feed it to their haven. At any rate, the Master unlike posson into their avenous which induced a youred, and that the third one recovered, stuped Aces. In vain the southern republics sent these kinds of unscaworthy crafts-only to drown by the the crumbling runs of Rio de Janeiro, the whole swept through the people of the United States. Still succumbed, said the experts, because she had been a

Soltene waved his hand. "I am coming to that,

tractics and methods of the airs brew how fullitractics and methods erect for they and their myrections aware the purpose of the airgrations aware directing the ultime of the aincompages who were directing the ultime of the country.

Soltano passed. I started of firm, with-eyel-"And the into cure," breathed the Professor, "Yes, the area cure. Militars of them were killed.

tropical wilderness without proper chemical delense.

border states were protocted from invasion by ever

tems of pipes and sprays; showing how fleets of

the pipes and put the sprays out of commission. Bisyou will have to read the history of those times for a more detailed section. Then you will learn how the United Saute soldiers method against the invadors and not the same fate as had previously beforce and not the same fate as had previously beThe scientists had suggested that the soldiers are

But the rest of the people?" cried the Professor. "They west cruzy with fear," replied Soltana.

of thousands died of hunger, of disease enidenies.

"In the whole western hemisphere there are prob-

I craved at the Professor with horner Only yes-

"Come," said Soitano; "enough of such matters

He led the way down into the plaza where we were

Soltano Tells of the Progress and Dunger of the Acc

THEN I stepped down from the rostrom on THEN I stepped from some Castle, it was to meet the girl who had rescued the Professor Thedn. If anything, she looked more beautiful than "You have gone through much danger, Raymond." "It was worth it, if it brought me to you," I re-

"Very wel," I said. "Very well," I said. The pool was an artificial good perhaps fifty yards

In the days that followed, I learned a great deal hundred feet below, grew nothing green. The sight

"How do you get water?" I asked Servin,
"In the early days," he replied, "we relied on from distant lakes, but without success. Then just

"Yes, from hydrogen and oxygen, you know. Now

these wills were finished and floors installed, they were sooned with flaming rays which hardened the metal and destroyed whatever insect his night have conton midd they

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gotten inside them. So such by such we watched the protured story of how the Castle had grown to the peasest proportions. 
"Some sooring printing." I becaffed to the Prolessor, "What a knockout that would be for Ceel B. DeMillet. Dod you notice the some where the posts stricken people realed by pursued by the posts.

arks: I stributed. "And the one where the reterrists and workers were histed up the walls must reterrists and workers were histed up the walls must the Castle? What I can't understand as why the arts couldn't have sewmend over the walls and wiped everyone of them out." Solitate overhand me. "Because," he walled "ble. Solitate overhand me. "Because," he walled "ble.

everjone or ment our.

Solution overheard me. "Because," he replied, "the
walls were electrished. Nothing could have lived on
them after the current was turned on."

About a week after this the Professor and I were
taken into the body of the Castle seriour. For down

action into the budyout the Control of the Section with a term under the tarry fibe buildings and bluening garden on its root, were the medium-theys, the likementones which made possible the putting fit above. Here we care great dynamous and wistering methics at whose features at could not even greats. In one was proof more were partiary the fainting number to what workers were meantisticiting cross. Section workers were meantisticiting cross and the workers were meantisticiting cross of the present. Whole floors were given over to experientmental and recently work of two complicated are mental and recently work of two complicated are

ture for me to attempt to describe. The Professor was eatherlied. He was in his element here and hated to po on. "What do you do for metal?" he asked suddenly. "Yero, ito, pinc?"
"Heamed in as we are," replied Solitano, "sufficient metal has always been difficult to obtain.

However, we have managed at. A grant deal of an untax whech, addits, and so forther, are mude from poly, from trees grown in the guedna above, and poly, from trees grown in the guedna above, and trees the grown of the grown of

process for yourself."

He dismissed the subject hastily, evidently having senething of further interest to show us.

"That," he said, pointing to great metal tasks and

"It where the water is mote,"

He person a butter. The walls surrounding us because transparent, and loading out we could not be bown slope of the bill. Stoffenty I formate any gaze. About twenty first from where we smod was a smill round. Sounding behind it stirred. I caught a glimpte of a metallic body, of waving naturne." "Fee," and Schane, "His a March Aur, they are all record us. But I did not bring you down to show you sterm; I am going to show you surround to show you sterm; I am going to show you surround.

barrowing and grassing. For a monetal Lide for understand, their Soliton speak and enlighteament came to me. There were the termines—the white ants.

