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dimensional functioners can hardly be forced by any appreciable degree. The firsh as which such an instrument implied by used are necessarily many, and deer subtro, by this mean well known to the control of a feet of the control of the

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In any event, "incentification" is a use of that self-grow with the added voice. As detecte advices, compristion will obrasse and four-sit. No one of to-day can even distry (one-tion of the property of their way is tree which some events, or the property of the way of the control of fitting makes genero. The metics who is control when severi-ments, or a brief serv feet in 2.

is conceivable that it might in the fu-

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artists
Please note the following rules

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

Author of "The Time Machine," "The Island of Doctor Moreau," Etc.

CHAPTER I The Gure for Love

III. excellent Mr. Morris was own, and he lived in the da

contented by the state of the s

length. Everything that it was right and peoper for a man in his portion to possess, he possessed; and everything that it was not raph and proper for a mm in his position to possess, he did not possess. And imning other right and proper possessums, this Nr Morris laid a wife and children. They were

of children, of course; nothing imaginative or light flighty about any of them, so far as Mr. Mor could see; they were perfectly current clothin norther retent nor hygiene nor faddy in any way, by put seodile; and they leved in a noe senable how in the later Victoring sham.

architecture, with sham half-tembering of chocolate-pasted plaster in the galles, Lincrasta Walton slam carract of terrac outs to smitter some, and carbedral gloss in the front door. His boys with the some statement of the stat

were put to respectable professions; his guits, in spike of a fantastic protest or so, were all married to withinks, steady, obtain young men with good preospects. And when it was a fit and proper thing for him to do so, Mr. Morris deed. Has usuah was of markle, and uniform men are resonance of markle.

ery inscription, quietly imposing—such being to solvien of his time. He embryons that the He underwent various changes according to tecepted customs in these cases, and long being this story begins, even his buses had become do can and aute, and were retrieved theory. It was at thing be could not have magnine, that a day woul came when even his great-general-generations would be seathered to the four winds of howers. If any ophad suggested it to him he would have recented; it he was one of these worthy people who they have been a superior of the seather of the seather of the grave doubts, indeed, at there was any former for

to magnet anything happening after he was defer the thing was on, and when even his great-gregimation was that and decayed and forgustra, whi all alams, and the Traces was extinct, and the shir a reductions arrigative, and was extinct, and the smag some that had been search to Mr. Morras International the search of the search of the been bound to make line for discovering and was do and doed, the world was still going on, and peep

and dead, the world was still going on, and pees were still gaing about it, just as heedless and it patient of the Future, or, indeed, of anything it shelf own selves and property, as Mr. Morris he beens.

And, strange to tell, and minch as Mr. Morweedd have been augered if any one had for

ethy current cludings, that we will be supported by the support of the support o

sentered far and wide about this world, and mingled with a thousand allen strains, beyond all thought and tracting.

And among the descendams of this Mr. Morris was out almost as sensi-

hit and clear-branded or his sums stoom, short framescance. He had just the minimization century, from whom his name of Moorle contemptations expression of face. He was a proxperous person, too, as times went, and he dishlad the "new-langled," and bothers about the future tand the lower change, just as much as the ancestral Moor-

he did not know there ever had been a Times that institution had foundered somewhere as t intervening guilf of years; but the phonogra-



machine that talked to but as the misch is worth of a remma, unlike two team the warm of a remma of a remma, unlike two team the warm of a remma of the remm

solt down consideration of the solt of the

The state of the s

emantance—it was not in those days effective to talk bettere breakfast—and seated himself on one of these chairs, and in a few seconds he had been carried to the doors of a lift, by which he descended to the great and gelendle hall in which he herakfast would be autumatically served.
It was a very different meal from a Viegorian

be between the red common of three confiders to be about the many control to make a control to make a

sensions, sends that been reasing through an interval, recurrently all better belt by the proposition of the conlect blower belt for depthy any plant interval, the construction of the construction of the conlect blower belt belt in chiefly be copected to beland guest. At last he rose engrely and were line band, and simultaneously across the ball appearand a tail dark figure in a containe of yellow and alway goes. As this parton, which granical the tables with assessmed steps, draw easy, the public conveniences of his field with the contraction of the field with the contraction of the field with the contraction of the field with the con-

and pointed to a disar beside him.
"I feared you would never come," he said. In agine of the university space of time, the English language was still abused exactly the same as it had been in Hagland under Victoria the Good. The inventor of the phonograph and such like means of recording sound, and the gradual replacefront of

recording sound, and the gradual replacement of hooks by such contravance, had not only awred the human eyesgift from decay, but had also by the enablachment of a sure standard arrected the process of change in accent that had hetherto here so incratable.

"I was delayed by an interesting case," said the man in green and yellow, "A preminent politican—

shem!—ouffering from overwork." He glanted at the breaklass and seated himself. "I have been awake for footy bours." "Sancy that! You hypselfus been your work to do."

notices have your work to do."

The hyperfixt beloed himself to some attractive amber-coloured jelly. "I happen to be a good deal

"Heaven knows what we should do without you."
"Old we're not so indispensable as all that," said
the hypotoists ruminating the flavour of the jely,
"The world did very well without us for some thousands of years. Two hundred years ago even—not
one! In reactioe, that is, Physicians by the thousands.

sand, of course—frightfully clumsy heates for the most purt, and following one another file sheep but doctors of the mind, except a few empirical flounderers, there were none."

He concentrated his mind on the icity.

6.12 UT were people so same—" began Mween. The hypomoties shook his head. "He disalv matter than if they were a bit silty or inddy. Life was so ency-going than. No compatition worth speciality of no pressure. A human being had to be very lopated to fore anything lappened. Them, you have, they claped 'un away in what they called a hunc, they claped 'un away in what they called a.

ery keption before anything happened. Then, you now, they clipped 'un away in what they called a mate asylum."
"I know," said Mwres. "In these confounded atomical remances that every one in Interiory to.

or senetling of the sort. I don't know if you attend to that rubbish.

"I must confrae I do," soul the hypentias. "It carries one cut of order self to hear of those quanta advanturous, half-cubiced dups of the present extrary, when men were stort and warms nample. I thus a peed swaggering issue; before all thungs. Cut-

their lorse vehicles. I suppose you don't read books?"
"Darr, no!" said Mwres, "I went to a modern school and we had note of that old-fashsoned non-

the said, reging farmed to a care time conscious to the said of the said of the said of the said searcely through for I disease; if my one had teld time that in two hundred years' time a class of man would be married to coupsed in supersizing things upon the member, reflecting implement done, controlling and to forth, by means of hypometrics, they would have released to believe the thing possible. For purple knew that in order inside during a maximise could be given so as to be disput after the transite was over. Yet there were state make then who could

to come about an-well, the transact of Vennu.
"They knew of hypocosam, then?"
"On, dear, yes! They used it—for painters denfrom dodly and the that! This blue stuff is confoundedly good; what is it?"

tistry and things like that? This blue stall is confoundedly good: what is it?"
"Haven't the funitation," said Mwees, "but I admit it's very good. Take some more."

an appreciative point.
"Speaking of these historical romances," said
Worcs, with an attempt at an essy, off-hand manner, "letigs me-ul-—to the matter 1—th-—bid in
wind when I saked you—when I expensed a wish to
see you." He passed and took a deep breath.
The hypotolist turned an attentive eye upon him,

and continued enting.
"The feet is," and Murra, "Thave a—in fact a—dinghter. Well, you know I have given her—abvery officement advantage. Lectures—not a selftity lecturer of ability in the world but she has laid
a telephone direct, descling, deportment, conversation, philosophy, art criticism...." Me indicated

ar catholic culture by a gosture of his hand "I had jutended har to marry a very good frazal of mireoli Burdon of the Lughtup Commenton—phin Intel man you know, and a bit unpleasart in some of his ways, but an excellent fellow really—an excellent fellow"

"Yes," said the hyporists, "go on. How old is abor?"

"Yes," said the hyperesst, "go on. How old is she?" "Eighteen," "A denocross are. Well?"

"A dangerous age. Well?"

"Well: it seems that she has been indulging in
these instantial romances—excessively. Excessively,
Esten so the neglect of her philosophy. Filled her
mand with numerically romances about solders who

mad with unuserable noncease about soldiers who fight—what is n?—Etruscaus ** "Egyptians."
"Egyptians—very probably Hack about with

"Egyptans—very probably Hack short with swoods and revolvers and things—blood-shed galore—herritle!—and short young men on torpedo

sorts of irregular adventurers. And she has got it into her head that she must marry for Love, and that poor fulls Busions—"
"I've met surfar cases," said the hypotist. "Who

"I've mee surfur cases," said the hypnotist. "Who is the other young man." Moves maintained on appearance of resigned calm. "You may well ask," he said. "He is—and his

like his—as they my in the remaints—good looks. He is quite young and very eccentric. Affects the inhips—be, an read and write! So can the And limited of communicating by religioner, like actuality people, they write and deliver—what is in!" "Notes?"
"Notes!"

"No-not notes. . . . Ah-poems."
The hypnotist raised his cyclrows. "How did she

most him?"
"Tripped coming down from the flying-mochine from Paris—and fell into his arms. The muchief was done in a moment?"

"Well-shuft all. Things must be stopped. Their is what I was to cominly multor. When must be done? What can be done? Of course I'm not hypothetic my knowledge in Britished. But year-? "Hypothem is not sagie," and the man in green, pursing both mens on the table. "Oh, precisely! But still—!" "Pungle cannot be hypothical without their con-

sent. If she is able to stand out agreant marrying Bradon, she will probably stand out against being hypeoissed. But if once she can be hypnotised—even by somehody else—the thing is done.

by somehody else—the thing is done.

"You can—?"
On, criticaly! Once we get her smercable, then
we can suggest that she touch marry Einden—that
that is her inset or that the young mun is repulsive.

that is her fate; or that the young man is regulaive, and that when ahe sees lim she will be girlly and faint, or any little thing of that seet. Or if we, can get her into a unificiently profound trance we can suggest that she should integet him altogether—" "Procisely,"

"But the problem is to get her hyprotised. Of course no cert of proposal or suggration must come from you—become no doubt the already distrests you in the matter."

66T T'S hard a man cannot dispose of his own tion bearing upon the matter. And, by the bye, is there may money in the affair?"

"There's a sum-in fact, a considerable sum-invested in the Patent Road Company. From her mother. That's what makes the thing so exasocrat-

"Exactly," said the hypnotist. And he proceeded

It was a lengthy interview, And meanwhole "Elizebeth Mwres," as she soek

tury person would have put it, was sitting in a quiet withing-place beneath the great stage upon which upon the stage. When he had finasted, they sat for

At first it was a little oblong; faint and blue amidst large and white, and larger and whater, uptil they docted row. Although it was falling, it seemed to them. They heard the whisting rush of the air

Their silence ended; and Denton, speaking in a little larguage of broken English that was, they used such little hormous since the world becau-

She loved the dream, but she feared the leap; and she put him off with "Some day, dearest one, some to all his pleading that it might be soon; and for him to go back to his duties on the stage. They day London, all glazed in with glass, from the went to all parts of the city. And by one of these she returned to her apartments in the Hotel for Women where she lived the mertments that were the custom to have a chaperone in the case of mathergroup had a visitor that day, a man in green and amazingly. Among other thangs, he fell to praising

or the Great Pipit in Paince Yard," and "How the Piccadilly Policeman was Shan in the Milds of his Duty." The man in grean and yellow praised this innovation, "These only seminaria," he said "are innovation. "These pithy sertences," he said, "are admirable, They show at a glance those headlong the filthy streets, and death mucht want for one at every corner. Life was life then! How great the secred must have seemed then! How marvelless! endurance, faith, all the public virtues seem fortune

And so on, taking the eirls' thoughts with him London of the twenty-second century, a life inter-

At first Elusabeth did not join in the conversapeople. They were hypnotised, and then surrestions be living in ancient times again. They played out

they had been through as though it were a real "It is a thing we have sought to do for years and years," said the hyperdist, "It is practically an arti-

we live! Thirds!" "And you can do that?" said the chaperone engrely "The thing is possible at last," the hypnotist sind,

"You may order a dream as you wish The chaperone was the first to be hypnorised, and

The other two siris, encouraged by her embasison taken into that land of dreams where there is neither any freedom of choice nor will . . . And so the mischnel was done.

O NE day, when Denton went down to that quiet test beneath the flying stage, Elimbeth was not in her worned place. He was disappointed, and a latele engry. The next day she did not come, and the next take. He was atriost. To hade his tear from humself, he set to work so write sometas for her whenthe should come again... For three days he fought against his dread by such distraction, and then the truth was before him clear and rold and would not be deeped. She made

For three days he fought against his do such distriction; and then the truth was beforciear and cold, and would not be densed. She hil, alse might be dood, but he would not that he had been betrayed. There followed a of musery. And then he know alse was the onlon earth worth having, and that he must see

He had some could provide mean of the own, and to be the could be a finder own the approximation that the high genge, as it how all the world to him. He did not a know with a float found, and him of the own remembers (for R had found, and him of the owners) of the could be a float found to the country of the city for the country of the city for the country of the city for the cit

of mea.

At her chance was kind to him, and he saw her.

It was in a time of feativity. He was brangy, he
had pend the inclusive fee said had gene into one of
the greated dramp-places of the city, he was praising
his way manuag the tables and semitimizing by mere

force of habit every group in passed.

He stoot still, robbed of all power of motion, he
eyes wide, his has spart. Elizabeth sor scarcely
twenty yards away from him, looking straight at
him. Her eyes were as hard to him, as hard and
expressualess and word of recognition, as the eyes
of a statue.

She looked at him for a moment, and then her gaze passed beyond time. Hot he her gaze passed beyond time. Had he had only her cyes to Judge by he might have doubted it in where moded Elambeth, but he know her by the genture of her hand, by the gazer of a worken little card than deasted over her car as also worken little card than deasted over her car as also jake turned swilling toldrandly to the man bonde her. I altie man in Toolsh ranterior knobbed and sysked

Bindon of her futher's chaite.

For a moment District mood white and wild-eyed;
then came a terrible furthers, and he say before one
of the futtle tables. He sat down with his back to
her, and for a time he did not done to look at her
again. When at last he did, the still Bindon and two
other models were standing on to see. The others

He set as it incepable of action until the four figures were remote and small, and then he rose, possessed with the one idea of purpose. For a space he feared he had lost them, and then he come upon Elisabeth and her cheperone sawin in one of the Buston and Mwers had disappeared.
He could not control lammelf to patience He felt he mass speak to her feethwith, or die. He pushed forward to where they were sented, and sat down beside their. His white face was convolved with half-festigated secontement.

with hilf-hysterical excetement.

He had his band on her wrist. "Elizabeth?" he card.

She turned in unfelgned astonishment. Nothing

an the fear of a strange man showed in her face
"Ethosten", "In orded, and his voice was strange
to him," don'ter experience to the strange of the strange o

beight eyes examined Denten. "What do you say?"
the asked
"This young lady," and Denton—"she knows me."

"Do you know kim, dear?"
"Do you know kim, dear?"
"No," and Elanbeth in a strange week, and with a hard to her forehead, speaking almost as one who repeats a leasen, "No, I do not know kim. I know—I do not know kim."
"But—But ... Not know me I It is I—Dearan.

—I do not know him?

"But—but . . Not know me! It is I—Deuton
Deuton! To whom you med to talk. Dee't you remember the flying stages? The little seat in the open
an! The wrice.—"

with the four standow of a smale. "She does a know you?"
"I do not know you," said Elizabeth. "Of the am sure."
"But, dear—the songs—the fittle wayes—"
"She does not know you." well the chosens

"She does not know you," said the chaperon,
"You must not... You have made a mistake
You must not any on taking to us after that. You
must not amony us on the public ways.
"But—" said Denton, and for a moment his miser-

/"Buth—" said Demon, and for a moment his misershly haggard from appealed against fate. "You must not persist, young man," protested the chapteren. "Elizabeth!" he orled. "Elizabeth!" he orled.

"I do not know you," she cried, hand to brow "Oh, I do not know you," she cried, hand to brow "Oh, I do not know you," for an instance Denton set stunned. Then he shool up and greated alread.

up and greated aloud.

He made a strange gesture of appeal towards the renees gloss roof of the public way, then turned and went plunging recidensly from one moving platform to another and variabed anades the swomes of new

ple going to and fro thereon. The chaperone's eyes fellowed lam, and then she leoked at the current faces about her. "Dear," asked Elizabeth, chapting her hand, and too dearly moved to heed observation, "who was that

"Dear," asked Elimboth, clasping her hand, and too deeply moved to head observation, "who was that man? Who was that man?"

The chaperone rifued her cyclerows. She spoke in a clear, agdible voice. "Some half-widted creature.

"Never,"
"Never, dear. Do not trouble your mind about a thing like this."

AND soon after this the celebrated hypnotist who dressed in green and yellow had another client-The hypnotist watched him with quiet eyes, studied his face and clothes and bearing. "To forget any-thing—pheasure or pass—is to be, by so much—less,

of the hypnotised person. A love affair ton-like

The manner was a forced cales. He looked into the hypothesis eyes. "I will tell you. Of course you well ware to know what it it. There was a circle Her name was Elizabeth Mwres. Well. stood up. He seemed to dominate the seated figure

"Give for a time he could not and words. "Give her "What do you mean?" gosped the hypnotist.
"Give her me back."

"Floateth biwres-the siri-" "Let gof" cred the hypnotist, thruston an arm

portunity for betting, had faded out of the earth-

the hypercest had some down under his antaponist. Denton leaned to his feet, dismayed at his own a little white mark where his forehead had struck

A fear of the consequences entered his gently nurtured mind. He turned towards the door, "No," one who had seen no see of violence in all his life

his heart. Then he prered at the wound. He rose grictly and looked about him. He began to see more of the situation When presently the hypnotist recovered his senses, his head acted severely, his book was against Den-

The hypnotist did not speak. But presently be in-"Not yet," said Denton "You have assaulted me, you scounded!"

"We are slone," said Denton, "and the door is

There was an interval of thought "Unless I spenge," said Denton, "your forebead will develop a tremendous house." "You can go on spongerg," said the hyperotist

There was another pause. "We raight be in the Stone Are," said the hyp-

"In the Stone Age no man dared to come between

"But what-? I don't see. What do you mean

"I looked about for a weapon also. It is an astonishing thing how few weapons there are nownsmash your skull. I mill-unless you do as I tell

"Violence is no remedy," said the hypeceist, quet-ing from the "Modern Man's Book of Mural

"It's an undesirable disease," and Denton. "You will tell that chaperone you are going to

"Yes-that's how things stand. "And, pretending to do that, you will restore her

"It's unprofessional." "Look kere! If I cannot have that girl I would hitle bases 11 shyining goes wrong you seem too. weepen, and it may cure conceivably be painful to

so little in life that is worth being violent about. "I shall stand in that recess. Behind you." The hypereist throught, "You are a determined young man," he said, "and only half crvilized, I have tried to do my duty to my client, but in this

affair you seem likely to get your own way. "I'm not going to risk having my brains scattered in a petty affair fike this.

"There is nothing a hypnosist or doctor hates so much as a scandal. I at least am no savage. I sen

annoyed . . . But in a day or so I shall bear no "Thank you. And now that we understand each other, there is no necessity to keep you sitting any

longer on the floor,"

The Vacant Country

THE world, they say, changed more between the year 1800 and the year 1900 than it had done in the previous five hundred years. That century, the nuncteenth century, was the dawn of a new epoch in the hantesty of marking—the spech of the server tries, the end of the old order of country.

Bit.

I was a state of the determinant of the state of th

was a rapid growth of the larger eastern at the expense of the open country.

The flow of populations townward was the conman proconception of Virteelan writers. In Greet many processing of the control of the consume thrug was remarked, everywhere a few wordin towns were visibly replacing the ancient wordflow that was an introduction of the open conoft trust and transport—that, given south means of three and transport—that, given south means to

come the mysterious magnetum of the urban centres, and keep the people on the lind.

Yet the developments of the nineteerth centrery personal control of the mysterious contro

The introduction of railways was only the first step in that development of those means of lecomotion which finally revolutionized human life. By the year 2000 nulways and rook had vanished together. The railways, robbod of their rolls, had become the old reads, strange backuric tracks of flux and onl, harmsted by head or celled by rough iron rollers, otreven with suscendancess fifth, and out by iron house and whech sure out is only publics often many of a substance called Endhantes. The Endhantesof a substance called Endhantes. The Endhantesin was amond after its potenties—ranks with the invention of printing and strange on our dise sportmating discoveries of the world's hastery.

ably thoughout it were tracted to the manufacture of the loss model, the control of the loss may be control of the loss model of the loss may be control of

These public ways were made with longitudinal drinsons. Ou the outer on either side went foor cyclies and conveyances travelling at a less speed than twenty-free mite as hour; in the middle, motors capable of speed up to a hundred; and the inner cotravelling of the face of commons related; prewered for vehicles travelling at speeds of a hundred mitta an home and unwout.

For the years had not may were wears. But we was the property of the property

BUT to self of a the change in huma course.

Some the best was included any an inception of the country of the self of the change of the chang

things stuck hopelessly between them. Elimbeth said that she was very unhappy, and that nobody unthat his heart looged for her day and night. And

flying stage. The precise site of this meeting was or the Crystal Palace, of the newly built "mammoth" bover railway stations of his time, and to imagine aren. If then he was told that this continuous roof-

To their eyes it had something of the quality of a prison, and they were talking, as they had talked a hundred times before, of how they might escape said Denton-and the notes of his voice told of a

Their vigorous young hands had to grip at this,

She choked; she could not say the word that is so time was-for any one who had lived pleasantly-a tages of thetch and plaster, with the sweet air and earth about them, amidst tangled bedges and the sone

But all this had changed (the charge was already be-ginning in the nineteenth century), and a new sort In the nineteenth century the lower quarters were

posed to the smoke of more fortunate districts, instoreys and halls of the city fabric; the industrial population dwelt beneath in the tremendous ground-

N the refinement of life and manners these lower classes differed little from their ancestors, the developed a distinct dialoct of their own. In these the surface except when work took them there. Since for most of them this was the sort of lite to misery in such circumstances; but for people like

Elizabeth, was beyond their means; and in Paris, as in any other city in the world, life would be rust as costly and impossible as in London.

Well might Denton cry aloud: "If only we had

tury Whitechapel was seen through a reist of "Is there nothing?" cried Elizabeth, suddenly

weeping. "Must we really want for those three long Then suddenly Denton was moved to sneak of

"Suppose," be said, "we want into the country?"

"Yes-byood there. Beyond the hills."

"How could we live?" she said. "Where could "It is not impossible," he said. "People used to live in the country."

"But then there were houses." "There are the rums of villages and towns now.

On the clay kinds they are gune, of course. But not ply the Food Company to remove them. I from the flying machines, you know. Well, we might shelter in some one of these, and repair it with our hands. Do you know, the thing is not so wild as it seems. Some of the men wan on our every to bring us food . .

be if one really could . . . "

"But no one dares."

"It would be on! it would be so romantic and strange. If only it were possible."

"There are so many things. Think of all the things we have, things that we should miss "Should we miss them? After all, the life we lead is very sureal—very artificial." He began to expand his idea, aid as he warmed to his exposition the lantastic quality of his first proposal fided away. She thought. "But I have heard of prowlers— He nooded. He henrated over his answer be-

to be: on that day, but the next day they talked about 'At first we should take food," send Denton, "We

"But. . . . What do you mean?" "There was a time when there were no houses in

"But for us! The emptiness! No walls-no

"Dear," he said, "in London you have many beau-tiful cellings. Artists paint them and stud them with lights. But I have seen a celling more beauti-

"It is the ceiling under which we two would be

You mean. . . "Dear," he said, "it is something the world has

ACH time they talked the thing seemed more or so it was ource possible. Another week, and it becomed them. The spriled turnuls of the town. this sample way out of their troubles had never come

One morning near Midsummer-day, there was a new minor official upon the flying store, and Den-Our two young people had secretly married, and

their days. She wore a new dress of white cut in an

carried-rather shame-facedly it is true, and under cross-hilted thing of tempered steel. Imagine that point forth! In their days the sprawling suburbs of Victorian times with their vile and geranism, and all their futile, pretentious privamains, all came to an end together like a wall, like

places groups of gurantic teazles reared their favchines hunched under waterproof covers.

By a great archway in that enormous city wall sing in the morning sunsition with an enormous traffic

score of men, lank multicycles, quadricycles sarging setting, all with throbbing engines and notseless

Along the very verge of the outermost way our

young people went in allence, newly wed and oddly sky of one another's company. Many were the been in 1800. But they went on with steadfast even Before them in the south rose the Downs, blue at

first, and as they came pearer, changing to green, surmounted by the row of pigantic word-wheels than supplemented the wind-wheels upon the roof-spaces of the city, and broken and restless with the long another hour they had passed the clay and the root the prohibition against trespass no longer held; the truffic, and they could leave it and walk over the Never had these children of the latter days been

together in such a lonely place. They were both very hungry and footsore-lor

down on the weedless, close-cropped grass, and they had come, shining wide and intended to the blue have of the valley of the Thomas. Elinketh was a limit affauld of the emeclosed sheep away up the dope—she had never been near sig surrentrands of the sheep and the sheep are sheep as the corrected a valless surregion that crede in the base. They saled that links until they had exten, and then their temperature to be sheep as the speak of the them their temperature to the magnificent privaof lark besings somes out of the magnifectur privaol and besings somes out of the magnifectur privace that the sheep as the sheep as the sheep as the passed from the world for ever. And then be to the growth factor line, and the took if from be to had

"And you could," she said, "you—could ruse this and strike a man?"
"Why not? If there were need"
"But," she said, "it sectso so horrible. It would

"In the old rommers you have read often enough
"Oh, I know; in those —yes. But that is different.
One knows at is not blood, but just a sort of red
ink. And you—hilling!"
She looked at him doubtfully, and then handed

A FIRst they had rested and estre, they rose up and were on their way towards the this. They proved quite close to a large flock of skeep, who stared and leited at their uncentrosened figures. She that never seen sheep before, and the shavered to thrik such provide things must need be a basin for food. A skeep-long barked from a distance, and then a step-beed appeared another the supports of the world-wheel, and come borrowers the same with the step-beed appeared matter the supports of the world-wheel, and come borrowers the cauled cut shang withter the same contraction of the same step-beed appeared nor the called cut shang withter

Denton hemitted, and told him briefly that they sought some ruined house among the Downs, in which they might live tagether. He treat in speak in an off-hand insmore, as though it was a must thing to do. The man stared accredibility.

"Have you done anything?" he acked.
"Nothen," said Deston. "Only we don't want

"Nothing," said Denton. "Only we don't want to live in a city any longer. Why should we live in cities?"

The shruherd stared more incredulously than

"We mean to try."
The thepherd stared from one to the other.
"You'll go back to-mercow," he said. "It ledes
peaksit enough in the sample,". Are you surpeaksit the sample, "I have been a said
proof friends of the golder.
Deature looked at him steedingst," "No," he said.
"But we are too your to her in the city, and we
can't bear the thought of wearing clothes of the
arithmy the said of t

ul face. He glanced at Elizabeth's fragi "They had simple minds," he said. "So have we," said Denton.

"So free we," said Derston.
The shepherd smiled.
"If you go along here," he said, "along the creat
beneath the wind-wheels, you will see a heap of
mounts and trans on your righth-hard side. "The

was cose a town called Eposm. There are no bousses there, and the bread have been used for a sheep pers. Go on, and another heap on the edge of the assety about the benefit of a willey, and there are woods of beechs. Reep along the creat. You will not be the contract of the contract of the contract of all the weeking that is often, ferre and brockeds and other such underspired the underlocked sum as a function of all the weeking that is often, ferre and brockeds and other such underspired the underlocked sum as a function of the contract of the three contracts of the contract of the

tions. After you may man seemer.
They thanked lem,
"But it's a quiet place. There is no light after
dark there, and I have heard tell of rothers. It is
leady, Nothing bappens there. The phonographs
of the story-tellers, the lahermateurph intertainmounts, the news machines—sace of them are to be
found there II you are hungry there is no food.

if you are ill no deceter. ... He stopped.

We shall try it, and Detroit, moving to go on. Then a thought struck from and he mode an agreement with the despited, and learned an enter when the despited, and learned when they might find ham, to key and being them assigning of which they stood in metal, out of the city.

AND in the evering they came to the descrited village, with its noness that scenned so small

A village, with its houses that seemed so small and odd to them they found it golden in the glory of the sumest, and desilate and still. They went from one deserted becore to another, maveyling at their quant simplicity, and detaking which they should becore. And at last, in a omit corner of a room that had last its outer wall, they area upon a wall finwer, a finite flower of like that the wooders of the

Food Company had overhabetd.
The bisse twy decided upon that they do not reason in it long that right, because they were reasolved to fixest upon nature. And moreover the acutes became very guant and shadowy after the analysis had fixed out of the kty. So after they had reased a fixel time they went to the creat of the fill upon to see with their own eyes the officers of herein set with the do you had the do not have not with the all point had a support to the creates the state, show which the all point had not been upon the state of the see and when they are the state of the see and when they are the state of the see and when they are the see and the se

wont down the hill at last the sky was pale while.

They leep by light, and in the oversing down. They sky by light, and in the oversing down. They sky by light and the control of the light and the

—ecugh, barbarie, chamsy furniture, it seemed to them, and made of wood. They reposted many of the things they had said on the previous day, and towards extraing they found another flower, a barebell. In the late afternoon some Company shepherds went down the river valley riding on a big multiproclet her they but from them, because their In this feeling they level a week. For all that

week the days were cloudless, and the moltes, nights Yet something of the first splendour of their com-

each suffered from a afight unacroumable cold grown garden-though he had nothing to plant or

"There were giants in those days," he said, not valley. "I wonder how things are going on there,"

And then came a change in the westher, "Come the up to ranged edges at the wirth. And as then ered. And then far away the hebteine finshed. materal the last streak of surset was hidden by a

and all about them the world scowled dark and Searing hands, these eliberen of the city run down

diemey, and the darkfing ground about them was whee and brittle and active with the pelting hall. Then began a strange and terrible night for them. For the first time in their civilised lives they were in absolute darliness; they were wet and cold and about her, and so they crowhed in the darkness.

Never before had they been in the open air save when the sun was shloing. All their time had been speed in the warm and airy ways and halls and rooms at the latter day one. It was to them that ranks as if they were in some other world, some disordered the they should over see the city ways again.

The storm seemed to last interminably, until as very swiftly it fell and ceased. And as the last potter of the rain died away they heard an un-

**WHAT is that?" oried Elisabeth. does. It drove down the desert lane and named:

dose-frame and of a tree to black albonette, shope the Told of the waxing moon. Just as the rale down was drawing the things about them vato sight, the fitted barkone of slove

came near again, and storped. They listened. After a passe they heard the quiek pattering of feet neeking round the house, and short, half-emothered barks. Then again everything was still.

"Soi!" whapered Elasabeth, and pointed to the deer of their room

Deuton went half-way towards the door, and stood listenion. He came lark with a face of afferted inconcern. "They must be the sheep-does of the Food Company," he said. "They will do us

He sat down seain beside her, "What a night "I don't like does," answered Elizabeth, after a

Does never burt any one," said Demon. "Te-

had a dog."
"There was a remence I heard once. A dor "Not this sort of dog," said Denton confidently "Some of those remaners—are exaggrated." Swidenby a holf back and a natterior up the staleease; the sound of penting. Deuton sprang to his

which they had been lying. Then in the doorway appeared a gaunt sheep-dog, and helted there. Behind it starred another. For an instant man and brute faced each other, heaftating,

Then Demen, being ignorant of dogs, made a sharp step forward. "Go away," he said, with a clumey motion of his sweetly

The dog started and growled. Denton stopped sharply, "Good dog!" he said. The growing jerked into a bark,
"Good deg!" said Deuten. The second deg growled and barked. A third out of sight down the

staircase took up the barking also. Outside others gave torgue—a large number, it seemed to Denton,
"This is annoying," soil Denton, without taking
his eye off the brutes before him, "Of course the

Denton tried again, but the banking still drowned his voice. The sound had a curious effect upon his changed as he shouled. He tried again; the backing seemed to mock him, and one dog danced a pace forward, brisking. Suddenly be turned, and uttering certain words in the dialect of the underways, words incomprehensible to Elizabeth, he made for the days. There was a sydden cessation of the barking, a growl and a snapping. Elizabeth saw the sparting head of the foremost dog, its white teeth and retracted ears, and the flash of the thrust blade, The brute leapt into the air and was flung back. Then Denton, with a shout, was driving the dogsbefore him. The sword flashed above his head with a sudden new freedom of gesture, and then he vanished down the staircase. She made six steps to

She stopped, and hearing the tunsuk of dogs and Denton's shouts pass out of the house, ran to the Nine wolfish sheep-dogs were scattering, one writhed before the north; and Denton, tasting that strange delight of combat that slumbers will in the blood of even the most crylluged man, was shouting and running across the garden space. And then she

have called to him. For a moment she felt sick and helpless, and then, obeying a strange impulse, she the hall was the rusting soade. That was it! She

She came rone too soon. One dog rolled before him, well-nigh slashed in half; but a second had him

It might have been the first century instead of the twenty-second, so far as she was concerned. All the gentleness of her eighteen years of city life vanished before the primordial need. The spade smore crouching for a spring, yelped with dismay at this unexpected antagonist, and rushed aside Two wasted precious moments on the binding of a femi-

The collar of Denton's closic tore and parted as he staggered back; and that dog too felt the spade, "To the wall!" cried Elizabeth; and in three seconds the fight was at an end, and our young people stood side by side, while a remnant of five does, with cars and mile of disaster, fled shamefully from

and then Elizabeth, dropping her spade, covered her his sword into the ground so that it was at hand,

AT last their more turniftuous emotions subsided, and they could talk again. She least upon the

she was brave and had saved his life. But a new They are the does of the Food Company," she "They are the days of the said. "There will be trouble"
"I am atraid so. Very likely they will prosecute us for trespass."

A pause. "In the old times," he said, "this sort of thing happened day after day."

"Last night?" she said. "I could not live through another such night. He looked at her. Her face was pale for want of sleep, and drawn and haggard. He came to a sudden resolution. "We must go back," he said. She looked at the dead dogs, and shivered. "We cannot stay here," she said.

"We must so back," he repeated, plancing over "We have been happy for a time. . . . But the world is too civilized. Ours is the are of cities. More of this will kill us." "But what are we to do? How can we live there?"

Denton hesitated. His heel kicked against the wall on which he sat. "It's a thing I haven't mentioned before," he said, and coupled: "but..." "You could raise money on your expectations,"

"Could I?" she said engerly.
"Of course you could. What a child you are!"

She stood up, and her face was briefe. "Why did you not tell me before?" she asked. "And all this time we have been here?" He looked at her for a moment, and sended. Then the smile vanished. "I thought it ought to come from you," he said. "I didn't like to ask for your

money. And besides—at first I thought this would be rather fine." "It has been fine," he said; and glassed once more ever his shoulder, "Until all this began," "Yes," she said, "those first days. The first three

days."

They looked for a space into one another's faces. "To each peneration," he said, "the life of its

fashion, . . . Coming here was a dream, and this-is "It was a pleasant dress," she said,-"in the

For a long space neither make "If we would reach the city before the shepherds

Dengon glanced about him again, and, giving the stained stairs again. In the hall Elizabeth stopped "One minute," she said. "There is something here," little blue flower was blooming. She stooped to it,

"I want it," she said; and then, "I cannot take Impulsively she stooped and kissed its petals.

empty garden-space into the old high road, and set their faces resolutely towards the distant city towards the complex mechanical city of those latter days, the city that had swallowed up markind.

CHAPTER III The Ways of the City

PROMINENT if not puramount among world-changing inventions in the history of man is that series of contrivances in locomotion that began with the railway and ended for a century or more with the motor and the patent road. That these contrivuoces, together with the device of limsted liability joint stock companies and the supersession of agricultural laborers by skilled men with after the event, a thing so obvious that it is a matter miseries such a revolution might entail closs not anpear even to have been suggested; and the idea that sponsibility, of comfort and beauty, that had ren-That a critisen, kindly and fair in his ordinary life. could as a shareholder become almost murderously whelming; that arcient charity was modern purperiand rights of man had become urgently necessary, thought. It was known that the accumulation of pestilence; there was an energetic development of sanitation; but that the diseases of sambline and word the score of ninetoenth-century thought. And unhindered by the creative will of man, the growth of the swammer unboter cities that mark the twenty-

first century accomplished itself.
The new scienty was divided into these main.
The new scienty was divided into these main of the control of

limity and precarious speculation anidst the movements of the great mentagers.

Already the love story and the nurrying of two persons of this middle class have been told; how they overcame the obstacles between them, and how they trived the simple old-findriened way of living on the country-gibt and came back speedily enough into the city of London. Denote had no means, so Elecheth berowed money on the securities that her finher Mwres held in treat fee her until she was one-andtreenty.

returning of fairness day paid awa of curses below feethers of the memority of the security, and the architects of barries for flower is often selectly and optimized and the selection of the se

Persenty Eliabeth was of age, and Deston had a bostones instead with the status that was on a gravable. An exceedingly disagneestle interiest with their mostly-shader followed, from which have the status of the s

of the Goo grains that had accompanied her description.

"You don't mean . . .?"

"Yes," he answered. "Ever so much. We have

And Elizabeth art down. For a moment she regarded him with a white face, then her eyes went about the quasiet, del-fashforned room, with its middle Victorius furniture and genuine eleographs, and rested at list on the little hump of humanity within her arms.

DENTON glanced at her and stood downcast.

Then he swring round on his heal and wallood up and down very rapidly.

"I must get something to do," he broke out presently. "I are an alle sounder! I ought to have

Than get something to 65, he touce out preently. "I am an idle sommerl. I ought to has thought of this before. I have been a selfish feo I wanted to be with you all day..."
He stropped, holding at her white face. Sudden!

he came and lessed her and the little face that newther against her breast.
"It's all raphs, dear," he said, standing over her; "you won't be londy now—now Durgs is beginning to talk to you. And I can soon set semething to do. you know. Soon . . . Easily . . . It's only a shock at first. But it will come all right. It's sure to come right. I will go out again as soon as I have rested, and find what can be done. For the present it's hard

"It would be hard to leave these rooms," said Elizabeth: "bue-"There won't be any need of that-trust me." "They are expensive

Derson waved that aside. He began talking of what it would be; but he was quite sure that there

was semething to keep them comfortably in the hance middle class, whose way of life was the only "There are three-and-thirty million people in London," he said: "some of them saust have need of me,"
"Some saust."

"The trouble is . . . Well-Bindon, that brown little old man your father wanted you to marry.

"I didn't know that," said Elicabeth "He was made that in the last few weeks . . . or

the fising stage. But there's dozens of other things so be done-dozens. Don't you weery, dear, rest a little while, and then we'll dine, and then I'll So they rested, and then they went to the public search for employment. But they soon realized that secure, honorable, remunerative employment, leaving ample leisure for the private life, and demanding no special ability, no violent exertion or risk, and no sacrifice of any sort for its attainment. He evolved a number of brilliant projects, and seem city to another in search of influencial friends; and all his influential friends were plad to see kiss, and and then they became guarded and vague. He would part with them coldly, and think over their behavior, unprofeshie currel. And as the days osssed, he and careless before Elizabeth cost him an effort-as

helped him out with a poinful suggestion. He had it came to selling all their joyfully bought early Victorian treasures, their quaint objects of art, their antimarassars, bead mats, repp rurtains, venered who made the proposal. The sacrifice seemed to fill her, said she was braver than when she fought the

sheen-does, called her Boadicon, and abstained very carefully from reminding her that they would have little voice with which Dings greeted the perpetual His idea had been to get Elizabeth out of the way

when it came to selling the absurd furniture about gled with the dealer while Denton went about the row and the fear of what was still to come. When they moved into their sparsely furnished pink-andwhite apprenents in a cheap botel, there came an outbreak of furious energy on his part, and then nearly a week of lethargy during which he suffeed at home. Through those days Elizabeth shone like a star, and at the end Denton's misery found a vent again, and-to his utter amazement-found tome

His standard of employment had fallen steadily high official position in the great Flying or Windyane replaced newspapers, or to some professional part-From that he had passed to speculation, and three hundred gold "lions" out of Elizabeth's thousand had vanished one evening in the share market. Now position of salesman to the Suzannah Hat Syndicate. ered in ladies still wore extremely elaborate and

T would have been amusing if one could have confronted a Regent Street shopkeeper of the afreezesth century with the development of his estabit was now a street of moving platforms and nearly eight hundred feet wide. The middle space was immovable and gave access by staircases descending into subterranean ways to the houses on either side. Right and left were an ascending series of continuous platforms each of which traveled about five miles an hour faster than the one internal to it. until one reached the swiftest outer way and so go about the city. The establishment of the Suntarnah queer way, sending out overhead at either end an overlapping series of hupe white glass screens, on ion. The whole front of the building was in per-

petual chromatic change, and all down the facule-A broadside of gizzatic phonographs drowned all at the passer-lay, while far down the street and up, other batteries counseled the public to "walk down for Susannah," and queried, "Why don't you buy the girl a hat?"