\*\*Belfold, the centries we fight, finish Saltano Belfold, the centries we fight, finish Saltano the more dangerous to me than the Morter Ants, whose contains they are. Those termines are seeking to

machinery above grew fainter, seemed further away.

almost crased. We stopped forth into a wilderness of measure columns. Soltano preside the now fa-

By oderandly. "The insects our there are far more diagentous to as than the Macter Ants, whose centains they are. Those termines are seeking to demaking the vary foundations on which the cast reas by ording away the earth from under them." I felt the grosethesh rise on my alon. "There turns in the last one handred years have

earth. Originally, this basement was only fity for doop. Now it is a bundred. In a few years it will be more than that ""But good Godf" I eriod; "can't you do consething to stop them?"

He shrugged his shoulders, "So far—no! How-

ever, our chemists, our various scientists, are lymy experimenting right and day. It is hoped that we may perfect a posson, a my that will kell them off, prevent them from coming man the castle walls."

"And if you comen?" what the Defender walls."

"His us you cannot?" asked the Professor.
"His we cannot," registed Soltano, "Gan some day
..." He made a fatal genture with his hand.
I thought of the busy, joyful life far above, of the
green gardens and the languing wousen and children

I thought of Thesis, and I modelly realized how much she had proven to mean to me. Thouses, I said that night when we had retired to our coon, "with all those machines and tools at your command, couldn't you make another Time.

"I possibly could," replied the Professor.
"Then why don't you?"
"Perhaps I shall Soltano has premised to get a

The strains a season of the se

dishes three hours a day; the next he would be about the country of the country o

He shook his head, "It is never "Then you must have good for

"Electricity!" I exclaimed.
"Why, yes. Taken from the air by means of

plained the mystery. "Milk is made from turnits and potatoes," he evolutined. "I behaved a man rented Ford did that in 1906. Eggs and must are manufactured synthetically," He went imo technical

Truly a wonderful place, this Science Castle. was difficult to realize that its brilliant inhabitants turies had been man's hopeless inferiors. But were

there? One mote while I got with her on the parapet she rented. "we have air vessels; but save for min-

"Recause outside of Science Castle there is hardly But there is Europe and Asia," I exclaimed.

geos-and pever returned. My father communical

mechines," I said. "What drives them?"
"Radio nower, Waves are sent from a controlling means of a lover which opentes a very simple medred miles, and in fair weather, the aircrafts are absolutely safe and easily handled. Mapy of us use interfere with the waves when sent over too great a distance, perhaps the receiving apparatus fails to operate beyond a certain point, though theoretically

is that those who venture too far-vanish Perhaps they fall into the sea and are drowned. Or worse still, on the plants, and the Master Area. . . . voice shivered to wlence. For comfort against a

insect, we drew together.
"Theda," I said unsteadily "O Theda! Would you . . . will you .

The Master Ants Take to the Air

T NDER the thin metal roof which is all than shies away from us the bordes of consucting to this manuscript. Of the terrible catastrophe which one day by the parapet when a young Scientian who had some on a pleasure spen, planed down from the sky and landed on the pinza. His face was asten-"When is at?" demanded Soltano sharply "The ages!" gasped the breschless youth. ants have taken to the air!"

"To the air! What do you mean?"

wases a ward long, and are flying?" direction the Scientians came rushing; from the

depths of the Castle, from the gardens and the pool then usual, when great insects taid spread gossamer the nirebin had condistanced them, though at first "Fellow Scientisms" he said. "if what we have

ane and stave danger. You will remember that we tween the Master Ants and other insects. Now it prolinbly of the bee family. Not only that, they have

"What do you think?" I asked with dry lips.

"My box," he said salemnly, "if those insects have really taken to the air, then God belo us I sank nervelessly sato a scat; then sprang to again as the remembrance of something sent a thrill

"The Time Machine!" I cried, "Surely you have finished it by this time!" The Professor pooled, "Yes," he said "it is

Then we can make our escape by means of it," He looked at me payingly.
"What's the matter with it?"

"Nothing Only you forget something." "How we ared when we travelled in it before."

"Don't you see? It would have the same effect

For a moment I did not understand; then the appolling truth staggered me like a bolt from the blue.

The Pendemor read the downing comprehension on "Yes." he mid slowly, "ses. It age is caused by

same wear and tear, as we were in coming from it. That would mean annihilation for me, death.

yourself and Theda, would it be much better? You could expect to find yourself an old man of eighty

## A VISITOR FROM THE TWENTIETH CENTURY

by Harold Donitz



and two winder braid of dity has each. The control parties was marrier agreed presented, pred with the each that seemed to absorb the excitety, . The durating hands sectioned of two confines marring platform, such too speed of these platforms decreased with their distance from the presented.

ARKHAM slopt. What could be more commonolace than this markely resorte ness, during which the nerves and con-stitution and muscles, exhausted by the work of the day are permetted to generate new power and vivor for the work of the day to come? And yet it is the very nature of this particular sleep, that troubles Markhom, and will continue to trouble him for the rest of his life. He is an vision-

ary as ever, but due to the sleep, or perhaps to the disillusionment which followed it, he so losser bores everyone by trying to put his visious into practice, or by explaining how they could be an our. to the surface, but when he does nobody can denve

To been with Markham is somewhat of an archiand cooperative types of large apartment houses, but at the same time, if some wealthy faddlet or

that is responsible for his successes, but rather suat school. Markham must realize how furile at would his present policy of retirence is perhaps the best he The dow in particular had been a trying one for

the whole morning in preparing his entry in the \$10,000 "City Benatified" contain that was being con-New York. Nothing, of course, could be done about removing the one that was already there, but

more than a pessing intermeulding little old New At any rate, Markham

ANY may thought that comes along that choses we what will improve hundreds of your heart, is always new author presents or mak mak a mission or a more!

technical margines, sa well as catalogues, for new he would be able to incorporate into his future soon bored and strolled into a cinema house. It attempted to portray the city of the future. He could not help smiling, as he walked out of the theater supper. In the evening, he planted himself in the of reading. Not until he had opened the book did

So he pipeop-holed the nkn and drawings, ex-

away, when the plans would have to be submitted

day at a Merary, examining curtain scientific and

His burst of mirth over, Markham felt that in mather not read that type of book, lest be develop what he feared most, a "one-track" mind. He was less describle at that moment, than any other book.

We are to assume that at some point in his reading together into a beap, and the pape somehow slapped saleco. But he was not aware of any subsequent blankness. He seemed to regain full consciousness almost semmediately

H E was in a queer little room. It seemed to be while it was indeed eight feet in all three dimen-

device and no windows. With a scientific eye, he expected, he found, about eight inches above the level of the floor, a timy row of holes extending all

melted into one another presoled to Markham's archilectural nature. There place. Against one will

with a possible matteres which he found by testing was simply an inflated rubber and tucked inside of an monamints white sheet. That was the seen total of hed clothing. He was quick to surmise that as there were no coverings, warmth must be surolled

as a cor practs to the smell of fish. He had set his fertile brain to work, and finally had evolved what be considered the ideal oles. But at the same time. ideal plan; that it was merely the best his brain around the room. Parting his hand to one, he felt

soft light streamed outward and downward without nanels. Its bottom formed the only break heroes and no bandle. Only a thin stream of light

quickly back to its original position Markham rispend rapidly about and took in the was condiderably larger than the chamber he had one left, and there was the same lack of makenurestors, but these were not lit. Great floods of ries cose that formed abuse the entire wall on

France that he had not noticed him before. There, behind a long, rarrow flut-topped desk set a men. regarding him interestedly with symperhetic blue on his right several rows of buttons and electric bulbs. But it was the clothing of the man behind

lus right-

There were two visible garments. The inner was almost skintight, and apparently combined warmth with freedom of motion. The cuttr was a sort of loose cloak, that combined district with modesty, visible beneath the desk, and at sight of them, Mark-

at the desk, doubtlessly some sort of official, was in hand, while Markham was so utterly astounded bolder a black, round object that looked like an earphone. He par this to his ear and historical for a moment, then applied it to his lips.

a moment, then applied it to his lips.

be said. That was all, and he replaced the tiny

obene in its holder. There was a click and the light ing as if Markinga no logger existed.

"Yes out" was the ryphy, "But I don't mind. It's

The official resumed his writing and the young mum turned to Marichens. "Could you come with

Murkham followed him out through the double door, and found humself in an lumense corridor that was all of thirty feet in width. About one been less for to their left, the passage caded in a almost as far as the eye could see. It was well lit but on the opposite aids, Markham was surprised passed many people who were clad in gamments

known), noted that no two were alike as to product. third stationery superies, and so on. Markham wondeeped of the husiness would had finally reached a They passed through a single door, different in color from the others, ascended a short flight of

street, and emerged through another door upon a ing. The set-back was evenly fifty fast wide. The innerment ten feet formed a welle. The payement Markhum noticed, was the same as that of the inhele of erass, flower beds, and small shrubbery.