For the benefit of those who chanced to be deaf -and dealness was not uncommon in the London of that age, inscriptions of all sazes were thrown from the roof above upon the moving pheforms themselves, and on one's hand or on the hald head of the man before one or on a lady's shoulders, or in a sudden jet of flame before one's feet, the moving finger wrote in unanticipated letters of fire "ets r clop i'de," or simply "ets." And despite all these efforts so high was the pitch at which the city lived so trained became one's eyes and curs to imore all sores of advertisement, that many a citizen had passed that place thousands of times and was still maware of the existence of the Summerah Hat

To enter the building one descended the staircase in the middle way and walked through a public were willing to wear a ticketed hat for a small fee, pedestals, and from this one passed through a cash with its salesman, its three or four lats and pins, slides in communication with the central depot, its consortable loungs and tempting refreshments. A him, to behave as wirningly as possible, to offer refreshment, to converse on any topic the possible cusflattery, the enhanced impression made by the hats by various subtleties of curvature and tint to differ-

Denton flung himself at these curious and not very construct deties with a road will and rostry that would have attented him a year before; but all to no surpose. The Senior Manageress, who had

This second search did not last very long. Their maney was at the ebb. To eke it out a fittle longer Therein children encountered hygienic and educational advantages impossible without such organizadown to those of the labor Company, where children were taken on credit, to be redeemed in labor as they grew up.

BUT both Denton and Elizabeth being, as I have explained, strange old-fashioned young geople. full of ninetcenth-century ideas, hated these convenient eroches exceedingly and at last took their little daughter to one with extreme reluctance. They were received by a motherly person in a uniform who was very brisk and prompt in her manner until Elizabeth wept at the mention of parting from her child. The motherly person, after a brief astonishment at this unusual emotion, channel sucidenty into a creature of hope and comfort, and so won Elizaboth's gratitude for life. They were conducted into hundreds of two-year-old girls grouped about the toy-covered floor. This was the Two-year-old Room. their bearing towards Dings with jealous eyes. They were kind-it was clear they felt kind, and we . . was happily established in a corner, sitting on the floor with her arms filled, and herself, indeed, for

the most part holden by an unaccustomed wealth of They were forbidden to upset her by saying At the door Elizabeth planted back for the last

time, and behold! Dings had dropped her new wealth and was standing with a dubious face. Suddenly

forward and closed me more.

"You can come again soon, dear," she said, with
unexpected tenderness in her eyes. For a moment
that the second of her with a blank face. "You can Elizabeth stared at her with a blank face. "You can come again scon," repeated the nume. Then with a swift transition Elizabeth was weeping in the And three weeks after our young people were

possessions were seized, and with scast courtesy they were shown the way out of the hotel. Elizathat ascended to the motionless usaddle way, too firshed and hot. He slackroad his pace as he overtook her, and together they ascended to the middle "We need not go there—yer!" said Elizabeth.

Elazabeth's eyes sought a resting-place and found none. To the right roared the eastward ways, to the with people Backwards and forwards along a cable overhead tushed a string of posticulating men.

"Which?" said the bittle girl. "'Im wiy his now colored red," said the amenic

The little girl began to cry, and Elizabeth could "Am't 'e kickin' 'is legs !- just " said the anarone woman in blue, trying to make things bright again. II ooky-11

On the focuse to the right a hure internals bright

A year and desolating braving become "If you love Swagger Literature, put your telephone on to Brungles, the Greatest Author of all Time. The Greatest Thinker of all Time. Teaches was Morals us to your Scale! The very image of Socrates, except

Denton's voice became sudible in a cup in the was saving. "I have wasted your money, ruined you,

brought you to misery. I am a scoundrel . . . Oh, She tried to speak, and for some moments could not. She grasped his hand, "No," she eaid at last,

tion. She stood up, "Will you come?"

He rose also "We need not so there yet." "Not that But I want you to come to the flying

He hesitated still for a moment, then moved to And so it was they spent their last half-day of freedom out under the open air in the little seat under the flying stares where they had been wont to meet five short years ago. There she told him, had for them, she was content with the things that had been. The weather was kind to them, the seat

planes went and came. At last towards sensetting their rices was at an end, and they made their yows to one another and classed hands, and then rose up and went back usto the pale blue siens that marked a Labor Commany

THE Labor Company had originally been a char-stable organization; its aim was to supply food, thelter and work to all corners. This it was bound to do by the conditions of its incorporation, and it cal attendance to all meapable of work who chose to demand its aid. In exchange these incapables paid taker notes, which they had to redeem upon recovery. They signed these labor notes with thumb-marks. which were observerabed and indexed in such a way that this world-wide Labor Company could identify any one of its two or three hundred rellion circus at the cost of an hour's inquiry. The day's labor man defined as two smells to a treadmill meed gether, but supplied practically all but the very high-

Nearly a third of the population of the world were and no rags, no continue less sarotary and sufficient than the Labor Company's Inviente but incleased world. It was the constant theme of the phosographic newspapers how much the world had neo bodies of those killed by the velocular traffic or dead

Denton and Elizabeth sat apart in the waiting collected there seemed himp and tacitum, but three or four young people gaudily dressed made up for the cuirtude of their commanions. They were life clients of the Company, born in the Company's crecke and destined to the in its hospital, and they

Elizabeth's eves went from these to the less assertive figures. One seemed exceptionally poilful to her. It was a woman of perhaps forty-five, with

gold-stained bair and a painted face, down which henry eyes, lean hands and shoulders, and her dusty worn-out finery told the story of her life. Another was a grey-hearded old man in the conturne of a bishop of one of the high spacopal sects-for religion was now also a business, and had its upo and downs. And beside him a sickly, dissipated-looking boy of perhaps two-and-twenty glared at Pate. Presently Elizabeth and then Denton interviewed the manageress-for the Company preferred women larly unpleasant voice. They were given various checks, including one to certify that they need not

thereinto, and exchanged their shabby middle-class remired to the hope plain dining-room for their

When they had made the exchange of their clothing Elizabeth did not seem able to look at Denton at first; but he looked at her, and saw with asternishment that even in blue carryes the was still beautiful. And then their soun and bread came sliding on its little rail down the loar table towards there and stopped with a jerk, and he forgot the matter. For they had had no proper meal for three days. After they had dined they rested for a time. eatly they yot up and went back to the manageress

to learn what they had to do. The manageress referred to a tablet. "Y'r rooms won't be here; it'll be in the Highbury Ward, ninety-seventh way, number two thousand and seventeen. Better make a note of it on y'r card. You, nought five and ninety, male; you 'ave to go to the Photoconething or other - I don't know - thrippence. Ere's y'r cards. That's all. Next! Whot? Didn't catch it all? Lor! So suppose I must go over it all arsin. Why don't you fixten? Keesless improvi-

THEIR ways to their work my together time. And now they found they could talk "HEIR ways to their work lay together for a Concusty enough, the worst of their decession said, "it can't be so hateful as that hat shop. And after we have said for Dines we shall still have a wards-we may improve-get more money." Elizabeth was less inclined to speech. "I wonder

"It's odd," said Denton. "I suppose it wouldn't Elizabeth did not answer. She was not thinkin of that. She was tracing out some thoughts of her "Of course," she said presently, "we have been

She stopped. It was too intrieste.
"We paid for it," said Denton, for at that time
he had not troubled hunself about these corrolleated

things.
"We did nothing-and yet we paid for it. That's

"Perhaps we are paying," said Elizabeth presserrole. Presently it was time for them to part, and each

a complicated hydraulic press that seemed almost an intelligent thing. This press worked by the seawater that was destined fluilly to flush the city spread by a billion arterial branches over the city. Theree it poured down, cleansing, shricing, working machinery of all sorts, through an infinite variety of capillary channels into the great drains, the

cloacue manimae,* and so carried the sewage out to every side. The tress was employed in one of the processes of the photographic manufacture, but the nature of the process it did not concern Denton to understand.

The most saltent fact to his mind was that it had to be conducted in ruby light, and as a consequence the room in which he worked was lit by one colored globe that powed a lurid and poinful illumination about the room. In the darkest corner stood the press whose servant Denton had now become: it was squatting like some metal Buddha in this weird light that ministered to its needs, it seemed to Denton in obscure ided to which humanity in some strange a varied monotony. Such items as the following will convey an idea of the service of the press. The thing worked with a breay clicking so long as things petually compressing most him places, changed in quality, the rhythm of its click altered and Dentun one or more of his daily pence. If the supply of the poinful vigilance a multibude of such trivial occasional visit from the manager, a kindly but singularly foul-mouthed man, Denton passed his

Elizabeth's work was of a more social sort. There of the very wealthy with metal places beautifully embossed with repeated patterns. The taste of the time demanded, however, that the repetition of the arrangement of pattern irregularity was obtained by square feet of plates was exacted from Elizabeth as a myrinouse, and for whatever square feet she did in excess she received a small payment. The room like

Only two or three of Elizabeth's fellow-workers were born labor serfs; plain, morose suris, but most

the ideal of what constituted a gentlewamen had *Principal or largest sewers.

altered; the faire factor receive virtue, the moduioned centlesceron had vanished from the cards rained complexions, and the texture of their reminiserre conversations, the vanished plories of a contheir surprise that any one so young and pleasant should come to share their toil. But Elizabeth did not trouble them with her cid-world moral con-

THEY were permissed, and even encouraged to ature of mood made for pleasing fluctuations in their patterning; and Elizabeth was almost forced to bear the stories of these lives with which her own interwaye; earlied and distorted they were by youity indeed and yet comprehensible enough. And exin she bumn to appreciate the small spites and clience, the lettle mounderstandings and alliances ness of speech, that she seemed to regard as the mess of speech, that one seemed to regard as the wattiest expression of originality conceivable; a third

others out always together, and called one another pet rames, until one day some little thing happened. un incressore tan, tan, tan, tan, and the murarress away. Top, tap, tap; so their days passed, so their lives prost pass. Elizabeth sat arrows thern.

tap, tap, tap; top, tap, tap; tap, tap, tap, So there came to Denton and Elizabeth a long succession of laborious days, that hardened their hands, wove strange threads of some new and sterner bright, convenient ways of the former life had recoded to an unconsible distance: slowly they learnst ous, vast and pregnant. There were many little things happened: things that would be tedient and miserable to tell, things that were hitter and gnevous to bear-indignities, tyrannies, such as must ever season the bread of the poor in cities; and one thing that was not little, but seemed like the otter blockening of life to them, which was that the child they had given life to sickened and died. But that atory,

been the same; it will always be the same. It is one had come through the shricking, turneltuous ways of the city socycles; the classor of trade, of welling connectitive relations of political anneal had heat upon deaf ears; the place of focussed lirtes, of descing letters, and fiery advertisements, had fallen upon the set, miserable faces unbeeded. They took their dinner in the dining-hall at a place apart. "I want," said Elizabeth clumsily, "to go out to the Denien broked at her. "It will be night" be said

"I have asked—it is a fine night." She storoed. see the stars once more, the stars they had watched together from the open described in that wild hopey-

And at last they came out to their field and on was cale blue with the effuliyence of the stage overand corries and natches of brilliance caucht in a meth-work of Eche. The Strie stars seemed were faint and small; near as they had been to the oldworld warcher, they had become new infinitely remore. Yet one could see them in the disland ward sky, the ancient constellations stiding steadfast

Long our two people sat in silence, and at last "If I understood" the said "if I could understand. When one is down there the city seems most lier was most scramble. Here, et is notherer a thing that passes. One can think in peace, "Yea," said Denton, "How flirsy it all as! From here more than half of it is swallowed by the night.

"We shall pass first," said Elizabeth. "I know," said Denton. "If life were not a moment, the whole of history would seem like the city will pass, and all the things that are to come,

He saused, and then began afresh. "I know what you feel. At least I fancy ... Down there one thinks of one's week, one's little vessitions and pleasures. one's eating and driming and ease and pain. One lors, and one must die. Down there and everyday

it would seem impossible almost to go on loving it things would matter. They don't matter. . . They are a part of something. One seems just to touch

that something-under the stars. He stopped. The vague, impalpable things in his mind, cloudy emetions half shaped towards ideas, vanished before the rough grasp of words. "It is

hey sat through a long stillness. "It is well to come here," he said at her, "We stee-our minds are very finite. After all we are just poor mimals rising out of the bruce, each with a mind, the poor beginning of a mind. We are so stored. So much horts. And yet . . .

"I know, I know—and some day we shall not, "All this frightful strens, all that discust will raselve to harmony, and we shall know it. Nothing it but it makes for that. Nothing, all the haldness every lutle thing makes for that harmony. Everytime is necessary to it, we shall find. We shall me, could be the control of the control of the control of the left out. Not even the most throad. Every mp of left out. Not even the most troval. Every mp of my idieness even . . . Dear one! every movement of our poor little one . . . All these things go on for ever. And the faint unpolpable things. We, satting here together.—Everything . . .

"The passon that joined us, and what has come since. It is not pession now. More than anything clee it is sorrow. Does..."

He could say no more, could follow his thoughts to better.

Elizabeth mode no answer—she was very still; but presently her hand sought his and found it.

n or Part I)

The Fallacy in "Ten Million Miles Sunward"

of Harvard College Observatory, Cambridge, Mass.



ASTRONOMICALLY speaking, the thing is totally unsound; it is entirely impossible to chance the course of the earth (I mean in its path around the earn) by doing anything from the earth itself. To change the earth's orbit would require a force coming from the outside. At the most, we could do a little toward it by breaking the earth in two, then the two hits might very well pursue another orbit. The fundamental law of mechanics is that the centre of gravity of the earth will remain in its orbit so long as only interior forces act, and in the case of the Carpian adventure we are dealing with a purely interior force. Besides, the shifting of the centre of gravity on its account would be very small.

If the water flowed from the Black Sea into the Caspian at a tremendous rate of speed, it might for the time heing slow down the rotation of the earth a little and make the day a few seconds longer, but would have no further effect.
After the Caspian had been filled up the rotation would come hack to practically the same value it had before. Also, in such a case, if the earth swerved at all from its course, it would do that gradually, and not suddenly.

If we were really in the predicament proposed by the author of "Ten Million Miles Sunward" our only salvation would lie in thooting off enormous projectiles in the direction opposite to the way we wanted to go. This is essentially a force from the outside.

Concerning the Black Sea-Cappian conscrisin it might be of interest to know that there is a cased between the rivers Don and Volga, thereby connecting these two seas. At least so I was told when I was in Rausia last summer. I do not think however that the thing is on any large scale and probably too high up to fill the Cappian with Black Sea water.

The YEAST MEN by David H. Keller M.D.

Author of "The Revolt of the Pedestrians"



ruined her finances and deprived her neonle of even a hope for better years to

NLESS the unexpected happened, Mo-

ronia would be destroyed. The last war

Like a previous conqueror, Premier Plantz arms for the final struggle. "Moroma must be destroyed l he said on the 1st of September, 19-, "She lies in threatening cancer. We have cut off her commerce and bled her maupower white. Now is the time to

rous must be destroyed! adjourned. The War

Modern meripse is very much as is described by this in-

the Air Service if his corps was prepared for war reply from Colonel Von Does "We are necessared for

"That is the speech of a coward. Are all of the

corps like you?" demanded Premier Plantz. "I am informed the Moronians have only a few air craft

"We fear nothing," replied Von Dort, white with suppressed anner, "but we know the truth. Since the and our aviators killed. In every instance the bodies will render impossible any attack on the enemy by

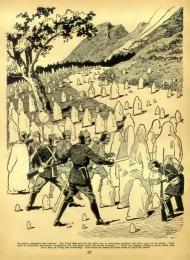
The Preuser started to pound the table with his been done to protect our Y OU have, of course, read Dr. Keller's many, "The Revolt of the Pedestrians," which are pointed in the

"I made daily reports to torted Von Dort, "The en-

ment of Physics and

"Colonel Von Dort is right," interrupted the Chief

filed regularly, and a daily summary has been sent to wary, artiflery and infantry. With our calvary alone



"Ch! I suppose so. I suppose so!" replied the Premer, petulanty. "Still I wanted to blow them into hell with air bombs—all of them, mea, women and chidren."
"But if you did that you would also destroy property," arrayed General Hurlang. "The infrarer can

erty," argued General Hurlang. "The Infantry can wipe out the population just as effectively without the loss of a single structure. What worries me is this: They have a powerful ray of some kind which we know can destroy a plane at ten thousand feet. Suppose they turn these rays safewise on one advan-

the many. What will hopefur? General' matters the best will be present of the Presine. "Here we not the artitlery to last nor way through such infermal markines? Der infantis markines in the superior of the present of the present of the present of the present of such that covers that country that country is the superior of country that country is the present of th

Von Dort, you are dismissed from the service for cowardier. Go where you please, but if you are in Eupseas at the end of two days, I will have you shoe."

Von Dort, drawing his dress sword, broke it over his knee and threw the puces on the table in front of the Prenuer. Sand Von Dort, "A country that thus

men around the table kept an awkward silence as he left the room.

Premier Plantx stood up. "You guntlemen know what so do. I will accept on executed for incompency. Moronis must be destroyed. We will met again a week from today. The Secret Service had better follow Von Dort and imprison him. I do not

come from that nation. She was the daughter of a

former Moronian general, who died in the last war,

Von Dort had been a member of the army of occupation, and once having met this parecular young lady, all his logship to Eupena was Insufficient to prevent him from falling in love. He felt that if he lad to the, it would be better to die with his wife sand haby in the mountains of Moronia, than in solitude in an Eusenian nrinor.

I MER reads usuings heat deem to the freezier, and Von Dort use when the Barriack and been interest. It was a steeply woode gate, but he surrous reads, It was a steeply woode gate, but he statement in the statement of the state

Morous, souisally a storactly, use in every respect demorstics, except that is that a King. Every citizes left an equal amount of reverence and finteredy for this monanth. There was runk, both in and without either systemy or tyracory. Consequently it was easier to see the Communding General in Morousis than it was to see the Third Assistrenas lived among the morousities, and life the eagles of the crusp, priend there littery. In consecuence of all this two only a lew shows before Vo

They believed all that is said. Expectally that they believe him after him wife tailed in them in third makers paids. There were stem joverner who tail makers paids. There were stem joverner who tail not community to the control of the community of of the c

The General at once sent for the King to join their detherazone. Rudolph Hubeliane came, a limit withered, one-anned man with the fire of a liter is his eye. He beard the news without charging expression. The other sten watehed him accounty

"We can die but once. Resistance, in our weakened state, will be but a grand geatere. Experies may conquer the country but she will never enalase our patriots. They and their families may die, but they will never surrender. When the time comes, we will fight. When that is over, the survivors will retire to our morntain forts. There we will like with the goats and chamois. I am sorry that it all has to end thus, but we have done our best. One more invention like our ultra-light rays would have saved usbut our scientists have done their best, and as we have failed, so have they. Colonel Von Dort, we trust your honesty and welcome you to our ranks.

The meeting was just breaking up, each participant ready to carry the sad news to his friends, when the guard at the door announced the presence of Mr.

Billings, one of Monrovia's staff of scientific investi-"Poor Billings," said the Kine, "a harmless fellow years without pay except for his bare expenses, and

we could get him back to America before war begins. story. I want you to show his age the proper respect. Let there be no levity. His lovalty and faithful endeavor demand our greatest courtesy."

Billings came in and was seated by the King. He His high-pitched voice cracked like static under his ex-

"Your Majesty and Gentlemen," he said. "After finally discovered a method of defending ourselves

"Fine?" said the King. "Now tell us all about it." "I propose that we make an army of Yeast Men." "That is a fire idea, Mr. Billings," said the King soothingly, "I am sure that your discovery has

merit. Now I want you to go over to America and "But you do not understand," pleaded the old man.

amone can run it. All we need is an abundance of

"They just grow and walk around a little and then

"If they do that they will be twoical soldiers," in-"But in dvine they will win the victory!" eacerly

The King gently took the old man by the shoulder

66 M V dear Billings. The thing you describe is just a soldier. For bundreds of years the sand have done just that, and to what avail? Your a long rest. Yeast Men and real men may die and rot

"But earnot you see it?" pleaded the inventor. "Oh! Please try to see it. Yeast Men by the millions and billions walking into Eupenia and rotting there. Cannot you see how it is going to work?"

"I bug your panden," asked General Androyita. "but did you say billions?" "I did. A few drops of yeast grows to be a soldier

six feet tall. Give me as many machines as those you made to generate the anti-aircraft rays and I will produce Yeast Men by the million. I will make a "And they live pust so long and then die?" asked

"Yes, they live about three days. During that time

they are able to move about twenty-five miles. Then "A fairy tale," said the Premier, who, up to this

"But I can prove it. I have made one. If you see just one of them, will you believe it? Let me show you just one?"

The King held up his hand for silence "Gentlemen, let me talk to Billings. Please do not interrupt. He is nervous-and so am I. We must forgive myself if he really found something of value

Billings, let us presend that we are alone. Pay no attention to these other men. Listen to my questions, that I am not a scientist and do not understand him a soldier?" "How big does he grow?"

"Do they look like real men?" "Just a little. You see they are made of dough." "Do they walk as we do?"

"No. It is sort of a creeping shuffle-amorba "If they are not destroyed, how long will they

"About three days." "What happens then?" "They cause to grow or move. They die and de-

Suppose one of them is shot or has his head out off with a saler, or is toru into pieces by a carmon ball, what then?" "Each piece would keep on living and growing and moving till the end of the third day."