The guide reduced the pare to that of a strell "By your clothing I judge you to be of the early twentieth ensury," he ventured. besten upon Markham with the remorseless pre-

"Undoubtedly," said Markham, with a slight at-

tempt at sarcosm. "I could hardly call myself a Manhattan." The guide laughed, good naturedly, "What I meant." he explained, seriously, "is that you are of an entirely different period of time, or rather, of bisocy, for we are coming to doubt more and more that there is such a thing as time. How you were brought how—well, the advanced psychologiest and hypotents of our colleges have how nevy accessful in their recent experiments. They think nothing of youlding and of the o-celled pract more person whose consciousness is on report with their untel concurrations. Of he they do it out though my conjugate to the college of the control of the you might say; your case for instance."

This thought we Markshark hern refiling. There

This thought set Markham's brain reeding. The was something in the guide's time that discourse has from pursoin the best text he would go manne if he dered not try purson it, he feet text he would go manne if he of He throught of the situation of a psychologist is amount to failure the manner electrons of a manner of the state o

It was all too bissive. He must not question snything; he must take everything for granted. He terned to the guide. "What is your name," he asked, "It will be more convenient to know," "My mane is John Warren, 12-C-6."

"Ny name is John Warren, 12-C-6."

"Ny name is John Warren, 12-C-6."

Markham was aghast. "What!" he eclaimed,
"has maskind come to the number and filing-case stage to soon."

"Not at all," was the lengting reply. "That is "Not at all," was the lengting reply. "That is the irrocate that we wishless in an the window of the irrocate that we wishless in an the window of the irrocate that we will be a supported to the row from the west; the fi means that out of all the fastilies named Warren an building 12-C, mine is considered Number 0."
"You seeke," and Markham, "or 'all the facilities

"You spoke," and Mancaum, or an noe manner amond Warrent, and you have given a peculiar seg-sificance to the word Toilding." Is it that families of situatiar names are confined to separate booses?"

"Why, no. There are upwared to de not thousand people to a brilling, you know, and there are abound to be several families of the same.
"Upwards of ten thousand people! What kind "Upwards of ten thousand people! What kind

"Upwards of ten thousand people! What kind of buildings have you here?" Warren moled inclujently. "That will come harr," he said.
All this time they had been following the same saits. Now a low measure second to be finance on

where a timy walk led to a sort of tenred platform that overhung the edge of the flowery terrace. This they entered, and the guide invited Markham to look over the edge.

Wenders and wooders! It took the man from the twentidth century several uniques to grasp all

Two limited feet away was another building, a gipante dairs a quarter of a mile in leagth. There was sel-back on the same level as the one on whath were Markham and his guide, and the former quickly assumed that the two structures were identical. The soch-back were above the fifteenth stories, and the buildings towered up for another ten stories. Twesty-dee alliquether. Not so much, Markham thought. Visionaries of bus time had predicted offfices of a knowledged stories and more, her close

seemed to go in more for leagth, and perhaps for width. He looked downward. At the street level the width of two bundred fost had been divided into a bands of fifty fore each. The central portions was merely a gent procusande, proved which the surrigatal lakels supersone that somet to absolv the suringles, which was the somet to absolve the surrigates which the wind there were apparent leaders, leaving probably to the buddings on order sode. The flavings bandting the surrigate of the surrigate of the surrigate on term with the sometime processes, who are not not as which the some surrigate with their distance from the processors, of the first two sources can ment of an approximately so that the two sources can sense of an approximately source and the surrigate of the surrigate of the surrigate metal learning sources are the bands, while passage from one metal learning sources are surrigated to the surrigate of the surrigate was successful as the surrigate of the surrigate to a surrigate was facilitated by means of occasional

hand-rails.

The socne was strangely familiar. The solution imped to Marchani's brain all at once.

"Why?" he criod, "buch a street as this was described by a writer of my time?"

Then he was a propher! said Warren, calady. It is not so easy to prophery the investibility grade and so easy to prophery the investibility grade and the propher said to easy to prophery the investibility grade and propher said to worth and ten moving platforms in each direction, while you have here only fire. Nevertheless the considerar is. "We have such a street. It is called the Pitth."

Way, and was once known as Pftth Avenue. There are en patheres in each direction, and the insuce are en patheres in each direction, and the insuce that it is in the exact contre of the aband, and the contre patrions are used only by people desiring to travel from one end of the island to the other patrions are used only by people desiring to the end of the island to the other patrions are used only the people desired to the end of the e

who instead as well-staght of the moting platforms and the hurryous, Black-cird people, who seemed quite admit at alopting from one lead to another that moved about five wides an hour featur. Marcham fait that he was oldsyrug the "sight-seeing near," for that was what he anneath that propert waste to be. They registed the premurated end after a They cause to a place in the large cortifor, near to concret of the furtiling, where a peculiar track paralleted me wall, it was set deep ton the flacer, and

were half a dozen little truties, their square placforms level with the floor. Each platform had at in alides two fruil-holding mutal radiose. Most plat-Warren moderned Marishmu to the forement platrallings. Fit seemed to doubt the strapper's ability to do this, however, for he tools from a nearby a banker both which he finitened around his vanial to both stallings. He then convented the fundaand to both stallings. He then convented the funda-

a laster belt which he fastened around this waist and to both railings. He then mounted the platform behind, using no belt for homest, and indicated to Markham a tmy lever on the under safe of the righthand railing winch he was to press Markham did so. The platform started slowly forward with a low ramable, and a rimiter sound

from behind apprised him that the guide was fol-"H. G. Wells in "When the Sleener Wakes."

under him, and there was a sensation as of being sations. Looking about him, he found himself in released his belt and dismounted.
"What was that?" he demanded bruzhlesdy of

Watten, who had followed sumediately.

"A high speed escalator," the guide evolutional. "The platforms move forward and are exught by incline they are released and are slowed down by compressed air pressure. We have climbed ten

They emerged from the shed and Markham found the terrace they had just quitted, and shysmally farther down, the street. He ran to the other side. the terrace on the exterior, a purie! It was square, conforming to the share of the building, and somethe fountain to the sides, and munerous children's scene was a color little associated with modern cities future-the green of well-kept lawns and trees.

They were all alike, square in shape, measuring

about a quarter of a mile on each ade, and terroryfive stories in height. The upper ten stories were purely residential, the apartments reasons us size states depended strictly on that of the family, and taken on with offices schools and shoes. On the low this roof, and down to the street level, were such institutions as did not require the light of day, including gymnxia, auditoria, theaters, and houses of Manhattan, which plant, in turn, received its cur-rent from Niagara Fails. The other two stories were used for storage and by the distribution system.

"And what is that?" asked Markham.

ever was a time when it did not exist. Over across

test of parematic tubes spread under the Hudson the scores of buildings. Through these the food which they were relayed through a smaller system

to the shops. The noise from the moving ways far below had dimenshed considerably. The number of ocoole or

the promenades, both on the roofs and on the setbacks, had increased as more and more people, their that the nath on which they moved, was connected

Warren was puzzled for a moment, "Automo-

hiles," he murtrured, "innomobiles . . . ch! You Yes," said Markham, "Where are they?"

"What! You mean to tell me that there are no more automobiles? Why, in my time New York was being curved to sust them. Streets were being and cross streets for them. Savecraphic sweaper and built. Nearly every family had an auto, and meanfacturers were trying to convince them that years later, you say that there are no more automo-biles. It monable?" He almost felt hart.

"As might have been foreseen," said Warren, calmb, "the whole industry that was growing so abnormally, fell in one crash. Around 1975 a rowburnt. The plants of the two greatest requise-Then things gradually adjusted themselves. New cient substitute for gasoline was produced available-

car never regarded the pinnacle it had held before "Why not?" orded Markham "You have said" began Warren, apparently irrelevantly. "that the plans of whole cities were being

the gusoline and pedestrians crowded to the walte or killed by the score; was it not so"

"Yes," Markhus concoded, but . . . "
"The direction of bouses was labered by the em"The direction of bouses was labered by the case.
"The direction of the second of the

Yes, yes, agreed Markhum. The facts were all undersable, yet it was the least bit irritating to the have then acred up to him in this guillargum fashion. His irritation, minrown to him, was based upon a human and excusable orde in his own times.

upon a human and excusable profe in his own times as contrasted with these "Well," continued Warren, "the eyes of the people, heretofore blinded to these abortion conditions, were opened to their by the chars. The automobile no longer had the same significance; no longer seemed

so accessive, or rather, so desirable in view of the conditions that accompanied it. The manufacture of the case declined, cessed to be perfulsible, and me time stopped altogether. Tooky we have a form of sorfice vehicle, need solely for pleasure, one that you would hardly reorganae.

"Our "model" consists of parallel metal stracks,

"User "reade" consus of permild metal inteks, see forcy feet in laught fifters in words, and graves one forcy feet in laught fifters in words, and gravescopic, balancing on two lunge rubber-ment whether the large contracts of a capanise-hoped metal-state number and permitted of a capanise-hoped metal-state number are pieced for entrance and weelflation. The care are confectably furnished and self-operating, for frey draw power by profess contains and melievy one of the profession of melievy metal-permitted and self-operating, for fively draw power by profess contains and melievy metal-permitted and self-operating, for the profession of the profession o

safety deveces stop the cut as soon as it comes welling fifty feet of smother. August desiring to use one of the capsules goes across the Hudson to the depot and heres one. It bowls along ever hall and data, maintaining an even speed of fifty miles in hore." "Fifty miles an hour!" exclaimed Markham. "In that considered a proper speed for a pleasure ride."