"You said they would move at eight miles an "Yes, if nothing second them. They would be in Eupenia at the end of forty-right hours, and by the

"It worked out in the laboratory."

"It is a peruffer form of yeast. In the machine we compress it. Just as soon as it is liberated, it begins to extract marrogen from the air, and expands rapid division of the yeast cells "

"I do not understand it," said the King, "but I am willing to take your word for it. What makes then "Radiust energy. Before the yeast is put into the guns, it is thoroughly energized with a form of "But these peculiar cressures eannot fight; they

"By their rotting, Your Majesty. I have tried to make that plain to you. Thry do and rot.

"Exactly. They dissolve into pools of slime. They

"How would such decaying masses stoo an invoding army?" It is their stench that will stop them. The yeast is mixed with culture of Bacillus Betericus and

other focted germs. These grow in the dying and "That may be true, but your idea that it will stop an army is all nonsense. No soldier was checked just

"But this will stop them. I have a little hottle here. It has one drop of the end slime diluted a thousand times. Have one of your officers smell it."

"Certainly," answered the Chief of Artillery. "I have been in three wars and have smelled everything herible known to any form of eampaign. It will never hurt me."

The inventor held the opened bottle under the millitary man's nose. Roughly, the soldier took two deen amella. Then Billings corked the bottle, while the volunteer slumped from the chair down to the floor and loy there, white, sweating and vomiting. The others hastened to belo him loosen his collar,

each dead Yeast Man produces thirty pounds of the "Not men, but plants," was Billing's reply, "Look

withered and died. A carious foetid smell filled the window. So did the rest seek doors and open wen-

As soon as they got outside the room, in the pure air, the King turned to the inventor:
"Show me just one man like those you describe,

Mr. Billings-just one men, and the resources of the kingdom are at your command." I have made them. I have one now that is nearly three days old. My assistants have been leading him around an old descrited race track. You see, they go in a straight line unless they are led, and the only

lead him around in a track." "We will so and see him," said the King, "and we will take with us the Professor of Mathematics from grown with grass and a quarter mile in circumference. Slowly walking around this truck was an

MAGINE a six-foot man of dough, with a crust hard enough to hold it erect, yet viscid enough to allow it to move forward. A creature with a head but no face, with spade-like hands without finzers. body like a skirt, which rested firmly on the ground of this base and the mass of fermenting yeast above it that in some way enabled it to move slowly over the ground. It was such a creature, with a broad convas band around its waist, that the Morovians sow ward easterly and conferred with his men. Then he returned to the group of officers surrounding the

"They report that it had cope around the truck was full grown. It is now nearly three days old, and if our calculations are correct, it will soon the

Just in front of the tumbled-down grandstand it storeter. It swayed and finally out of balance, started to fall forward, bending at the waist. An unpleasant odor filled the air. Suddenly it bent double, and The odor grew increasingly frightful, so that it drove the otherwers further and yet further away.

The King turned to the professor of mathematics.
"Professor," he said, "estimate the size of that puddie. Multiply it by five billion. Estimate the terri-tory filled with that odor. Surnose with masses five

billion such masses, were scattered equily over Eupenia. What would be the result?" velope. He used the stub of a short pencil which he

die at different pinces, the whole of Eupenia would be covered about six inches deen. The King turned to his staff:
"I am satisfied, gentlemen. We will have hun-

dreds of these machines made, and when we are ready to begin operations, Mr. Billings con make five thousand Yeast Men to start with. Our citizens can lend them for three days, and just as they are about to cie. we will turn them loose on all the highways and open spaces leading to Eupenia. At the same time, we will start making them by the million Our attack will come before the enemy's ready. If it works, we will obtain a bloodless victory. The only way we can make a success of it is to spring it on there as a total surprise. Cut all the wires leading to Eupenia. Confiscate at once all the radio acts. Bemore careful than ever in watching the suspected stics. It would not be a had idea to imprison them till this is over. Put a triple guard on the border. associates. At the same time do not omit a single item leading to the preparedness of our little army. I understood Von Dort to say that we would be attacked on the first of October. We will attack be-

any of you a suggestion?" "Yes," said the Chief of Artillery, still pale and sweating from his recent names. "Why not let me follow the Yeast Men up and blow them to pieces follow the Yeast Men up and blow them to pieces where you can be seen to be streeth post out of each Yeast Man 2" "I think," replied the King, "thut the Experiment will be only too articoast in do that work for us. Apain I repeat, gentlement, that we many observe the preasest secretory. Keen the anti-alternal machines in greatest secretory. Keen the anti-alternal machines in

Apain I repeat, gratienent, that we ususe observe the greatest secreey. Keep the unit-alternal machines in constant operation, especially on cloudy days. May God save out Country and blass our good freed, Mr. Billings. Now. Comidenen, to work, day and might, without rest, to make this machinery, gusher an abundance of material and train men to use the machines.

N.FAR every read enteracting the two name. We take the present were the present which length causes consuming a section were the present which the present was a consumer to the present and every the present on manner of the reads arrange. Belief of these causes according to the present and the present and the present the present

In the maximi profiles holding machine guawer being haiden in internals of our mile, each morned by a group of trained Monusins soldiers. These great were simple in construction, and assumed from within years was feel to a small last gooserful process of the control of the control of the control within years was feel to a small last gooserful processes of the control of the control of the high. These were dropped just the harrel of the gast tool work before our time that are reserved handred feet away from the gast. Elst thinke down they gast tool work before the control of the

Dach post first twee Years Mere a recent. The meantre or lundered and tweeter a minute; owen thou word, two bundred as how, or 722,800 in the comes word, two bundred as how, or 722,800 in the comes green rande, but only about the planted sere is settled use at any one time; the others acting as redeserment. Continging the total tent sets few horcessaries, and the sets of the continging the classes of the continging the set of the sets few horthey even first about twe days. This coulde a total of 129,000 for each more a green sould of eight burted during the companies. Such Years Man, dead to red during the companies. Such Years Man, dead

in a one-to-a-thousand dilution, was sufficiently strong to produce disabling womiting.

These guns began operations twenty-four hours

before the five thousand full-persons Years, Merwere Blemstell. They then moved abody favoral, and behind them came successive waves of smaller and yet smaller men of daught. At the end of the first towary-four hours, the olders of the Yeast Meswho had been about from the territorial gain, were successful to the state of the person of the contraction of the black. The woods and fields of Engineering on Mornish were dented with the persons creatures.

possible consistency by Rr. Billings that he would be able to manader by the billions never be able to manaders them by the billions never unstreaded. The mediance worked more blody than he had anteniquent. It was also seen that a large manufer where the property is trees and various and large manader where the same highways and teey justice to do everything that was required of them. Also the work was feelingted later to the carriagon and the same highways and teey justice to do everything that was required of them. Also the work was feelingted later to the carriagon that the same highway and teey passage to the same and curies with the little fellows. This however, was not attempted till it was good to the same and curies with the little fellows.

D URING the entire campaign not a single Motorian distribution of the process of the contange in the case of the case of the case of the from back of short. The raining workers not only years so the result of the year affected for event years so the result of the year affected for event inymericans emanations from the world element. These, however, were but slight before so due to compared with what might have happened had the Buseeling armed, frond the Moroushing in their previous needing armed, frond the Moroushing in their previous

Section of the control of the contro

Fremier Plants as concerned, but to be descrived.
A brand ladderey successful the capital circle of
A brand ladderey successful the capital circle of
Dor in his distancia flight for saftey. It was here
as the bender that has can be compared by
the control of the compared of the compared
him was a congrany of introl provises and noncommunitated officers. On the excellent plants of
the compared of the compared of the compared
daily report and which give constituting to bapper is
referred the deadly ministry of daily rotates. Just
as her had fladded that report and was signing in a

is loaking naied non-never at the houselow pair verying as error the country. Suspecting a true, the Literaceast at once called his entire force to areas and presently twentigated the native. When he among a dealed, we have the contract of the country and the country of the country of the country of more and the country of the country of the work of the country of the country of the country without fingers. Cantistury, he is undeal one are without fingers. Cantistury, he is undeal one and particle by the among the country of the country of particle particle of the country of the country of particle particle of the country of the country of particle particle of the country of the country of particle particle of the country of the country of particle particle of the country of the particle particle of the country of the c

one of the sold things several thous through the brust session. The thing key or with its estional and "there was no blood. The thing key or with its estional half—"Attention, may," be commanded. "Open the gates and we will take them all princeres. Gold shows what they are, but they consent hours as any, we are the series that was any, we are the series of the ser

down the readtion of the rea

Literature discretises the arroses as long as he could be. Ever which Ever when withing on the folia deadly success and vontiling, in tried to rell what had long-success and vontiling, in tried to rell what had long-success and the arrows are to relate to trades that his contrict correspond to frince-frinkle fifth to recent him. He was to sick to realize that his contrict correspond to the product of indexerable fifth to recent so that the contrict contribution of the product of th

the road was impossible on necount of the puof asine which dotted it. Cursing and work the Lauescent suggered through the dark wsecking pure air and freedom from the steach, weven in measury produced a recurrence of the trading massics.

Meantine those of the novel creatures who still offer the control of the control of the control of the every few minutes boising one of their summer by death and decay. In the dark incurs of the night they died unnece and unmourted, but each of them left behind a horrible evidence that they had once lived. Over the pools of aftime others of their kind walked, some three feet birth, others a foot high and here and there could be seen reidents only a few inches high but resembling their larger brothers in every detail. When the con rose, there also crose from every road between the two kingdoms, the smell of death a million times marnifed. It was as rhough Moronia were surrounded by a circle of decay three miles deen. Meantime the smaller, vounter Yeast Men were adverting into Euronia. through the woods and meadows, turnbling into ravines, earching fast in trees and bushes, falling into streams and being sweet away in the current. little opes, new born, were floating down through the air like goose down, and on and on the machines along the border of Moronia keet un their gratte themp-themp-therm and with each themp was ere fearless, bloodless, filled with the urpe to keep on moving till dissolution earns. And they all moved downhill, from the mountainess Morosis, into the energies' more keel country. They were perfect

consider more level country. They were perfect AS the Expense country in the expensioned the same ravel by Lecenseau Rosse is not one of the warter than the country of the country of the same ravel by Lecenseau Rosse is not one of the warter than the country of the country of the same ravel of the country of the country of they really had seen such marrier motivations. They was the country of the country of the country for the country of the count

binned. See then Enguein wight have away bered.
Even it is a youthern as to just how effections upto a line youthern as to just how effections upcarrying of shrapest, or any building of lences or
digging of districts, would have preved. What readly
happened was no doubt invitable, yet the fact remains, and it is to the stretch amperince, that verraymains, and it is of the stretch amperince, that verray
building and the stretch amperince and lengthy regors were manned. Otherwise modeling was dense.
These reports, especially from the border regions,
what could be placed on them.

FINALLY Permier Plant decided to remeasily browspite the distraction. He took with him the Chein-Smill and a group of scientists from the University. They found the new creatures by the heatherful of theorements and of all sines. They also, not end-silens. An effort to observe these circleily with the aid of past modes was uncless. Even when some of the foods sinetist was unphered at the end of a long pole, it could not be brought close enough the three pole, it could not be brought close enough them they are consistent with the country of the country of

moving oddities with the pools of decay. It must

be remembered that after the first hour of the offensive no more Yeast Men had shed, and the reports of the rapid dissolution of the first wave were entirely discredited.

For the first time in his life, Premier Planta was at a loss to know what to do. To him the entire

treety discreming.

For the first time in his life, Premier Plan at a loss to know what so do. To him the situation was inconsprehensible. At one side automobile a five foot abortion was slowly in featureless fare asking only one question was I made? In the Premier's hand was a coyulal and on the glass was a new creation,

crystal and on the guas was a new creation, every a quarter of an inch high, in every recept the exact duplicate of its brother standing by the sole of the car.

"What does this mean, Professor Owcos" the puzzled. Permiser asked the Chemistry teacher. "What kind of things are these." They cannot fight.

They have no weapons, no brains, no blood. All they know is how to grow and move forward. Evidently they come from Morenia, but for what reason. In it a declaration of war?

The old Professor answered to the best of his ability and what he said was surprisingly near the

The transport of the state of t

of whole wheat bread."

Here the Chief-of-Seaff interrupted.
"Of course we could consider it as a de-

of use and attack, but when would be the influence units from the Paris and Energe person. They would make us a languing mote of the subverse units from the Paris and Energe person. They would make us a languing mote of the subverse was to be the person of the person

very tribuley was mare right? answered the Premier.

I believe you are right? answered the Premier and the state of the st

The next edition of The Staatsbote, the len afternoon paper in Euperia, ran the following a item on the front page. HAVE YOU A LITTLE YEAST MAN IN YOUR HOME? IF NOT, WHY NOT?

All citizens are arged to at once provide their homes with one or more Yeast Mar. These possible creatures are very hazardess and the Department of Chemisal Research of Department of Chemisal Research of bread. They come in all time will of bread. They come in all time will little, your shiften our play with them as dellit; when full sized, they are reduce the

All clistees having automobiles are commanded to to into the country regions and bring to their bomes as many of these Yeast Men as they can accommodate. Bring extra

ones for your poorer neighbor.

Army trucks will make regular trips to bring these Yeast Men to the Capitol. After they are paraded through the streets they will be distributed to all families not yet.

they are paraded through the streets they will be distributed to all families not yet provided.

This item was religished on the afternoon of the

second day. All this afternoon and evening this sunds of Yealt Men were heavily into the towns audit of Yealt Men were heavily into the towns army trucks. The Premier, quick to act for his construct for floor and directing that the army be personal adjustage issued an order cancelling all constructs for floor and directing that the army be floor and the personal trucks of the personal adjustcent floor and directing that the army be fash company in the zeroy was directed to forage for its own stupply and to keep them in their tens at they were needed for hadron breast.

The next necessary which was the legislation of the Your Man was existed in practice and the Your Man was existed in practice and the servers of the Disposition cipilal, each next lead to the servers of the Disposition and Indiabate in Part of the Control of th

This lifted day was a fire day for all Esperia.

This lifted day was a fire day for all Esperia.

Below to bring the Yord 100 into the city. By somethey were buginning to arrive of their own second, by the humblesh of thousands by atternoon the layer of the sound to the layer of the sound to the layer of the layer o

THEN, just towards evening, the Yeast Men numbers. And twilight advanced to add darkness to the horror. Then they died by thousands and there the pools of end-slime dotted the woods and the meadows; but in the cities, especially in the Capital, the immediate result was a panic. In but and palace, home and barracks, life was no longer of nausea-producing slims. The houses were filled with it. The streets were filled with it. The only living things that were unaffected were the Yeast Men waiting for their turn to the. With sightless faces they shuffled along the streets nessing macon-

The people fled. Sick and sweating, pole-faced for thinking to feed them on such patrid offal. Nothmr could hold them, or restore discipline. And around Moronia was a widening, desolate, deserted ring in which there was no living thing.

The people fled to the border. The neighboring pensa, thought of their own safety. In this strange

vomiting, in the tales of delirium told by the first and deadly contagious disease and at once threw a Espenia deserted her Capital without shedding a

Premier Plantz, as soon as he had sufficiently recovered from his own personal veniting, to conwar. Were they to be conquered by smells or inert lumps of yeast? Let the artillery blow them to fumps of yeast? Let the artmery new uses pieces. Let the cavalry cut them to pieces. infantry could build fires and burn them. A faithfollow out his orders but no soldier, however brave, officer, however espatis, can give orders while con-stantly vornicing. The army, from the General-in-Chief down to the privates, were continuely sick with the sickness of Joseph's Whale. The whole resistance was hopeless. The Yeast Men arrived day after day in increasing numbers and thry could not be killed. They could be muti-

Efforts at their destruction only added to the What use cutting a thing to pieces when each piece kept on living and advancing? How could

On the sixth day, the army revolted, killed Premier Phutz and declared the Kingdom a Republic Immediately they sued for peace by radio. Moronia suspected a trap and refused to grant an

peace was declared. Afterwards the world blamed Moronia for not granting an immediate armistice, but it is only fair Eusenians did. She was anxious enough for peace, But Experia not only wanted peace, she wanted help to rid her of the millions of tons of terrible end-slime. Mr. Billings was called in for advice.

The small only hoes for ten days," he said, and then dies out and the slime simply becomes a highly concentrated manure, more neh than any commercial fortifizer that we have yet discovered. The Later on, at the close of the Peace Festival, Mr.

dolph Hubelaire, put his one arm around the inventor and kissed him on both cheeks. Then be "I want to case your salary," said the King.
"The only rays I am asterested in," replied the inventor, who had not been paying much attention

"You can have all the money you want?" was the King's caper apower, "But tell me one thing, What made those Yeast Men grow and move the way they did yo "It was like this, Your Majesty. They were just

energy, a very special form of energy. I could tell you all about it, but I am afraid that it would be hard for you to follow my technical explanation" "I know I couldn't," laughed the King. "L wish you could put that kind of energy into my people. We could win the commerce of the world. But I suppose you can do things with yeast that you cannot do with human beings. Now let us go to the And Mr. Billings of the United States of America

The WAY OF A DINOSAUR

byHarley S.Aldinger



firth, and, leading upon the meastelesses both, harled his great leagule the think colls of deas of the hore of the neck . . .

aside, as you or I stight lightly work
aside a widow bank, and the terrifying
bad of Cayan, the tyranocuman, King
of the Jungle, was threat threatly.
His find, red-rimmed, code, registrate years were
blooming with hairs and meaner, for Cayes was in
author of his blood-manapages that day, and woe
beside the uttobil yairthink where he encountered, no
beside the state of the contraction of the
was a klood but of a forecome and weatonness, or
which only Cayan could.

MIGHTY tree in that great primewa

which only Caylla cours
attain.

As the battle searred
old warrior stepped out
from behind the tree, he
presented a fraghtful and
narnoting sight. He towcred fully forty feet play,
with great paws four feet
in length set in his massive bend, with fungs six
or aware the control of the control

or seven unches long, and
upported by the mighty hind limbs, which could
end lime forward with great leaps and bounds, et
and lime forward with great leaps and bounds, it
has been been a seven and the seven and
the seven with fairly forty feer long, appared on the
life regime of destruction. The tyremoscaures, in
lact, is known as the most destructive living thing
hat ever existed. Cogna's comparatively small fore-

He stredd through the grant trees with his boly best forward at an angle of short forty-five degree with small eyes searching malesolemly for some opportunit, against whom to git his unight these similar open, and from came to kine he untited thractering or according to the control to the control through the control through

Becoming more cunning, but to less facte or reletties in his bloodreletties in his bloodbutt, Cayne ceased his
to before two had to
manually of the Memorie
to Memory the Memory
to the Cayne ceased his
manual of the Memory
to the Cayne ceased his
and crept steal this
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to th

one a hundred seet away on the peer and though a peer and though ago, and the peer and though ago, and the peer and though ago, and the peer and though ago and the peer and t

down and some a small manual about the size of a sheep, and drawing the struggling snimal into the six, plunge its mighty beak into the base of the neck With a shell re-

pteroductyl's wing-fingers.

Burdesed by the heavy load, the reptile flew reared over the tree tops, mighty paws yawted cav-

Having finished his repast, Cayna set forth again

Out into a small dearing stepped an animal which ground. It stood sixteen feet high at the thighs, the base of the head, over the back, and halfway down its tail, was a succession of bony plates in double columns, and varying in height from a couple feror Enormous at the base. (fully ten feet in

This, then, was the monster upon which the fleshpresence of other, and more easily conquered game, "Plated Larard" was regarded by the other dinosaura thus by with which he might do famle

So, with a mighty roar, he charged the amnored es armor. She a mud-turtle, and the blost only

Thus they jockeyed around for some moments. the tyrannosaurus always bring careful to keep an the other's head end, out of reach of the descroving strike a bone-crushing blow with his solded

But the old king had not survived many flerce battles by sheer luck. He reported to strategy right side, and one eye, of the "plated dinosaur's"

Screaming in amazement, the error storosures Then, supporting himself with his tall, he swiftly disembowded the other with his immerns hind low. The great tail of the stegosaurus habed convulsively

AVING satisfied his hunger, but not his blood H AVING satisfied his nanger, our not his second last, Cayna went forth again, until he arrived at a rather small plain. Nearby, alongside a great boulder, was a huge bull triceratops, smorting and pawing the earth savagely. He was evidently an distance, stretching as far as eye could reach, count-

The tricerators was about sleven feet tall at the thigh, where file the stegosaures, he was the tallsameus. He was, also like the steposaurus, covered with hard bony plates or knobs, which served him neck, which gave him the appearance of a Roman gladiator. He had, characteristic of a dinosaur, one over each eye, four or five feet in length. And

insecure hold, up against the great boulder. Then, whirting rapidly, it sank its shorter most-from its

The old monarch, in demeration, seized the other

gore and slit the tyrannosaurus' flesh to ribbons, arrable to infact a fatal wound. But in spite of his the ground. Then, screaming in triumph, he sank his erest fames into the now unmotorted neck

But the old king had not escaped unscribed, and he was bleeding from a score of wounds, so, no sooner was his adversary dead, then he burried away to a little pool he knew of, to lick and bathe

were none so huge as the brontowners, excepting

the diplodocus, a creature greatly resembling him. A great monster, about seventy-five feet long standing sixteen feat at the thigh (where, a char acteristic of a disosaur, it stood the talkst), and weighing nearly forty tons. It had no system of offerse or defense, except the great tail, eight feet in dismeter at the base, and trailing our belond for

The monster, at the first attack, had Icaped, bravy hide, with its small, froil teeth, and lashed at unable to reach the other with the beavier part of

In desperation, the monster finally charged out

Charging out swiftly, he reached deep water, and was never accomplished, for at that moment. Cayno's rolled over on its back, dead

Whiteless freuzitelly about, the great saurism bit the ichthressures' head entirely off, in his rare, but fish-lizards swept up, and the tyrannosaurus dis-

What Do You Know?