"Certainly," said Warren. "It is just the rig speed, once all responsibility and care of operats are removed. Besides, you forget that the world a vances. One hundred years before your the twenty risks an hour was considered tempting fri

"True," Markham admowledged.

So absorbed had he been in the conversation that he had kept has eyes on the pavement before him for rost of the time. They had been stroffing northward. Nave has eyes, mused for the first time, ex-

to fill the entire quarter from horizon to senith
"The New Yor's Tower," explained Warren."
only real skyterager it has been deemed necessahere. It is not hollow, but a solid structure, has
as you see, syramidal setbacks. It is not as will
the other buildings, but together with the great;
and gardens that surround it, occupies the is

one hundred stores in height, and counties all the momentum, legislatini, and justical efficiency of the sumnequal and state governments, and slab the level may be a supplied to the property of the county of the souther of smartly changed and reduced. The souther of smartly changed and reduced. The souther of smartly changed and reduced to the county of the time which there and pedagogs are distributed by parameter their and bounds to the broad-Post oftion of the county of the county of the county of the retherest to this swife-words, a gooset con-

hauded device. "Ah yes: In a moment you will use swandning materioring: Watch the top of the Tower." Markham watched. Soon he saw a gipsute adfant, resembling a net, rise dowly into the art, lifted by four halloons. Taking thops, it resolved into a great square furnation of metal driver, the open month of the property of the property of the contract of the lower, to which it was connected by a decide network chain. The halloons were as the corners.

From that direction a large strate-hard morphes was splitting the air in strateght, emilated flaght. It flew faster than Markham had ever seen as sirribate po helicor. As it passed above the funnel, it released a large suck, which dropped down through the chate into the building proper. The monoplane last on toward the east, seening to desceed.

"The Western Man!," and Warren. "At present

the flight from San Francisco tales ten hours, but that will be remethed within falcets yelds, by which can be a pressonated in Presentate with the con"" the flight from San Francisco tales ten hours, but the west of the remethed ..." The phrase was through Marchania from, average har to alternate could all launches and mention of the control of t

but their will be remeded ... "The phrase strap through Michaels brans, rowing him to alternate through Michaels brans, rowing him to alternate second to have the most awful conception of time second spoot. He now feared to comment or to express admiration for what Warren regarded as the commosphare, her he should reveal his "provincialism." "Lank again," cried Warren, "this time to the Through the however a time silver share, resmit-

The first in the abovers is they better shape, extensively them, detecting in as it caus. In a few misters Marsham see that it was a displike, much the same as those of his time, but converbed larger. The cellule was a long structure that first soughy against the gas large his a great last. The advirance of the gas large his a great last. The advirance of the gas large his a great last. The advirance of the gas large his and a great last. The advirance of the gas large his agent for the part of the gas and the great should be adversely a size of the part of the gas and the ga

employed, and found by asking Warren that it was so.

As it approached, heading apparently for the New York Tower, his attention was attracted to a construction at the northwest corner of the roof of that healthme. It was a wertical shaft of mostly hars,

was a justible of wheels, goins, and cilites. The sinsing drupped a weighted calle which hooked into the top of this structure, and as it fleated pest, the cible became that and the wing was slowly drawn down to the one antial shelt. And then Marthum could hardly suppress a thrill of pride, such as overcome him when he had seen his first house completel; for the top of the shaft fitted nearly isto the floor of the airchap cabin, and he could see a ting car run swaftly

the top of the shaft fitted centry state the floor of the arrhy, eiths, and be could see a time are run remitty up the shaft and into the callen itself. It was all in six which he had conceived into discussion of often with his fellow chin trenders, the device of a mooring to that an elevator in the shaft would run level with the callen floor. But they had laughed at him, and there it was, we wonderful resulty. A moment later he

saw the ear descend, laden with people.

"Tell me," he turned to Warren. "I am eager to know the peopress the world has made, especially in sociology and transportation. There was a deal of theoretic in my time, but from what I have seen if

imagine that most of a clibre estaggenated or under estimated the truth. That dirightle, for instance, imagine it is a transactuatic conveyance—"Warm nodelot"—is all occurs transportation like that?" "No, nulcol," and the guide. "The arrisings or only mall, visiting and returning diplomanes, and su people as can convision the authorium that their waage requires all possible haste and new shilling to p

the price. The passage from New York to Paris takes semething over afteen hours. Ordinary transoceanic traffic has charged radically. You may have noticed that there is nothing in sight resembling a port, or leading place for sings."
"I have remarked something like that," admitted

"I have remarked something has that," somether Marsham, "but I had thought it was due to the transcendency of airchipe."

"There was seem little agitation for developing air navigation in your time," Warren went on, "which lasted until well after the Choos of 1975. But these does were ultimately shalved for many

reasons, one of which was the unexpected obscupment of means of surface insuperstrains. Trainathrate vosquers now travel in glaunic oversite driven both by water screws and by air proplicies. These sky between the greas scapest at the custom typ of Long Haisal and a recently developed port on the control of the property of the control of hours for the trip. From the superstrain, the surface land in the minutes ky presentate the surface has the Privith basis are modeful more after the scandial

ocam greyhourds of your bine, but never take more than skety hours to go to Europe. They also dock at the Eastern Seaport, but the freight is shot by tube to the Distribution. Center "Later-artism commendation is carried on through the great posumatic tubes. As I have told you, the

Transconfinental Fraumatic is now under construction and will afford transportation between the coasts as from two to three hours."

m from two to three hours."

"But surely the pneumatic tube isn't universal,"
suggested Markborn.

"Certainly not." said Warren, "although in time

is probably will be. In outlying sections we have the advanced organization of a minuted of your time. It is simple raided, like the pleasures whiteles I have described to you, and also like those whiches, the trains draw their power from the same compound and they ride on. There rails are no constructed, and they ride on. There rails are no constructed, until the results of the same of the substantial of the burner of curves said the slitched does not vary a burner of test in as many miles. The result is a smooth speed of one hundred and fifty miles an hour. The Monoralls, as they are called, are used throughout Australia, Africa, Aola, and South America, but no longer in Europe, and only in the less settled portions of North America."

They had turned back toward the south. They am

ing watchman triking his last look at a satisfied and satisfactory world. There was a growing chill in the air.

"Tell me of the people," said Markham. "How

"Tell me of the people," said Markham. "How they live; are they happy? Surely with your adranced machinery, unemployment must present a problem."
"Ah" said Warren. "the solution of that problem

is a matter on which we peide ourselves. Let me equitain. We assume that two men, working elght hours with hand tools, an complete a piece of week in that time. A markine is take acide to do the work of both men in the same time, so that only one is now meeted to handle the machine. In your time, one of meeted to handle the machine, in your time, one of other week latest actually of the period of the meeted of the meet

"I see," said Markham. "As the efficiency of you machinery increases you divide the time of lation among the number of workers daylaced by the machine. It is wonderful, almost ideal, but it zeros would have worked up my age. The space time would

would have wroten in my age I he spere true would have hing heavy on our hands."

"That," explained Warren, "is a matter of evolution. We spend this 'space time' in roading, in harmless and beneficial zamanemen, and the pursuit of the

less and beneficial amulement, and the pursuit of the arms and science. The world has advanced tremendously in that respect."

"Community life has also undergone radical changes. There are today in the United States only

arthundrame. Each over the 18 Hillsdelinder touchcharlest and the second and the second articles. He was been at racial, Ble Washington. Pive class, New York, the Washington. Pive class, New York, have a population of over the million. The others all laws over fire. There are an additional ten mailable and the second of the second and the second the land. There has are the food makers, the bookbook of the country. All the land surface the bookbook of the country. All the land surface the colletion of the second and the second and the second changes in the supplied of a strickly residently changes in the supplied of the laws preting the second and the second and the second and changes in the supplied of the laws pre-

and by private airplanes; they are forbidden by 6 government to organize into communities or mitte bearfit association, so that they regard themselves a whole and are doubtlessly hoppier that way."
Somehow they had storned to lean on the m

a whole and are doubtlessly happier that way."
Semehow they had stopped to lear on the marrow milling of a path that bridged the abyte between two boildings and watch Long Island bathed in the last rays of the sun. Where once had thrived the

growing borough of Brooklyn was now a beautiful parkkand of close-reoped issun, reddening trees, and scattered residences and bampalows that stretched away to the cust as far as Marchan could see. What Warren had said was true; there was not a single building of arban character certifies of the island of Manhatim, although much had had been added to the sland itself. There were not even bridges. Brooklyn, Somen Island, New Jersey, the land to the north, all were a lattle paradise. "It is wenterful," soul Markham.

"It is wenterful," such Markham.

The sim out of sight, hey burned sombward once more "We must get back to 12-C," said Warrea.

"I shall present you to the Captain of the Welfare Office where you first found yourself." They walked the length of a building and out upon another precarious bridge. Snowthkes begon to drift down

earious bridge. Smoothakes began to drift above upon them in increasing numbers. The black power room absorbed the moist flakes, but in the process there was formed a tift watery surface which the shoes of the man from the twendedt century were not qualified to cope with A group of people approached them, head down to avoid the sorth wirely.