R EADERS of AMAZING Stretch have frequently commented upon the fact that there is more aroual lauval-dogs to be grand through reading its page, thus from surp a textbook. Moreover, most of the storms or, written in a popular rest, saiding it provides to care or to grays proportial folds. The conditions which we give below 100 all assistered on the same as listed at the end of the questions. The quadrant which we give network an an amswered on the pages as tarte at our convention. Please see if you can answer the questions without foolking for the answer, and see how well you check up on your guarral knowledge.

- How may mus's size be stated with reference to movely and surrans of pro-historic ages? (See may 49.)
- What is the family same of the stag beetles? (See more \$1.)
- Can you give the fisher of feer great prologic ages? (See age 63.5)
- 7. What is the name of one of the methods autron-
- When Mars is in opposition to the Earth, what is
- Can you give some nomes which astronomers have given to prographical features of Mars's (See page 78.) The late autrescent Lowell gave great study to Mars. Do you have what his views were about the water supply of the planet? (See page 79.)

- What is the name of this author's book on the canals of Mary? (See mare 22.) 13. What is the period of the two little moons of
- 14. What is the dameter of the stone? (See page
- 25 How much would a D9-pound man weigh upon the moon? (See page 43.)
- M. How many canals have been entalogued on the place; Marc? (See page 42.)
- 17. What is the loggest of the caralt? (See page
- 58 What are the "panel" of Marc? (See page 42.) 19. What are the laterentee details about the same
- 23. What did the Challenger expirition teach the
- 21. What do you know about the erest French a
- 22. What ariesal of ecological times is supposed to
 - lave been the most destructive living thing that ever conted? (See page 25) 23. What is the origin of the name Prevelacty#!

BARON MÜNCHHAUSEN'S SCIENTIFIC ADVENTURES by Hugo Gernsback

5. Munchhausen Departs for the Planet Mars.



NCE upon a time, a grouchy young gentleman with a grievance for fitting writers, peobably because they received more emoluments for their stuff than he did for his poetry, thus vented his recuir as minorial some:

"Tis strange, but true, for truth is always strange -stranger than fiction."

From this, some coarse soul, totally oblivious of

From this, some course soul, totally oblivious of any poetic infection, took it upon himself to mutila the above passage of one of Lord Byran's poen

"Truth is stranger than fittlen!"
With all due regard to the memory and genius of
Byron, I, I. M. Aher, a citizen of a free country, take

ie upon inyvelf to correct his Lordship at this late and quarreloume date, to writ: "There is no fection." If, as it has often—no, always—been proved that

the most fantasus fittion at some time or other it variably comes true, then by all processes of moder logic, there can be no such thing as fittion. It simple does not exist. This brings us face to face with the

sourtling result that if fetten always comes trusome time or other, why then, bless their dear soul all fiction writers must be prophes! Harrah for

white it is more to be a prophet, don't longer that a prophet is never, never recognized. Thus, the New Teasument teachers, so I think it will be safer for all F. W's, rether than be F. W's than be F. W's, rether than be F. W's, rether than be F. W's, be F.

F. W.'s, rather than becorne boorders prophets.
However, that is not
what I had in mind when
I started—it's so hard for
me to say what I mean, and
a good deal harder for me to keep my thought
mug on the track. They ramible from each see

a good solar tearlier for me to keep my incogniti. I ming on the track. They ramphel from one auchiness with mancher. My mind, in that respect, it may be a few or the respect of the solar my whole religions of continuous and the solar my whole religions to the solar my solar memory of the people her, but when she finally turns around, she perceived the authority of the solar my man and to startle and returns to the or original stateting point.

and a am ramoung again, so sees return to the place we started from.

Seriously speaking, and by way of emphasizing how such stranger truth is than flexion. I have but to goint to Jines Vern's farmous stories. Fifty-eight years ago, when he wrete "Twesty Thomand Languas, Under the Sen," no one took hum seriously. It is dealtful whether he himself between that the submarine, which he invented in that zory would ever become practical. It was just fixtion. Yet forty-day general later, as utharanies, almost exactly

torry-size years later, a softenine, names occurliate the one his wirk and perpotent mind concerning emerges from a German harbor, and the contening of the content of the content of the contening of the content of the content of the conlection of the content of the content of the conmutation of the content of the constant of the content of the

modern submarine necessity, the infernal automabiletorpedo was missire. Truth is indeed very usuch strauger than factor. Bot I mastri't ramble.

Munchlausien, as will be remembered, had explained the mysteries of the meon to me, and he had also memissed the great danger of fulling meteorites which had been increasing alarmingly in number for

on haspys comes tree and a metascased the great disigned will failing melectronic special listerals for some time. The most a stansmart attempher of the most a first and the production from some time of an even constraint of a stansmart and the stansmart of the

if ificition between the meteer and the air ignites the ferrore, and most of it falls as a fine dost. The huming of the meteers represents the shooting stars we see. On the meen, however, the meteers crash down hoothy, esting tremendous havee, and this terrille hoothardness over

Convergently, when Bareat Murahltanean stopped short that evening in the midst of a sentence, I marrially was alammed not a filled. Great was my poy, therefore, when, asting before my radio set the next evening, planue chapped from the product of the chock, the familiar high, whening spark solderly reverberated in my ears at the secolo of 11 southern than the chock of the chock and the chock are considered from the chock and the chock are considered from the chock of the familiar value of the chock of the c

It was Magehbansen. But his usual somorous voice to-might had an unfamiliar metallic timbre that puzzled me greatly; in a short time, however, the mysery was cleared:



"My dear Aller. No death you thought I had been failed by a motour last rught. With, as you sector created down on my areas 30 feet from where I was tuting; of course it west up in surfacementally vapor, so be current—due to the tremerdous bean generated by the inspect of the nuesteer course bean generated by the inspect of the nuesteer course bean generated by the inspect of the nuesteer course bean generated by the inspect of the nuesteer course for great of the proper and I was blown bendleng a distance of reel vapor and I was blown bendleng a distance of core; 50 feet, right down into the ascents of a guara

entirely, by the residing blast of the concusion, the dept. I was some to learn? I went down hard faviant lope on the learn of the control of the conconcious at a fright sit cold. Cell it institute or grecord of the control of

seconds, after a few sitempin, I isoscopied in Hilling in the day of the control field by our file carrier, it is a second me the ampoind of pluraging into a profit-in a second me the ampoind of pluraging into a profit-in a second me the ampoind of pluraging into a profit-in a second me the control field in the control field of the control field in the control field in the control field of the control field in the control fie

tellibrity from the rules also of the sense. These will reliable through me and I almost sense, the savid reliable through reliable through me and I almost sense, and I almost sense that the sense of the savid reliable through the whole distance reliable through the savid reliable to the savid reliable to the root. As there was scaling to to the trum of the room. As there was scaling to the trum of the room, and the reliable through the savid reliable to the room. As there was scaling to the room of the room

would carry me past the center and I would then be almost carried to the mouth of the epposite crafter my original starting point. "I say almost, to the fact the point, the air would tend to retard my fall. If at this point, where my speed was again zero, I could not succeed in taking hold of a projecting rook of the center's about the point of the point of the point of the center is a point of the point of feward existly file a bouncing ball, each time, howeven—its Illies or rabbe fall—as which is say than on the shorter charging, and facilly I would fall an owner, when the control of the cont

"He another efficie L had passed the errors and was now droppen sewer the other field of the moon, was now droppen sewer the other field of the moon, was now droppen sewer the copy and the consistently course, at the opposite side with my feet sewer the sky as a blind reference will be recently so as talling tape, with my head at the top, my feet points good. As the center at this side of the moon was specified to the control of the control of the specific the side of the control of the control specific the side of the control of the control of specific the control of the control of the specific the control of the control of the specific the control of the specific the control of the control of the specific the control of the specific the control of the control of the control of th

**YOU would of course, they have not consequently compared to the course of the course

been if my body had weighed 170 pounds, as it did on earth. For that reason, too, I was not attracted so much to the sides of the crater as I would have been otherwise. Also it was fortunate that the two enters widened out considerably the further down fact, the 'hole' of each cratter at no point was less than three miles in diameter. This was indeed very

deep enough. The explanation is that the earth 1.524 feet per second at the equator. Thus it is apparent that the earth revolves more quickly than the stone can fall in a few seconds." It therefore intercepts the stone's flight, with the result that the shaft. This phenomenon is termed 'the falling of

"Now, precisely the same condition exists on the my flight had come to an end as explained already. feet of the earth. For this reason there was no danger that my body would collide with the sides

"But in the meanwhile my troubles were far from breath than I became conscious of the terrible cold; moon, on that side which was turned away from the sun, where only icy cold, durkness and desolution reign. Aside from this, I was some 2,160 miles of the question; neither could I stay where I was without freezing to death. So I climbed up to the by the aid of the starlight, I ran rapidly around to the western side of the crater, for I had to run in order to keep warm. After having obtained my bearings by the aid of the stellar constellations, to erater, I took a drep breath, looked down in the abyss through which the sun was shining from the

other side, and dived head down into space open "Von see, I had reasoned that it was far better the moon. Besides, I had experience now and, havexpect success again. I had nothing whatever to

"My first experience was repeated without any * The speed of a fulling body at the rapiace of the earth at the eastern wall of the far crater within 48 mm uses, if everythere can smoothly. But I had left our good old sun out of my exculations. You see the gravitational attraction of the sun controlled the the retation of the moon, of the earth and of other planets. I mentioned how, in my former flight, I higher than the surface of the stoon. But now I

"For this reason, at the end of 48 minutes, I did not strike the eastern end of the crater. Instead, I feet, before my speed was spent. I promptly prepared asself to olunge down into the crater again.

once more, when the unexpected happened "I suddenly felt a rope encircling my body, and

46 THIS is what had happened: Flitternix had, of course, seen me fall into the crater, and as through the entire mass of the moon, for he could was leath to believe that the fall would kill me and as a scientist of note, he calculated exactly, in adthe round trip, as he knew that I could not possibly stay at the other side of the moon. He reasoned swinging through the erater in due time. Umerturbed as he as ky such mere details, he went to the he returned to the crater, armed with a telescope me down in the abysa by means of his glass, for I was rapidly coming to the surface then. Attaching one end of the rope to a near-by rock, he fashioned

a aliding noose on the other side and waited. "Now it must be said to the credit of Flitternia a ranch, and there had become an expert in the I believe to be somewhat exaggerated. Be that as it may. When I finally emerged to the surface, a

Flitterms had little trouble in lassoing me as I came "I thanked him and asked him if lunch was ready, then and there to que the stoon, for Pitternix, as

well as myself, were of the opinion that there was little further to be explored on this dead world. Besides, the meteors had become so alarmingly fre-

quest that it would be only a matter of time when one or both of us would be killed.

"Pileseraix wanted to return to earth at once, for he it thed to give a lecture before the American Arternormual Society, whose honorary prevident he wasl, however, had more ambitume plasts. I code had looked through the great telescope of the Lowell Observatory at Plaplatfi, Arterois. If I fire to be a thromand years old, I will never trought the phrisons

sign when bein peterates that it also yets, as treasure. I have good patches of an other red scaltered were the surface of the spiere and I had some the peter of the surface of the spiere and I had some the peter of the surface of the spiere and I had some the peter of the surface of the spiere and I had some the peter of the surface of the surface of the them competing with the white caps at each netropic peter of the surface of the surface of the invalidation, for they are as into the surface of the invalidation, the surface of the su

queder n wil cold oil. All planes and tater most cold cold cold of the rain and tale of the cold of the rain and the larger on on a not cold yet. Thus the earth, which measures 7,912 miles in Garacter, is tall redden it is unsert on a layered to be a cold we obtained. The most which it has 2,616 at a cold we obtained, if he most which it has 2,616 at a cold we obtain a cold of the rain forced down into its baseds, there to I recease which for there was no best to know there to I recease which for there was no best to know the water think, it is transplare, which was formarily and state of the water think, it is transplare, which was formarily and state of the cold of the cold of the results of the cold of the results of the remove relia on through space, at

described. Make, measuring A.20 felis is through the control of th

De la COVILLA come de montion en belle la come de la co

matter, for leve we have rever and laise for show matter, for level and the level and the level and the Mass. The only remaining water them by found amount the police by these messages, therefore, for the level and the level and the level and the level matter of the level and the level and the level matter of the level and the level and the level into violation or sea see part of the examil beneging limit violation or sea see part of the examil beneging the water down through and policy limit of the level last discovered about 6,500 cases, but there are contained to the level and the level and the level last discovered about 6,500 cases, but there are the discovered about 6,500 cases, but there are the discovered about 6,500 cases, but there are the discovered about 6,500 cases and the level and the state of the level and the level and the level and the state of the level and the level and the level and the regard variation trents. The for the the level cases are are not occurred as had to the thought it are start are not occurred.

*On earth, however, this is a comparatively simple

"Now, the lines which, we see running over the planet are really not the causal stomately-en, but are simply wide strips of vegetation sterilized and lege alive by the swipe of vegetation sterilized and lege alive by the swipe of vegetation sterilized and lege alive by the swipe of the swip

"The circular black areas, mentioned above, which we see almost invarietly at the juncture of one or more contals, are termed coases." They also represent was tracts of vegetation and probably contain large cities, farms and so forth. "Viewing Mars and his curals through a first class electope, must convince the strongest opposite of for, Lowell's theory, that these wooderfully strugths miss cannot, by any possible chance, be the work of Nature. The consistency is found nowhere on carth, for in the heavens. And if, for argument's sale, we

has cannot, by only goodled chance, be the work of Mature. The connections is decade nowhere on each nor in the horvers. And if, for against such as considerable that the for instant ongs, it is in escentially change fasts to be of instant ongs, it is in escentially change fasts to be of instant ongs, it is in escentially change for the construction of the control by the control

has so far withstood the orolasights of marry all opposersis. As a matter of fact, his explication is today accepted obsest interviewally.

"Buy how do the Martinasa move the tremendous russes of water through their carella? Mars is entirely level, and water does not flow on a level sur-

ince without a seal. Selectory, during one season it must acade flow from the north towards the equator, when the northern polar slow cap melts under the influence of this sun's heart. During the next season, however, this flow must be reversed, for now the seath polar slow cap melts with a resisting flow of the water from the signth to the neeth.

"But how do the Martiam speced in moving the water? We don't know, Even Professor Lowell could tell us nothing on this paint. Terrestrial science amply has as yet not advanced enough to

I decided to voyage to Pinnet Mara. My little asreasonneal lictuite was given solely for the purpose of refreeling your mind shout Mara in order that future reports which I shall make to you from the planet may be better understood by you and your friends.

"As linne as our Interstallie" was able to succeed

in reaching the moca without mishap, I felt sure that the trip to Mary would not be an unduly officials traderpaleng. Flatternax was of the same opinion. We excluded that the intervening 50 million miles egacure space flayer as thirty days, barring societies, while this may seem like a sheet time in which of cover such an immease distance, our speed of I, 60 500 million and only or 66,050 miles as hear, in only

"We immediately made our preparations and within six hours after I had enterged from the erater, the "Interstellar" had left the moon "And now for a limit susprise! No doubt you noted that any voice does not sorred the same as

mual. You will have observed, jurchermore, that I did not sop usiting since I started. To break the zews genth to you, I am not talking at all! Write you are battoring to my voice at this musther, I amount, 10,000 miles distant from the moon, heading towards Mass.

"The explanation? Sirrole as usual!

"The explanation? Simple as urnal? "Before loaning in our "Internations" we stretched an immune arral israde of the coapen, the one of which I speke to you several days ago. As you will remember, I told you then that it was open turn a few feet across its opening at the top. It that feemed a long, mrouse all at the log, the which which could destroy the arral. We stretched four which could destroy the arral. We stretched four the strands six feet agart. Each atraul is 6,000 feet long, which gives the required long wave bright in train many six and a feet of the strands of the train many well as feeting implies between Mars and the Moon, as well as between the Moon and the Earth. "To this serial! Connected my heret aweenon, my The this serial! Connected my heret aweenon, my Inter-Plosstavian Resistatematic. It is nothing but an ingenieus adoptation of audient tele-inclinates

Inter-Planeterian Realistematic. It is nothing but an ingraiseus relocitation of anothern tele-mechanics and works as follows:

66W HRN the aerial receives a certain number of another second another se

vaccum the detection in artistated, wheth it cam operate on the product of the pr

time desired. This also is accomplished in a sample pursuar.

"It took our 300-day clock and fintened upon it a contact which would be closed at exactly \$1 p. m. every right and would be opened again at \$12 oclock indignth. This contact closes a create it which is included the religraphone mechanism. As soon as it starts, the pixel wire with his recorded message be-

tronsgreets, which in turn are connected with a special slaphone receiver. Thus the talephone receiver will begin to talk its message (if one was sent during the day) every evening at 11 o'shock. "But connected to the telephone receiver are several amplifiers, arranged in cascode. The last

milita of my weekes telephone. This the weakent recorded talk on the telegraphone wire will cause the stelephone of the last ampairer to talk acto the wireless transmitter leader than myself. "Now my 300-day clock every night at 11 o'clock

also doses the contacts of a powerful relay, which is term operates the generating plant of my wireless telephone, discountering it at imsinght. Therefore, when the amplifier with its telephone begons to talk into the transmittee of the wireless eduplyane, there will always be enough power to transmit it to you

on Battle, on a see arrive on hars, we will, in all productions as we arrive on hars, we will, in all producting, and all the necessary miterals to see a glasst redu telephone plane, and it we succeed will need duly messages to the doce, and way reductionable relaying plant will transarist the messages it you every right I might had mentaling that my ultra-sensitive detector centrals nor producevities the production of the

fiers in cascade when an electric pocket houser is operated one hundred and fifty miles away from it, connected to the ground only and ming no arrial! "You might say: 'Why use the relaying pleas on the Moon at all? 'Why not transmit from Mars to from Mors, after having graveled from 50 to 60 better that the weak impulses should operate the

"We tested the plant thoroughly, and after we alcount with the 35th day from to night. No sees-

graphets of the telegraphene wine out the magnetic the transmitting marnets. Neither can you transor relay your messages to us while on Mars.
"I will move hel you added, my hoy. Think of us

"Hallo, there After, this is Professor Flitternes, as all the rooms were full. The robbers charged me There was a snapping noise and the rhythroic, low, sinding sound stopped abruptly. All was quet

Minchhamen Lands on Mara-

OR fortwore days I had been "batering in" nightly at my wireless set, since that eventful evening when Barco Murchbausen had left

55 millions triles to the Moon, there to be regis-

"how is old Mother Earth and yourself? Too bad But it can't be helped. You must be satisfied to listen to me, withour being able to talk back; but

trouble at the start with the switching of the Mar-

This bothered as considerably for several days and we made little headway during that period overhead, our speed meedly increased and on the disc. At the end of the thursy-fifth day, when our a bright stor in the firmment, somewhat brighter to what it had appeared when we saw it from the

either Flitternix or I had ever witnessed. Mary looked now almost as big to us as the Earth looked seen from such a small distance, is simply overwheleting in its solendor. We saw a full red discdazzlingly illuminated by the dietant Sun's rave around the edge-its atmosphere. The continents

"But the most wonderful sight to us was Mars' two little moons. Flitternix calls them toy moons "The planet Mars has two day moons, christmed Parkos and Demos by terestrain astronomers. They were discovered in 1879 by Professer Assah Hali, of the Washington Observatory, and they were to minned in over that only the most powerful robinsones. No miles in Gameter, while the smaller, Demos, is only 10 miles in diameter. The hance is such a riticulatory earlier world that a pedestrain could walk around its creation in a single day! An automobile, given a fair road, could cred the certain.

"HIGOS, in larger more, his character was present and recover seasond the force in the remarkably short two of button that the seasond the force in the remarkably short two of waters the greatest of their larger more going street the season of their larger more going street, and the season of th

same, it LNO miles showed from Mare Warraws and Mart. Bornes response 330 men in complete sound Mart. Bornes response 330 men in complete so far removed from Mars, and it is unde a liquid to the complete from the first mean the first mean the complete from the complete

After enering errord Mars at a begint of 10,000 miles for more transported to make a formal formal to make a miles for more many depth of the make a market formal formal

or entraction or any game trade material cannot be unfailed in good word of wording or centures. We had sensethed a good word or worderfully built city, bud seen certain of the appletorists long waterways and their attendance of the appletorists long waterways and their attendance of the control of their consists and had also observed portferows aircraft by the thousand and centure structures near the canals that looked like gigester pyramids.

"Had we still doubted that Mary was ristables,"

we were taught differently in a few minutes, for things began to happen rapidly.

"When we were still about two miles from the planet's surface, suddenly, as if by magic, everything

planet's service, saidenly, as if by megic, everything to a peculiar mind remarks and the last extra time a peculiar mind remarks came over our boddes and we were hardly able to move hard or foot. Stimuth amounts), the machinery of the 'Internatible' because urmanageable, and, looking through the lower portholes, we could see that we were nightly coming

closer to the planet's surface, at the same time moving in a totally different direction from the one to which we were heading originally "Vish some difficulty, we managed to look up

"Vida some editextly, we managed to 2004 up to towards the top port windows and we saw a marredous sight. Three dreads, reasons structures, which apart, were flooring in space. The three flyers markedan equiliberal triangle while as the coxet center, but about one made lower down thin the flyers, our 'fatterred'er' was floating. Three shalts of an interner yellow my were turned on or and it was this light.

intelligence. "We reasoned that these floating forts must be used for defensive parspones on Muss, and we agree among as that the best thing we could possibly diwall to subtent councilies entirely to the Martham will Infloat, we were so krifteen that we could not only the most of t

on so. Inserver, we canny assume developments, for we reasonad assincerively that we would not be harmed. Nor were we musaken in this view, "The yellow rays guided the *Internetivel* over a vast distance and at the end of an hour we were groutly deposited on a huge grasspot in a furnyland city. The instant that our flyer's broad landing belt souched the ground the view rays disapprented.

cone zoors. We were free to rows and to act.
"We's at no living in subability on seed door, and
"We's at no living in subability on seed door, and
us, Filternite, myself and Baster, our Amenda bet,
refr., times transled over each other. I doubt that
have been a subability of the subability of the subability of the
harmon being set foot on another phant, we should
have uspoored mort fightied a, to fastions, Carribarrons being set foot on another phant, we should
have uspoored mort fightied a, to fastions, Carriharmon being set foot on another phant, we should
have used to be a subability of the subability of the
harmon being set foot on another phant, we should
have been subability of the subability of the
harmon being set for the subability of the
fermid day insisted on reasting between our feet and
accorded in triping: Effermity as as he placed

"It is a good thing that the Martians have a keen sense of humor, for the crowd that had collected

oper, characteristic Marrian falsetto tone. I admit that we offered a sufficient cause for assurement the professor in his old Prince Albert and myself attered in my costume of 1797. However, we emekly managed to pull ourselves together and we binised

around us in unconceiled amagement.

"Although the Martino air is very much thinner than the Earth's atmosphere, we experienced but air of the Moon had taught us how to breathe in very core and we did not cough once, as was the case of our landing on the Moon. The Martin air selves of the idea at first that we were breathing the

"But the Martium thereoelves held us spellbound out later, the Martian can conceal his emetions far better than the proverbial Indian. While I was still starting compensatived at the nearest Martine. Flitters riv. who had recovered first from his surprise,

66 O NLY then did I remember our discourse of the previous day, when we were menulating

"We have seen on Earth that unional life is rose sible under the most adverse conditions. We find we find life at the bottom of the ocean. The latter years and, scientists of note denied that a fairly large creature, such as a fish could withstand the above it. Not only that, but they argued further the freezing point of fresh water. How, then, could sible. The fish usight just as well live in a frying pan. The arguments were strong indeed against the possibility of life at the bottom of the sea.

"But then the Chaffenger expedition came slong from the bottom of the ocean, a most astousding specimen of deep sea fish, built on a plan to with True, it was dead when he naturally burst inside. So our 'wise' scientists.

"I memon this only in passing, to show you that right to believe that the little planet Earth, among rate one on which life thrives. Arrhennius has

demonstrated already how life is promunical from one planet to another. This farrows advisorables has shown that minute life-currying spores so small that they carried he seen by the mixed eye, are carsenlight till they strike another heavenly body. If the conditions are switable, the spore will germinate in time and life will spring up—if it is not there already—on that world. It has been proved that perfect vacuum for years, without leader their permutation power-saceher proof how matter protern his under almost unhelievable condinous. a total lack of appreciation of the wisdom of Al-

registry Nature.

Now, it is also an indispensible fact that plants,

"Surroundings are everything, and given time they will transform man or annual into different benera.

us see what we will find. To begin, it has been probably thick enough to sustain human life, even so we know it. Professor Lowell has proved that Fahrenheir. In some sections, near the counter, for grees Fahrenheit. It was argued in former years that, on account of the far greater distance Mars is errored from the Sun than the Forth, the terroremture must be far below zero. Recent astronomical heat than does the Earth, for the following reasons: The Martian atmosphere is much thinner than the terrestrial, consequently the Sun's rays pierce in with far less loss than is the case on Earth. too, there are no clouds on Mars to cut off almost 50 per cent of the received Sen's rays, as is the

"Then again, the Martlan day is almost exactly as that of the Earth, the seasons are like the terrestral ones except that they are twice as fong,

because the Martian year is just twice as long as the "Now, we know that the planet Mars, due to its small size, has an older life history than the Earth Civilization on Mars must date back several bundred

thousand years. The law of evolution teaches us that we must therefore expect a very cultured, as "As our terrestrial evolution shows, the human head is growing larger and larger all the trees. It must have been to assess the conditions must have been to assess the conditions of the conditions faced upon the condition

mak brendte through their noses as a rule, "As to the Marriam lands, it is probable or still find from index result in preportion to the rots of find them index result in preportion to the rots of the their mean laber lands and the still and their deed of generators. It is almost cornso that as deleted a probable of their lands of their lands of the saturally, in the course of several thousand years above to should be lands must show, We may be also should be lands must show, We may be also should be lands must show, We may be also should be lands on the lands of the lands of all the lands are the Satural lands of the Sarian call laber of any next in performed by the Sarian

his arms are probably thin and muscleless.

"As to his feet, we shall, in all probability, find them to be very large. They must support a full and rather heavy loody, and they must, therefore, provide efficient near to excellent the Machine to well corne.





for there, which we have but indicate from the Launet Observabley at Programs, Actives alreing as the letter delevable where of the leaded. If we have not be used that the counts, he many cases possibility from the indicate the count of the count of the proof of property from the count of the proof of the proof of property and the counts of the counts of the proof of the counts of the proof of the counts of the counts

be about eight feet tall. As the sunlight is ver much stronger on account of the thin air on Mar the Martian, unless he is in the shade most of it time, probably has a dark skin, which may be a read in that of a Neeth American Indian or as dan as that of a West Indian.

so that of a West Indian.

"As the air is so thin on Mars and as oxygen is noted in large quantities for such high bodies as the distribution, we will not be suppried to find that the distribution, we will not be suppried to find that the distribution of the distrib

orly. Also, the feet must be large on account of Mary's small gravitational attraction, for if the Martian's feet were small, he could not secure the proper footbold to peopel his body; he would be hopping.

instead of wilking.

"Therefore, when we behold the first Martian, we will preclably find him totally different in looks from a human being, and while my reasoning as to his predadle appearance may be insecurate in spots, I am sure this on the whole I will be correct."

61S O cooke Filternice.
"He was right, marvelously right. His scientific prophecy, obscissed by logic, remission me of Leverier, the French astronomer, who, by cold recommending and mathematics, on August 31, 1946, pre-

TheMIRACLE OF THE LILY

by ClareWingerHarris

Author of "The Fate of the Poseidonia"



detect by crediter being, a colonial act, who here in his breings a flay light-actions about, which he handed in the heret-concess who book 2 and had if forward his cell closer leaguilles. In second to be a ligy up, but was so small, we could not exceed to be a ligy up, but was so small, we could not exceed a correct to the control of the control of

The Passing of a Kingdom

(INCE the comparatively recent resume of the nancert order of agriculture I, Nathrun, have been saked to set down the extendinary events of the pastwo thousand years, at the leginaring of the rine the supremacy of man, check of the mansher that the occure to an antitude year.

which time the supremary of music, their of the uninx. Il threakcost to come to an ordinary exist.

Which the come to the control of the come to an ordinary exist.

Which is recently had expert from the time of the six, which is recently had expert from the time of the six, only two great sizes below the time to the control of the con

own; medic, it is true, but no smaller than he had been it compared with the nighty explains more. These tree entering the control of the control of the Line in the control of the control of the control of the tig him personally testimate his density of the tig him personally testimate has decided by determined by the control of the control of the the dies of the twentieth customy, trange and deing property were tall before the virane governments of the world with an blas of dighting surfating is and, multiplying to replay and destroying tig is and, multiplying two replays and destroying to make vegentiles, the eventually no plants wand to the control of the control control of the control of the date to percent the excessionmen of the mean?

on the brink of terrestrial sovereignty.

Of course no great changes in development come suddenly. Slow evolution-

O UR readers will remember the author of this store

On the third price means in our \$500.00 price groups.

ary progress had brought us up to the point, where, with the application of outside pressure, we were ready to hardle a situation, that, a century before,

that, a century before, would have overwhelmed us.

I reproduce here in part

great American scentist, a talk which, sent by radio throughout the world, changed the destiny of mankind - but whether for good or for evil 1 will leave

"Street of the street of the s

fremths, that I have discovered the answer to the engine.

"I know that many of you, like my friend Professor Fair, will believe my ideas too extremt, but I am convinced that unless you are willing to put

stillinatis, you ensure hope to cope with the present stituation.

"Alterney, in the past few deendes, you have realised the store furthly of concubering your feveton, has which, for writes sentimental reasons, you conclused to heard, thut leavaning the degree of your life's efficiency by using for it time and setteration that the state of the state of the state of the state of the life of the term below good by the periodic state.

things up above, but I can save perior to have on or enhancish the rate of them questly, everything that of our essenses, the maceta." An observable of pour essenses, the maceta." A table pour as a An table pour, it seems that my worthy executor, Professor Fair, objected to the schusiar's words, sowering that efficiency at the expense of some of considers to happeness, the real goal of rain. The scientist, in his term, argued that buppiness was

the elementarial virtues was undestrable and not considered to happeness, the real goal of man. The scientist, in his term, argued that happeness was available only through a perfect adaptability to one's environment, and that officiency and love, intery and the softer sentencess was the short cut to human blass.
It tooks a number of years for the scientist to put

over his scheme of substice, but in the end the macecaried, not to much from the persuasiveness of his words, as because prompt action of some northfact the people of the earth. First and regelatewage lecousing a thing of the past. Teo much proting the people of the earth First and regelatewage lecousing a thing of the past. Teo much proting from the first first was imprared the raws, and at last the people resident that, for they must turn from the field to the librarity of from the first to the librarity of from the first to the librarity of from the first to the librarity of mean that satisfies to the problem. There was no was the satisfies to the problem. There was no

and caring for food staffs destined to become the nourishment of man's most deadly entmy.

The has vicinting took

place in 2000, but there was no harvest, the vorcious laserts took every green shoot as soon as it appeared, and even trees, that had previously withstood the attacks of the buge insects, were by this

vestige of greenery.

The wagetable world suddenly ceased to exist.

Over the haren pleius which had been grolustly
filling with wart doine, man-made fires brought devastinion to every living bit of greenery, so that in

Man or Insect?

extract from the diary of Delfair, a descendent of

ROM the borders of the great state-city of the great known is war with the great known of the great known of the great known or earth—the vegeta war I can not find words to express the great that overwhelms me as I write of its downs, for I loved all growing thrugs. Many of us realized that Earth was no longer beautiful, but I beauty meant death;

all growing tungs. Althy of us reasoned the Latti was no longer beautiful, but if beauty meant death better life in the sterility of the metropolis. The vicasumers of the thwarted insects was memore this we had foreseen and yet failed to tak into adequate account. On the city-state borderlans

into ndequate account. On the city-state borderland, life is constantly imperited by the anacks of well organized bodies of our decaded foe. (Note: The organization that now exists among

(Note: The organization that now exists among the arts, bees and other insects, testifies to the posshillty of the development of military tactics among them in the centumes to come.)

Robbed of their source of food, they have become emboldened to such an extent that they will take any risks to carry human beings away for book and after one of their well organized raids, the toll of human

But the great chemical laboratories where our synthetic food is made, and our oxygen plants, we thought were imprognable to their attacks. In that we were mistaken

Let me say briefly that since the destruction of all wegetation which furnished a part of the oxygen essential to human life, it because necessary to manufacture this gas artificially for general diffusion through the atmosphere.

I was lying to any work, which is in Oxygen Poun. O. 21, when I acked a peculiar limp on the upper speciesy ones Pool Takat No. 3459. Although it supports you can Pool Takat No. 3459. Although it will humanistic as in eightly as by day. A possure which was poun work produgious pred westward. I sould acke it in non-sense: It was unquesticably the dark it in the possure which was poun work produced in the contract of the contrac

In his parasit, I sped above the car to the very border of the state-city, wordering what unbarrd of errand stock him to the land of the enemy, for the car came to a studies stop at the edge of what had once been an agricultural area. Miles about of me streeched are commutes expurse of black steriley; at any tack was the teening metropolit, five levels high— —if one construct the hanner-level, which did not

I had not leng to wist, for almost immediately my friend appeared. What a sight be presented to my succeedings gazet. He was interally covered from head to foot with the two-inch ants, that next to the beetles, had proved the greatest messace in their attacks upon humanity. With wild succharent cries he field over the rook and steblie-berned circle.

As soon as my strength exact premitted, I swooped draw toward him to effect a review het even as my place teached the harron earth. I saw that I was too hits, for he fell, borne draw by the vicious attacks of his myriad fees. I knew it was useless for me to set four upon the ground, for my fate would be that of Eric. I rose ten feet and seining my poleon-pas weapon, he tis contents out uson

the tiny black cold things that warmed helow. I do not bother with my mask, for I planned to rise immediately, and it was not a moment too soon. From a areas the waster-land, a thirt clear deshpead the start and I low course flowers for a harde of flying satisfied to the start of the start

When I could no league see them, I reasowed my gas mask. A sufficienting scenation scient me. I could not breathe? How high had I flown in my releasor to encape the flying anns? I leaned over the side of my plane, expering to see the city far, the below me. What was my utter arrangement when I I was not seen the least scarcely a thousand feet high! It was not allow a survey when the country of the giving coxygen.

specks of humanity lying about the streets. Then I know: the asystem slow in operative! In another mirate I and on my oxygen make, while was archaeled to a small portable made for emergency use, archaeled in small portable made for emergency use, archaeled in small portable made for emergency use, witnessed the first signs of life. Men employed with except massles, were trying to force entrance into the locked haliding. Being an employee, I possessed knowledge of the continuation of the great lock, and

I opened the door, only to be greend by a source of an the countraction concerned native spon us.

and the countraction concerned native spon us.

black ray, the corner netron that has what has feel to instruct as we certered, and it was that in feel to instruct as we certered, and it was that in feel to instruct as we certered, and it was that in feel to instruct a second of the contraction of the contractio

waxed more vicini maier the protection of trymatel. One at each eye, they were trying to hild me. The pain was undearable. Better the sufficienting death-peach that the control of locerated eyes. Frankfieldly I removed the local-open and sore as the hinty black fairles. Strange to del, I discovered to the local open and the local open and the expert life at least temporarily. The two vicinos insects, no length protected by my gas-made searried from me sike rate from a stelling ship and diretal from me ske make the making ship and dire-

not not me accept from a mixing sup and disappeared behind the oxygen tasks.

This attack of our enemies, though unsuccessful on their part, was dire in its significance, for it had shown more curring and ingentity than anything that had ever proceded it. Heretofore, their on-shaughts had been confined to direct attacks upon

us personally or upon the synthetic-food laboratories, but in this last raid they had shown an americal cleverness that portended feature disaster, unless they were checked at once. It was obvious they had ingentiously planned to smoother us by the suspension of work at the coypen plant, knowing that they thenselves could even in an atmosphere continuing a greater percentage of carbon-dissaids. Their scheme, then, was to raid our biboratories for food-

Lucinus the Last

A Continuation of Delfair's Ac

I aim as old man more through I have not yet level, upon two contracts, but I am languar mid-knowledges, that I have lived in the constitute that I have lived in hear have level and the second of the sug-feether (Locasous) and they staye have tended that it was the sale survivor of a form of the ten right lives secrected run may only the plant in the contract of the superior of the second of the superior of the second of the second

view one refer speciment on depth of the man's imprintive the face of the sum's late for man's imprintive. It was this unfully her that drew me one day the view the captive beetle in his cape in distance 40% at Universipolis. I was around at the sam of the day of the cape in the ca

germ and stated to teglifier a perfect resistant and ying for a proper state of the p The food concurred is bitted itself to its kind ingo, permishly supported by a box, and turned its great eyes upon me I had never been regarded with such utter mulesvience before. The detectation was almost tampidle and I shauldered involuntarity As plamity as if he upoke, I have that Location was perfectly cognizate of the situation and his gaze. I need the concentrate have of an extra defeated

I had no desire to gleet over his mislortum, rather a greet prey toward him welled up within me. I ple-tared moyel about, the last of any kind, led up for many land led up for had compared my people, and I knew that Mr would no longer be worth the fiving.

Whether he sensed my play or not I do not know, the continued to survey me with unmittipated.

rage, as if he would convey to me the information that his was an impacable hatted that would outlest extensity.

Not long after this he died, and a world long since intoirrant of creamany, surprised itself by interring the heelth's remains in a golden casket.

accompanied by much point and splender.

I have lived many long years since that memorable event, and undoubtedly my days here are sumbered, but I can pass on happily, convinced that in this sphere man's conqueet of his environment is supreme.

Efficiency Maximum

In a direct line of descent from Professor Poir and Delfair, the mather of the preceding chapter, covers

All I a true product of the year 2928? Sometimes I am convinced that I am bepeleasly old-fashioned, an arancherorism, that should have existed a thousand years ago. In no other way can I account for the disastedaction, I feel in a world where efficiency has at last reached a

I am told that I spring from a line of unceracts who were not ready acclimated to changing crucidities. I lose heavily, yet I see none of it here. There are many with think our lody buildings that tower two shall three through feet into the air are beautiful, but white they are architectural splenders, they do not represent the kind of lovelines I crue. Only when I with the sac do I feet any auditation for a certain systeming in my soul. The occur alone shows the handlowink of God II be hand bean write.

As I such lasek through the district of my senimental menctors I find occasional glowing decorptions of the world that was, the world before the forces through could be the last of the could be forcers brought chight unto the law of people as they wandered among them in vist open spaces. I am hild, where the earth was ofth breash the feet, and flying creature, caled brief, one among the enough to cal, and that memoriality protein governed them, but I do believe it must have been more interacting than this methodical, increasing colors.

Now there is no waste, all as converted into food. its constituent elements, of which there are nearly one form to another, has spood the test of ages. Man, as the agent of God, has simply performed

At first humanity was horrified when it was decisted the soul and body, failing to comprehend the body as merely a material agent, through which the spirit functioned. When man knew at last of prised all matter about him. He recognized only material basically the same as that of stone or metal; rebellt into matter that would render service to livine humanity, that portion of matter wherein spirit

The drab monotony of life is appalling. Is it to come? It seems that life is interesting only when there is a struggle, a goal to be reached through an evolutionary process. Once the goal is attained, all propriess ceases. The hage reptiles of pragingal tures that finally wiped them out of existence? Nature, it seems, avoids extremes. She allows the famastic to develop for awhile and then wipes the paratively simple form of life, such as the insects were at man's height of development? Thus, in seems to me, was the great plan, a scheme with which man dared to interfere and for which he is

The earth's population is decreasing so rapidly,

that only a miracle will save us now. The Year 3928

The Original Writer, Nathana, Remotes TY ancestor. Thanor, of ten centuries ago, according to the records he gave to my great grandfather, seems to voice the general desoair of humanity which, bad enough in his times, has prached the will power in my day.

As I have ascertained from the perusal of the journals of my forebears, even antedatour the exat large knew of my emotional musings concerning past ages, it would scarocly tolerate me, but surrounded by my thought-roubtor. I often included in what fancies I will, and such meditation, coupled have led me to a most amazing discovery

Several months ago I found among my family relies a rolden recentacle two feet long, one and a half in width and one in depth, which I found, spon opening, to contain signy tiny square comvarying size, texture and color.