It's larth carried han clean through the railing. He heard a cry of dismay from Warren, and then he was hurding heaffirst down the twenty-five story depth. He saw the moving, white-coated ways rush-

He awake, with a letting of stiffness, on the floor before the arm chair in which he has remembered insued! His set poole was ficking his face, and a ready gust of wind was thoweig through this open Martham recognised the circumstances which had he had been seen as the second that the second detain. The would from behand here, as that north fearam. The would from behand here, as that north and forth as he had tumbled from the chair, had given the fleeting superession of white moving ways, and the tumble itself. Yes, it had all been a dream, however strange and wonderful.

The trades may be interested in subsequent express

The reader truy he hiteracted in subsequent events. Imported by the votes, Mardaden run to hit deck withdraw his pian from its upgreable, and to en et bets. He thin sut down and worded far into the agilt on this other pits, which had come to hum much agilt on this other pits, which had come to hum much agilt on this other pits, which had come to hum much agilt on this other pits, which had come to hum much again the precipies remained the same flar precipies remained the same flar precipies remained the same forms of a milk square, with a set-back to the fifteerish steep and a pink on which against the same to make his description of the same flar pink on the same to make his description.

them for autocoldet tradite. Finally, he suggested the great New Yell; Youer, which is governamed to low, goal her Offices, and drightle moting most embodying tower togs alsystogers, in artistic shapes, no two of which were allen, and the cree of which were not quite clear. What was probably the will were not quite clear. What was probably the will were not quite clear. What was probably the will full the proper and knowledge philterin on very real flattlearn's unity was returned courtercept, with the criticism that it was a "highly improbable and ingrantial confinalities of the ice function and were greated confinalities of the ice function and we

practical combination of the too fusionful and the too conservative." to all extents, has abandoned his visions, but as creative architect be has become the most constanding worker in that grashed scennific and evic evolution which never can be covered as

THE END

## 2D-SCUSSIONS

In this department we shall discuss every moreh, depths of interest to renders. The editors aren't corresponds one or all seals directly or hadocally orbited to the states appared to the magazine. In order a special process; assume in reported, a new See of the cover sine and purely in register.

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### THE MASTER ANTS

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er interly, penntless, unknown, in charge of a restleaged worm. What good would that the other you of a body to be stored the control of the body of the control of the control of the were chapted death, when our Time Machine fell to peem on the plan out three? Yet there is no way of returning a markine to 1926, save by burding at liaks in time used it, too, disintegrates from old age?"

As I stood garwing at that in morror, mere cause it bernified charmy of hundreds of volves: "Look!" cred a woman's shrift vesce: "Look!" Far our on the plans had rises what scentch is eddying cloud. Even as we gazed, perrified, the two avanture, and we arouter, much the sky was like

with them. The Master Asia were coming to the situate!

Of the ghastly fight which took place on the roat, there is held to say. The uniflass of assects, with their wanged steeds, simply fell upon the guar ray one and smothered is to meffectiveness with their charted bodies. Nearly two hundred of the Scientasse fell is hattle, stung to death by the seperal-file.

semponts uptil 37 means of the functional control of the control o

the atom and give us possession of western which

will destroy the satts and return the lordship of America to man. But as to thus, I do not know, I lardly dare hope. Their lesses over me and presses her soft check against mine, and though I do not icel at all herose, I are comfounded and made attorager by

her leve . Escape or help seems impossible. Nevertheless, it may going to be their manuscryse in the Time Massland warm stored to the service of the seed of the s

Signed Professor John Raubant Raywong Beng.

What Is To Be Done with the Document?

powrom to make of this ... this ... "Teacty," recurred the impyer. "I am positive ... "Eastly," recurred the impyer. "I am positive ... "And yet," faustled the Doctor of Science, "there are more three in baves and earth, Hereafth are excessed of myour philosophy" as Plumbe seed." I have a seen and the philosophy "as Plumbe seed." I have a seen a seen and a seed of the philosophy and a seed of the philosophy and the philosophy and a seed of the philosophy and the massacrity course rate bits prosessation. I believe the massacrity course rate bits prosessation. I believe the massacrity course rate bits prosessation 1 believe.

abadurdy. Perhaps rememe is trying to cover use not the next that thorsest downsand dollars disappeare. But that doesn't sound plurylibe either. My selvic is to lock the manuscript up in a sale. Time enough to publish sits contents to the world if nay quee happenings should occur—in South America, for metance.

metinee." The five other men gave heavy approval to this plan, and there the matter roots, except that there are at least three men in Berfieley, California, who exercisely seen the press every day for any strange news from Lakh America.

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# VER BEFORE

























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