"Not sand?" I exclaimed as I closely examined the little particles of matter. Food? After eating some, I was convinced that their notritive value was small in comparison with

winced that I had one over-sentimental ascence,

"If you're going to be home this afternoon," said Stentor, "I'll shate over. I have some interesting I consented, for I thought I would share my with this friend whom I loved above all others, but before he arrived I had again hidden my golden chest, for I had decided to await the development of events before sharing its mysterious secret with another. It was well that I did the for Steator was so filed with the importance of

his own news that he could have given me little "Well, what is your interesting news?" I asked after he was comfortably scated in my adjustable "You'd never sucss," he realisd with irritation

"Does it pertain to Mars or Venus?" I overied. "You may know it has nothing to do with the self-satisfied Martians," answered the broadcaster,

"but the Venusians have a very serious problem confronting them. It is in connection with the same ber, that, in their second communication with us, they told us of their continual warfare on insect last might after poneral broadcasting bud ceased. I broadcaster. He is suggesting that we get up a scientific expedicion to Venus to help the natives of his unfortunate planet solve their insect problem as we did ours. He says the Martians turn a dead ear to their plea for help, but he expects sympathy and assistance from Earth who has so recently

solved these problems for herself."

I was dambfounded at Stenton's news.
"But the Venusians are farther advanced mechanically than we," I objected, "though they are behind as in the natural scences. They could much nore easily solve the difficulties of space-flying

betain its in the internal services. I bey come much more easily solve the difficulties of space-lying than we could."
"That is true," agreed Steador, "but if we are to render them insternal sid in freeing their world from devastating insects, we must get to Venus. The neat four decades have proved that we can not help

"Now, ise aught," Sterior continued, with warring enthusiase, "Wanyana, the Venarian broad-coxer, Informed me that extendes on Venas are developing interplanenary television. This, if succeedin, will prove highly bendicial in facilitating communication, and it may even do away with the

communication, and as may event us also whole with mack in necessity of mirreplanetary travel, whoch I think in cureames alread of us yet."
"I distriction, through so common here on Earth and on Versts, has seemed an impossibility across the eitheroit wild." I soid, "but if I becomes a reality, I believe it will be the Vermedans who will take the initiative, thought of course they will be helpitoinitiative, thought of course they will be helpito-

initiative, though of owner they will be helpless without our fremily cooperation. In artism for the mechanical instructions they have given us from more to one. I think it no more than right that we should try to give them all the help possible in frending that they are the same than the properties of the properties. I have a supplementation of the properties of the pr

"If below you are tight," he admitted, "but I hope we can be of service in them some. Ever since I have served in the case when the case we have a served to the some time to be some some service in the solution of production with the shown by the Vennstons though their spalacimum, what was the solution to the supervision to in wealther in coastallary to the supervision to its wealther in coastallary to the supervisionation of the heighblearts of Mars.

we converse too some one, on a segar serose to take his leave. It was then I vanuoud to broach the subject that was uppermost in my thoughts.

"I want so show you something, Scentor," I said, young into an admining room for my precious box

going into an adjoining room for my persions but and treating abority with it. "At the from the days of an ancestor maned Delfair, who fived at the either the timeset, a beefer, was been to epcivity. Judging from his personal account, Delfair was fully waster of the significance of the changing tones in which be lived, and contravy to the majority of his reatmentairies, sousceed a sentimentally of soul that has proved on theoretic sweet to finner generation. Look, my friend, these be left to

I deposited the heavy easket on a table between us and latted the lid, revealing to Sentur the mystifying particles.

The face of Sector was eloquent of assenial-

The face of Souther was eloquent of astesis ment. Not unsaturally his mind took somewhat t some roote as mise had followed previously, thus

"Whatever they are, there ergot have been a real purpose behind their senserwition," he used at hist. "You say this old Delfair witnessed the passing of the insects? What sort of a fellow was he? Likely to be up to any tricks?"
"Not at all," I asserted father indignantly, "he seemed a very serious minded chap; worked in an evygen-plant and tack an active part in the last surface between men and assects."

Suddenly Souther stooped over and scooped to some of the manuse particles into the palm of his

flung them into the ser.
"Great God, man, do you know what they are?"
he screamed, shaking violently.
"No. I do not." I reaked quettly, with an attempt

he screamed, shaking violently.

"No, I do not," I replied quietly, with an attempt at dignaty I did not feel.

"Insect eggs," he cried, and shuddering with ter-

"Insect eggs" he creed and shootening with reror, he made for the door.

I caught him on the threshold and pulled him forcibly back mus the room.

"Now see here," I said sternly, "not a word of

"Now see here," I said sternly, "not a word of this to anyone. Do you understand? I will test out your thoory in every possible way but I went no public interference."

no peace intercence.
At first he was obtinate, but finally yielded to threats when supplications were impotent.

"I will see them," I said, "and will endeavor to keep hatchings under absolute centrel, should they grove to be what you suspect."

grove to be what you suspect."

It was time for the evening broadcasting, so be left, promising to keep our secret and leaving me repeting that I had taken another into my confidence.

CHAPTER V

OR days following my unfortunate experience objects that had so terrified him I subjected them to various tests for the purpose of ascertaining in egg, pups or hirsz stages of development. And to all my experiments, there was but one answer. chemical tests showed that they were composed of organic motter. Here was an inexplicable enirgial Many times I was on the verge of consigning the emire contents of the class to the flarses. I seemed to see in my mind's ear the world again over-miden with insects, and that calamity due to the indiscretions of one man! My next impulse was to turn ower my problem to scientists, when a suspicion of the truth downed upon me. These were seeds, the perms of plant-life, and they might grow. But slas, where? Over all the earth man has spread his arti-ficial domerson. The state-city has been succeeded Beneath the lower level of the community edifice atomic excussion, a slab of concrete large enough so admet my body. I let myself down into the hole and felt my feet resting on a soft dark substance that I knew to be dirt. I hostily filled a box of

this, and after replacing the concrete slab, returned to my room, where I petereted to plant a variety of the sent product of an age when paracitally to wish for a thing in a material sense is to have it. I experienced the greatest impactneet, while waiting for my influence of abortally to home products. Daily, was hourly. I wantled the soil for signs of a was about convinced that the germ of life could not have oursived the centuries, when a timy blade of green proved to me that a miracle, more wonderful

Duity and weekly I watched in secret the between the marvels of the thirty-fourth century with unemomanifest in the sample things which manland bas

Then one morning, when I awoke, a white blossom displayed its memaculate beauty and sent forth its of strange emotions I had long believed dead in the beacm of man. But the message must not be for

by ail who possed by. The first day there were few who saw it, for only rarely do men and women walk; they usually ride in speeding velocies of one land exercise. The fourth city level, which is reserved electrifice condition. And so it was only the occasomal pedestrian, walking on the outer border of for civic authorities to disperse the crowds that

When I showed my beautiful plant to Stentor, he rooms every day to watch it unfold and develop, but

had been planted in the human heart, a seed that could not be disposed of so readily, and this seed

T is a very different picture of humanity that I paint sen years after me san control at it is diary. My new vocation is farming, but it is been done two thousand years ago. Our erops small agricultural areas dot the country like the parks of ancient days and supply us with a type of food, no more sourishing, but more appetizing than that why may we not turn our thoughts toward the other eleven years the Venussans have repeatedly urged us to come and assist them in their battle for life.

a thousand years believe us in many respects, they them for the last half century and they shared with us the low of the establishment of our Eden. Thry underse from their resorts, we fear that theirs is to face with the Venusians! It will be an event numeations meerchanged fifty years ago. Stentor's excitement exceeds that displayed at the time of

Well it is over and the experiment was a success, but also for the revelation? were packed with himanity eager to catch a first

ander with which he watched for the first elimpse At first hazy mist-like spectres seemed to glide

as thousands of others throughout the world, there The figure that stood facing us was a huge six-

earthly enemies of past years, but manistalizably an until afterward, but it spoke, and we had to close voice of Wanyona, the leading Vennsian radio

broadcaster. Stentor grabbed my arm, uttered an "Friends of Earth, as you call your world," begun

to your story of the insect pests which threatened to diten heard us tell, we are likewise molested with insects. Our fight is a losing one, unless we can soon exterminate them." Sublenly, the Venusum was joined by another lexup, a coloseal art, who here in his fore-legs a test and the leaves of the leaves

so we know hom on earth!

There was no question as to the direction in which
sympathies instinctively turned, yet reason told us
that our priy should be given to the instiligent reignsing race who had risen to the present mental attainsum through reast of men. By some goth, or the
same through reast of men. By some goth, or the
veloped in the form of insects instead of menuals

or (the thought was regulated) had insects in the

Or (the thought was repellent) had insects in the past succeeded in displacing measurals, as they might have done here on earth?

There was no more television that picks. Success Now they no longer urge us to construct otherships and go to help them dispuse of their "instect." I think they are alread of us, and their very less has aroused in mankind an unboly desire to cougair them.

quer them.

I am against it. Have we not had enough of war in the past? We have subdued our own world and should be content with that, instead of seeking new

should be content with that, histead of seeking new worlds to compact. But life is too easy here I can plainly see that. Much as he may seem to dilike it, man is not happy, makes he has some corresp to overceme, some difficulty to surmount,

Alsa ny greatest fears for man were groundless!

A short time upo, when I went out into my field
to see how my crops were faring, I found a sixprouged bettle voracionsly enting. No-man will
not meel to up to Verm to faith! "Sascets."

WHITE

WHEN HEARTS REMEMBER HOME

Entrary to calling
Above the signing trail
That clushes the furrowed mountain w
High over brook and date
My child, if you are weary,
My life, if you are sad,
Look far, far up to cloudless blue

When darkness fills the valley, And slapes and peaks are dim, Infinity comes whispering Above the mountain tun My child, if you are tired Of earth of 100 or play,

Olance up and so the Universe.

Aglow with endless day.

—Leland S. Copeland

Amazing Stories in its New Size

N THE Third Anniversary of MAZING STORIES, we take pleasure in preceding the suggestion in its new size. The magnine has been changed from its feature page of Bi.k.I. Inches to the new one of Bi.k.I. Inches to the new of the new of

now side wire stitched, as are most mara-

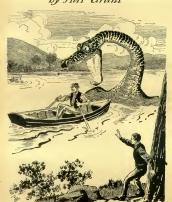
zincs, and it is hoped that our renders will like the improvements.

It will be noted that the magazine is a great deal earier to hundle than it was before, and beginning with the next issue, we shall use a much better and earier reading type all the way through, and make certain other trongraphical ins-

provements, which we know you will like.
We shall be very glad to hear from you
if you approve of the changes and we
shall be glad to receive any other suggestions that will tend to better AMAZING

STORIES still further.
THE PURISHERS.

MANCIENT HORROR by Hal Grant



T will be interesting if they happen to "What thing" I asked. Rutherford had been reading the paper to harnedf.

From the writer's description. I eathered the earth during the rentifica are, some five handred

I thought the story a hoax and said so. Rutherthe fact that the men-whose names were given-

Well, every one has a right to his opinion, even so I didn't argue with him, beyond saying that I Perhaps he thought I was a trifle surcestic. At

any gate he looked at me through contracted even ance, like the old fellows we read about. Also, I

Rutherford is not one DRE-HISTORIC monators are no movely in hims I have, but here is one so totally different and so well plead together that by the time we got through reading

weed that what I tell you in school. More than once I have known him to take a ficking when he

simply mis-stating the facts, he would have saved what his "proofs" were, or I should not have taken was serfect. Rutherford and L alone in the hunsing fodge on the shore of a northern lake at night, that surrounded the house on three sides, and driving terrents of ram and sket against the windows and

upon the shakes that covered the roof. An ecris "I've never told this story before," he began, "becouse there is little chance of being through any-

"In this case, as in all others, cause and effect are operative," he began, "If I hadn't cought the fin

"I had a pretty bad case of it and, only by the Even at that, I harely toused 'going west,' for I was

left with a lung complication that my doctor thought was a touch of TR. "As soon as the weather permuted, he ordered me into the meantains for an indefinite time 'Any olace."

on earth, which I might have chosen, I should have scienced a place I had never heard of before tout because the name, when I read it on the route marked out in a railway time table, reminded me of a little "Maybe you will remember her, Elsie Hampton

She went to school with us, back there, in Store Vermore. She lived back on the hill, beyond the ing thrown out of his buggy, while driving a crazy barse. Drunk at the time, if I remember correctly

I nedded and, refilling his observious gipe, he

"That's how I happened to go to Hampton and, as a better place, every thing considered. It was two thousand fort above sea level, just at the edge of the footbills. There were pleasy of pines, firs and ing 'tril you couldn't rest and, to make it more atstooped there (it was before the days of 'Automo-

vided with gas, electricity and a okceptful supply of

reservoir ten miles back in the hills. There had been a hot controversy over the construction of

the reservoir, due to the heavy cost, but the 'Boosters' 'I had been there but a short while when things ticularly that part of the town that had opposed the per started, every tap in town went dry. Inside of half an hour the water weeks department was be-

wives, who wanted to know what had become of their water supply "Well, the department found it out almost as soon as the women did, and it wasn't long before the engineers were looing along the pipe-line leading

"There was no break in the pipe and no cause for the center of the bears, near the dam and, from the

"Onlinarily, a hole may be stopped up. This was more than a bole to continuous stream of water of

was a cavera, or a number of caveras, undermeath There were two newtoners in Hampton, One

nished the rival copers with a countful smooty of material for molfication. "As might be gutteed, the conservative organ was

explain. The course was entirely obstour chambers, of huge dimensions. In view of what been strong enough to support the weight of the stream, but it was constantly growing thunger and it was apportuity not strong enough to hear the

"The conservative paper admitted this but tried

"And so they went at it, hassmer and tongs, until,

66 A MAN by the name of Wilson owned a large farm that abouted upon the creek. In fact, a part of the lake formed by the reservoir encroached large part of it, were it not for a retaining wall that perceiving space was filled by a sort of mound. of the water at high level. This mound was very

"One morning, while the principal topic of conoffice, he sprung a sensation upon that official by declaring that his farm had 'sunk out of sight' This was, to be sure, a mean and unusual trick for a farm to play upon its owner and the Mayor was both astorrished and symmathetic. Wilson didn't want sympathy; he wanted damages, which not an entirely different hole on the story. At first the Manual mind and, calling in the County America, asked "Wilson said he had been aroused from aleen by a attance more, a sort of rearing sound mixed with

a great roar and, upon getting up and going to his gress gush of water, sporting up through the hole in its bed, and that a few moments later there had

valuable land, and 'dropped plum out of sight." "He was still standing, open mouthed, at the wina tearing none and a great chaom appeared in the northern end of the depression into which his farm water. By this time, Wilson said, he thought be'd

better out on some clothes and investigate "Continuing he said that, when he reached the side when, the water, having reached a point a few inches below the firm edge of his remaining land, had

"As first he was mostified, but at last decided that the excitement induced by the fantastic story, that Witson was there to secure damages. "Of course the Mayor couldn't do anything for

way out of the tangle, advised the man to get a "The case dain't come to trial-not then-for the city figured a way out of the trouble into which

"Analysis showed that the water in the newly formed lake was the same water the city had been getting from the reservoir and so an appraiser fixed Wilson and this settled, preparations were become

"But, the chain of musual happenings was not they ran dry. An investigation revealed the fact that the reservoir had begun to fill up again and, as soon as the news reached the County Attorney's office, payment to Wilson was held up, rending such

"When it because apparent that there was to be no more trouble with the water supply, the City colled the deal off. Wilson then took his case into court again, the higher court sustaining the lower and justifying itself in so doing by stating that what had occurred was 'an act of God,' for which she early

"During the trial, I became acquainted with Wilson and, afterwards he invited me out to his place I was glad to go with him for his invitation carried soft at the assurance of better conditions of I bruge with a the first three conditions of the condition of the ten is any of the first them thems contained my laney. I I conjusted that if Whom is place anised my laney, which would easily the real typical of the condition of the which would easily the real typical of the condition of the ordering of the condition of the condition of the condition of the ordering of the condition of the condition of the condition of the correct. One there not so of the pair of first, as these correct. One there not so of the pair of first, as these correct, One there not so of the pair of first, as there correct, One there are not not not to display of the correct. One there are not not not to the condition of the correct of the condition of the condition of the condition of the correct of the condition of the condition of the condition of the correct of the condition of the condition of the condition of the correct of the condition of the condi

state:

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the tablet land under work, war is, busself as
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"I said as much to Wilson that exceining after supper. Evidently, be had never tought of such a thing; its mind was centered upon his loss. He suited the thing over in his mind for a secondria, and suited the thing over in his mind for a secondrial with the said, "If this dauged lode had not in a. I, would get succe our of the water then than I ever you can of the had said stiff own it." And I know you can of the had and stiff own it." And I know tall I it would make a wenderful summer requer, fee exceins you'd be built along the like which

secoled fish.

"AND the fish come, but not until we had about given up all hope that they would. I had become Wisson's star beautier, for he had newtod me to stay there as long as I lifed, as his guest. I spece the days helping Wilmu loop heates. He was a her had been become he was the ways a felying Wilmu loop heates. He was a

the days defung Whom loop bross. He wis a visioner for some years, and wonfered about the windows for some years, and wonfered about the windows for the work of the ware. I should not live the ware I should not Whom, nor laps out of the ware I should not Whom, who answered the call on the run and go there will not window and the ware I should not be with a ware I should not be with a work of the work of the work of the ware I should not be with the work of t

son was pleased to call the treut, jump out of the water. We then won lack to the bouse to make further plans for the next season. "Two weeks store we lad a donesi semiser ecitages will on the read toward completion. We expected with would be entitled, which shows how marky a couple of gronnbrams can come to making a correct gates. We could have result a hundred, if we had

couple of provisions on come to miding a correct goods. We could have rested a husdred, if we had then Lorer's worked had over thought of tentiing a single cockap. But who could have dreamed of such consequence. The cottent of the "The cottings, which were erected on a sufficiently large, cleared space, on the southeast sheee of the

large, cleaned space, on the southeast sheer of the lake, were completed before the cold weather set in and after closing the board shatters over the wardows to persone them from possible benslage, we devoted our time to planning a campaign for the Surinar.

"Where proof informers' is seened to Wissen and me, but in yow were pulsing on the and sheetly after level to the diff." These I had a seried of last as the false greater proof of the diff. These I had a seried of last as the falsing some proof, in a light partial widely of strings of troot that mode the disreptes of lesses which were proposed to string a different proof of the p

gon a cappet time. I should have baught the sendy flowers, done were stear than opposite harden flowers, done were stear than opposite harden miles from the count, and a thousand miles from the from the count, and a thousand miles from we concluded that was a pericetary which where on the milesof, that can not three motes to be were exceeded that the count of frequent mercule, it, and the country of the country of frequent time among the exempters have the country of the time among the exempters have the country of the time among the exempters have the country of the time among the exempters have the country of the time among the exempters have the country of the time among the exempters have the country of the probably capital from size expenses the country to when the size, what does a little neces amount to when the size, what does a little neces amount to when the

sick, or in convenient of Owing to the alternal and the added fact that it lay so deep down among the Isla, the nights were too chilly to permit of comiour or the lake after dark. However, there was plenty of warmal during the daytime, so it dishar menter so very much.

"Along about the first part of July, however, we

had a stretch of very hot weather. The warmth contracted well into the might, and the cirrly exeming hours found the like perty well detend with boats and canoes, passing back and forth near the shore and precay well out most the lake.

and premy well out troo the lake.
"The first break in the calm order of our livecastic one evening, during this but spell. Wilson and I were down at the lake, cleaning some treat we had caught. It was about eight, or a fittle later and it was getting dark rappolly. We had practically no

had caught. It was about eight, or a fittle later and it was getting dark rapedly. We had practically so twilight. We had just finished our job when a long, agousting sortem, as one in mortal anguish, came when they over the lake, from a come point down in the southwestern corner. Deopping our fish, Wilson and I ma goom the show, in the direction or the country, each to find the waters, and a copylor of near handled in a fregittened group, down by the dark with the control of the country o

white, to this point there was perfect apprenent, then sized difference of opinion, as to what followed. One man mid he was certain the boy had swrited to change ends, in the cauce, and had open sized it in no duning. His neighbor was equily certain his to be diffusly seen the young man stand got the first that the seed of him, see the forward, out of the cance, extraming as he felt.

64 ALL this was told by the tree near, while the doubt of the cancer.

the tots where the by was last iem; we have the control of the con

"So thoroughly commend was I that somed terrible had happened to Birmshy, and that he beyond help, that the sight of his overturned or as we drew near it, need only as a siderning of firmation. Yet, knowing that it was useless. I us a careful search and, with the others, called his na again and again. They may have hoped; I did I turrely know the boy was dead.

score. It would be led transpit to believe her only soon had been drowered, but. I doubted wheether her reason would bear the drower work of the away of thing I had in stand. When followed use recargit. "Having so grouping irons are recargit, who had not all the labe that night but I stall Mr., Barnaby, who beer up remarkably well, that I would go a some from Hammon in the reserves. Haveney or the

rods and hooks.
"Young Barmby's father wanted to go with us, but I prevailed upon him to remain with his wife. I felt it was best, because, while I did not expect to thing very sinister, and I. felt it would be bears for bitm not to see what the reus regist bring to the surface. Maybe he senied something of my chough, the constraint of the longer transmission of the experimental of the longer transmission of the sertended (I had bought eight hundred feet, m order to make saw we had enoughly more that but and, web Wilson at the care, guiled over to the place where the draw time the work, owney to as askwared shape and draw time the work, owney to as askwared shape and

weight, not we many succeeded in lowering it. It seemed as if the drag would sower reach bottom. Five hundred feet is a long way down.
"When, fixelly, the drag came to rest, I sat down in the stern of the best and told Wilson to row shouty. He did. He did even better than that; he hardly moved at all. I thought the drag might have

in the stern of the best and told Wilson to row showly. He did. He did even better that that; he hardly moved at all. I thought the drag majet have cought on some year, but Wilson assured me there was no such thing in the whole area of the lake. It required the constant efforts of caght men, two to a best, to pail that thing. "We worked all day, dragging every foot of the

has within a radius of several handred yards from the spot where the boy ward down. We found nothing that day not the next day, nor any day within the week of hearthreaking labor.

"It was labor loss, but it was necessary. There was no not rutaling the risk of, nor only deriving a was no not rutaling the risk of, nor only deriving a

was no use running the risk of, not only driving a nother and, perhaps, a father crary, but of mining our baseness. And, of course, I might have been mistation.

"The Barmsby cottage was vacant the day after we

exists to drag the bles, and it token, for a shift, as though the others might be too but, after a talking the moure over, the occupants decided that it was only an occident, and, indeed, but only too common and the other occupants of the other occupants to parents to recover their boy, they might just as well try to ferget it. So they sayou and the vacant cottage was soon remed again.

"On this convert, they didn't forget—that the Contributions over the other convertible to the other occupants."

'accident' happened in the evening; so although the warm spell continued, they kept off the lake after sundown.

"Nearly a month went by with no unroward hap-

petting. Even those sight notice caused and I begin to think! I had let my imagalation run wild, and time young Barnaly's death had been due to a simple cipite of his cause. Then, there was another incident mult ribe mere, it was a particularly herrillatic theory of the control of the control of the victims, the young comple who occupied the cottage in which the Barnaly family had liked. "The young run and his wide—their name was

Whisple.—Ind been married only a little over a year. Mrs. Whisple, a rather Irall woman of the year. Mrs. Whisple, a rather Irall woman of the set the Devil, was soon to become or mit rounders condition, of course, didn't make her are essier to get along with. She was a beauty, though, and Whisple abored her. "Bist, surreasonable as site was. Mrs. Whitsele res."

into the water, even if she had been a good extramer, so she kept off the lake, contenting herself with sirting in the how of the boat, which was told to a stake driven into the ground, a few feet from the edge. There was absolutely no shore, no beach, and the water, at the edge of the lake, grew suddenly

sections. Had Whirtole been a little more consumely What had been, when made, just a simple, wheelling

approaching hysteries.
"According to Holy Writ, which is accomed by the expected of a man, so thoughy in love with his write, who only fewred the pozsibility of an ampleasant re-suit of his yielding? Whipole held out, for a little and to make the motter worse, she invisted unare going, 'straight across to the opposes shore and

"I was present at the time; that is I was within hearing drauges, having been engaged in conversetion with the man next door to Whenlie. When I heard ben, grudgingly, consent to take his wife across, I lud a feeling of drund, a prepention of going But it was trieless. She listened, politely enough, for she was well brought up, but she was umlinken and what more could I do? True, I might have taken hold of the peinter and refused to allow which I could hardly give. So I contented preself with saving that I wouldn't do it under the circum-

"I've known people to kenth at 'a hunch' They to some triffing nervous disorder, entirely physiis due to any one, or all of these causes, but I've plenty of chance to test it out. The proof, of course, is entirely one-sited, for, if I "feel" that I'll be serve is, if there is an infection and the treatment to not to play the 'brench' and, as a rule, I do

STOOD there, on the shore, watching the outline of the best grow dimmer and dissmer as it neared the moldle of the lake. It was the second right of the new micro. The starless sky was like black velves. And it seemed ominously still to use, At the first terrible offulation of a woman in deadly peril, which came echoing across the black scretch of water. I felt, not so much of sumrise, as conferentian sirkened with dread and horror and when, an instant later, the hoseser cry of a man amote my cars, I

Wilson, whose teath were chattering, grasped my

"As a rule. I am not much bothered by 'nerves. It is not due to any courage of an ermonal port, for

I have known fear many times, but I certainly had them that ruche, when we realled across the lake. eries. Although I have coawled out into the mind and night, knowing that death would be my portion if I should betree my presence by a sound, my person were steady although fear was in my heart. I know in what manner I should die and the knowledge belond. Her the awful mystery that lay helded the need for going out on the lake shook me and, had

"A hundred yards distant from the farther shore we came mon the hoat and drew alonovide of it. It was surety. Suddenly my eye caught sight of something white at the bottom of the boat, year the stem, Pulfing the craft along I reached for the about. It white dress that night. I record sick

When I lifted my hand from the consule of the bust, perconnecty to beginning a search that I knew struck me as strange, since the boat had not been lake to wash it when a thought struck me Lighting

a match-for it was too dark to see anything clearly "Wilson had been watching me and, as I hastily direct my hand into the lake, with a shudder I

could not prevent, he asked, in the tone of one who the question. I modded said I felt the boat quever as a spasm of shaking select him. We know, but we continued to search—we and the others, who had caught up with us. Although I was ignorant as to what it was that had brought about

the death of three people. I was certain there was scenething similar and terrible in that lake of ours, "When we dragged the lake, we found no bodies-

wights were trade bidoors by their dreams and the

it was which grew increasingly worse. It was a "After the list of our goests had parked up and

"Fortunately for us, nothing had been said concertung the disappearance to arouse suspicion in

"I have no idea just what it was that suggested stamber and the happenings on the lake, but I found might be the cause, he wanted to know how a locomotive could leave its rails and accomplish such a thing. You see, he had accepted as fact, the idea

I had gone crary, for when I asked him to put in a night with me, trying to locate the noise, he refused.
"In deference to his opinion that the disturbance investigate. The men were very courteous and obliging, and blew the wheeles of engines that traveled over that stretch of the company's right of

I told Wilson about my findings, and when I told see that he took no stock in my belief

hard time getting him to go out the fourth night, but "Since the nesses seemed always to have come from the southwestern shore and, because it was

of the lake, "We found one tree which had rooted a little farther back from the line of break, had therefore, part-

it reached out over the water at an angle of some branches with broken limbs placed across them, afwind, it was far from warm. As I have said al-

"There were no dangerous land animals about, so the creature we were hunting. So, with a pacient of lunch and a thermos bottle of luct coffee, Wilson

"The night was clear, when we started from the house, but, after an hour or so, it began to thicken and a mean, cold drizzle set in. We were warmly dressed, however, so, aside from the ordinary dis-

"It was, as nearly as I could indee, (I didn't think when I was aroused from a half doze by an odd noise that I could not for a moment classify. It woke me up, however and now fully alert. I waited for a repetition of the sound: a heard it again presently, from the familiar vocabilitions one hears coming the grunt of a hog, (which might have escaped from the sound came from the lake, and not from the

THERE is nothing in the sound of splashing water to scare one. Yet, there by the lake. "Wilson, his back against a crooched branch, was

in the act of waking him when, like a blust from the siren of an ocean liner, the most awful roar I ever heard, tore through the night air, from out there in the darkness, nearly shattering my ear-drums.
"It fairly because me to my feet and, as for Wilson, if I had not been lucky enough to grab his coat as he was disappearing downward, through the

branches of the confer, what horoened to him later, been hearing all the time. And I knew also that that

It would be difficult to adequately describe to feelings, as I sat crouched there upon our none too secure platform, teering out into the black darkness,

for his teeth were chattering and he seemed dumb "Then the splashing noise gave way to another round, this time to a swishing, sucking sound, like that made by an our, pelled forcibly through the

ding with flippers. And it was heading toward the north and of the lake. "As the sound of its movements through the water it was enormous and, as I thought of it in connec-

men and that helpless woman, the muscles of my throat techneged and-I am not ashamed to admit at following the same line of thought. He was almost

"When the last of the monster's shadow had possed, we painfully rose from our cramped position and erawled back to shore and started for home, other and, perhaps clearer view of the mouster. But "I am not a drinleng man but when we reached the house and Wilson pountd a stiff per of liquor

we needed that drink if ever any drink was needed, "It was long past our usual bed hour, but we didn't to my secret delight, refused to take any chances of dreaming about that thing 'No, sir? he said. 'Fin going to keep my clothes on and stay awake. So

"What kind of a fish was that?" Wilson's court-I had wandered and, my mind engaged, I replied, an

knowledge was very limited so, drawing on my monhis query in such a mariner as to enable him to understand the probable garaning of what we had seen, that is, one that would cover what we had dimby glimpsed out there on the lake, required something

more and I was obliged to resort to deductive rea-"Briefly I told him that the age of the earth was estimated to be between 850,000,000 and 1,000,000,this great span of years was divided into ages, such as the Azesc, followed by the Pulsozoic, Mesonic 000 of years. Then I told him, as well as I could

the earth and its water at the time; then, in an effort to account for the monster in the lake, I drew upon my imagination Perhaps I guessed wrongly, but "I am inclined to believe I was not far wrong becontinental changes were taking place at that remote

eaught in some of the great caverns that were formed

any species known, but is it certain that all the reptiles that fixed may back in those ages had been so this creature might be a direct descendant of some distinct and unknown class. Or, I thought it rought he possible that reptile might be some sort of hybrid, bearing a composite resemblance to its anwith members of the reptile family? "All sorts of fossil remains of pre-historic reptiles

ics, at is known, is fairly honeycombed with caverus, some of enormous extent. Many have water in them; although not sufficient, perhaps, to accommodate a lizard as large as this particular one. Is at certain Take this particular case for an example. When

had there not been such a cavern or caverns under

"Following this line of deduction. I came to the tile, with perhaps many others, had been born and, since even a ligard connot live to water that to ento keep the water, at least comparatively fresh, Space alone, is limitless, so there must have Speen a limit to this cavern or caverns and

filled to the point where the rock walls were burst and the earth, having lost its support, fell, forcing the bed of the creek, the reservoir filled up again, underrect, then the presence of the Enard in our lake was the same hole through which the water came. thought, and still think, that it was correct.

"After breakfast I were to the north end of the lake. I believed I had hit upon the real solution

verify it if possible. I had an idea that the lizard and pice me a chance to see it. I wanted William to accompany me but he said he had too much work "I worked near the hole until about moon, but

seeing no sign of st. I concluded that it had either down there in the darkness, until mightfall. Instrad no trout sumping and I thought they might have been frieteened out of the lake and externed to the reservoir. Wilson and I, although we did not know until the night before, lust what had caused the accidents, thought it better to go without fish than to

take any risks out on the take. But if they were in

the beginning, lay directly between me and the resersule. It was covered with low brush and weeds that not greatly impode my progress. I plowed my way to the top and started across the rounded back, to-

"I was not miured but I was considerably shaken I was inclined to laugh at myself, for I cut a funny figure sixting there, hunched up. But there was nothrounded by miscalable walls of loose gravel. Moreplace, so unless a meracle happened, no one ever would come in time to find me alive Well, sitting

"It soon became evident that the hole had been dug by some one for a definite purpose, what that

the course of a short time had become covered with None of the boards had fallen mos the hole, nor was

"I knew I had a tedicus sob ahead, for I had only hole, custe a cide of gravel had fallen of its own weight, which gave me a good start, I thought floor soon proved to be a bad job. My hat also

"I had a beap about three feet high when, in scooping up another double handful, my fingers came in contact with the surface of a box. I soon had it about to kick the cover off, in order to find out what, if anything, it contained, when I was moved to examine it a little more closely first. It was a pood

"The record for the hole became apparent at once. It had been used as a chamber for explosives while

side, on top of the little heap of gravel. Digging further I found another bux, and another, until I holding my breath and taking care not to make a false seen. I climbed to the top and soon found myself in the sunstine once more where I could breathe

WHEN I reached the reservois, I found the troof jumping. The fish problem settled, I started back toward the house for my tackle. I was

"Mules are supposed to be, and are, stubborn, but cow is pretty much of a fool. Added to this, cows

you can't class it out. "Now, this cow was a Holstein, and valuable so, naturally objected, considering the sort of tenant that lake hartscred.

"I was too far away to be of assistance and the on the gallop when she reached the water, so she went entirely under. I saw her come up, a few vards from the bank and, cow-wise, start for the farther unless it is because as I said, they are just plain

dispersons for him. But he more prive have thought little dock that projected out into the water, and getting into the boat that was tied there, began to "I was too far away to waru him of his danger, like a great blue gem bathed in the golden rays of the

dimpled beauty, made somewhat sinister by the had been, and mucht at the mement be, a nameless of a fatalist; it seems to me, though are pretty much laid out for us from the beginning. We are supposed to be 'free moral agents,' according to the elegy, yet I wonder if we really are. Of course, Wilson did not have to op out on the lobe. world be have once if he had stormed to think. But blame can hardly be attached to him for not storoging

"By the time I reached the most where the cow went into the water, the animal was about a bundred He waved his hand and nodded and that was the

has thing be ever did. His hand had barely grasped the our again when, allertly, from the blue dooths, head and neck of the creature, whose shadow we had disable seen that night, when we sat crouched on a shaky platform spread over the branches of the fallen centier.
"Up it rose, to a height of seven or eight feet, while L, gusing upon its utter frightfulness, stood penivised and dumb. I saw its cavernous month,

while I, guaing upon ni utter frightfulness, persiyased and drush. I saw its cavernous m rislly three feet from sneat to the angle of the new it open and reveal its gleanting, needle; teeth over the head of the unfortunate man; a was utterly helploss. If my own life had be salter. I could not have uttered a cry of warning

"It think Wilson must have seraed seconding, commbrow, for 1 stacked [C can not that look even sown is look of four spread over the regged cleatures, and the contract of the contract of the contract over the regged cleatures. There was a slight working out the service of the contract o

"Horor unspeakable overpowered my mind, and I think I Inst consciousness for a moment. Maybe I went med for a time, for I have no remembrance of having gone to the house, nor, until nwakened by a terrific crash of thusder, did I have a realization that anything had taken place.

When I regained my senses, I sat shamped over in one of the keekan charrs. I felt dazed, like one who has been on a long drunk. Shadows of strange memories passed through my mind, suggesting nothing definite. Then another legalitid crash sweet the cob-webs from my brane and I felt memory comme

"Other things came quickly, and perhaps fortunately, to occupy any must, and domand my attention, for one of the worst storms I had over witnessed, was brawing fast and furiously. The house, stout though it was, trentiled and creaked beneath the ordinarity of the isometries one with

"Catting up from the chief Janggered to the wise down. This always overest with heavy clocks, those limitedness!" overhead being a greyorth block, with, down the control of the control of the control of or wharing cannies, whole and released, high up in the heavent. That there were several currents of the heavent. That there were several currents of reduct, from the numeric is which the you of the trees believed. They fully threshold about. Prevailing the unrepression began to the one of the will be unrepression began to the control fair overhead, and then the folkes of lightning be, cann appulling as the first feels duried from cloud

"Then the rain came; came in torrents that were verifiable executes of driven water, beating in at every crede and creve." There was a blinding fisch a hundred yards from the bosse and a tall tree, spitintered airs leading, the win all directions; this the gale whirled and toosed about, finally driving it

fresh.
"I heard a crush overhead and knew the chimney had gone by the board. This was followed by a rippling sound, and the roof of the chicken house, looking like the flapping wings of some nomenus bird, home the fiberan to side upon its foundation. I expected to follow. It do not, however, sutther did it lose [its roof, shhough, as I discovered later, there were it a whole shingle left on it.
"Suddrely the hideous racket was augmented by a cound that over-each all other noises. Every window game was thattered; every door was driven from where racked, flowled the house and become when the country is the country of the coun

This is defined, and it is going to be any worse than that cruck, I don't want to hear it. However, it seemed to serve one useful purpose, for after it came, the awful makes the part to selved and, within the hour, only an occasional studies be the widence of energy self-at worth makes T. The range continued, however, until it

"Wet, old and weary," a walch chough the water to write the first of first drough the lower than the water than the first drough the lower consistency of the first water than the serious metals, for each walche, oppoint, and the serious metals, for each walche, oppoint, and the serious metals, for each walche, oppoint, and the serious metals, for each walch was consistent of the wind, where the series of the wind, when the series of the wind, where the series of the wind, which is a long that it is series that the series of the wind, which is a long that the series in the series of the wind was the wind was the series of the

"After wringing out my own clothes and hanging them over the hacks of chains to dry if the rain ever let up I piled some things on the floor and, upon these, for a bod, I seem torget all about the storm and what had gone before it.

"A reg of irealight on my tyes, reflected from a mirror, awake me. My wanth had stepped, so I dule't know jent what came it was, although I judge it must have been about most o'clock. I was a bre still and hanger, but otherwase, in pertry good shape, have been been been about most of the state of the hang, iron her sundhers. I went down state, a between ables out of the stove, made a fire and cooked some haus and ages and coffer for myself. Then

been, became practically every our of the trees had been runned, the branches having been toen off. "Ther, for no partition reason, I stroilled down to the lake. Except for a lot of floating shingles, branches and boards, it was the same, smiling, beautiful kine body of water—the last object in the world

I thought, where such terrible tragedies could take place, and the most suffixely hiding place for the horror that had caused the events. Soon I became aware of a muffled sound like a rushing of water

over a fall, and wondered what caused it. A little later. I noticed that the floatsam was drifting toward the north end of the lake. This was old, since there was no current and, currous to learn why, I started for a moroent, like a flash the explanation came to

"I suon reached the place where the noise came from-a great reas at the end of the bostn in which was there no longer, and if I had been in doubt as of full knowledge. That unearthly crash had been

"The reciev floor of the set must have been a sort of pot cover, over the subterranean cavern, or away rendere the rocks and earth into a great tear.

and the reservoir, for I found, upon going around whole enormous structure of concrete grambled and fell; a part of it going completely out of sight in the

momentarily, that it would not take long to empty

CITTING there, wondering into what profound STITING there, wondering into what perfound depths the waters of the lake and reservoir

"I was aroused from my reverse by a speet, and coming back to actualities. I looked to see what had produced it. There was the great limit, from whose

duck. This body, armed or equipped with flavoers. a greenish black and was covered with what might have been the same and oose of ages. Its neek, desible as that of the swap, was fully two feet in much haven, with loosely articulated news, permitcertain enskes. The mouth, armed with teeth fully frightfulness, the upper carane teeth, or fangs, and were, as near as I could judge, at least ten inches long. A more herrible treature I couldn't imagine, and I worstred whether it might be a a hybrid. I think it was the latter and, since it was its existence away back there in the mesospic era rate it certainly looked ancient enough to have been boin long before crestion bearn. Doubtless, I thought, there were others like it, somewhere, for

posite of the crocodile and the tyramosaurus, but

cient days. But, whether or not I was right, can "Apparently the ligard was terrified at something: the lake. It was a losing game, however, for the ance of the water, powerful as was the reptile, was flippers to accentuate its speed, in a sort of 'devel

been cought in one of the catachysms of those an-

as had also the reservoir "The following morning the city engineers were out, and as well as I could, I explained what had hap-

the man who had supervised the construction of the reservoir, and was therefore the only one who knew edge of its presence in the pit caused him some weery, and he explained that he had given orders for its removal, but they evidently had been foreotten not mention the matter to anyone, for which he sconed very grateful. Since it could have done no

"But I mentioped the ligard to no one. I explained the disappearance of Wilson, by telling them that he had islien into the lake, from a rowboat, while trying to drive back to the shore a cow that "As soon as possible I enthered up my truns and

ecoerience, for it was far from pleasant, but this believe there are specimens still alive. Why not?

The MASTER KEY by Charles S. Wolfe



FOLLOWED Fenner through the close of Davidson's office. We found the

"None of the bunch you so glibly ramed, Joe,"

dangher cloped with the T HE desences of this story like the electrical of family charifour-some-

"Most Mr. Fenner and his friend," said Davidsun. "Joe, this is Mr. Watson, son of John Watson, who has the see plant. Fenner here, Mr. Watson, is You'll excuse me, for I'm rather heavy this morning the "upper set," and a member of all the exclusive clubs. His name was constantly appearing in the

public prints, and I made the most of this oppor-He spoke in low, entured tones, not looking di-

"I find myself in a most emberrassing situation, Mr. Femier," he said, "and Davidson tells me that line. I suppose he's right. Also, I admit that I this business, but you will understand that it is not the money involved that leads me to unfair play. I am in a fair way to become the laughing stock

asked policely, as the clubman poused. "It so a slilly bet that I was foolish enough to hooles of the day, and finally worked around to a you've read the thing-thip is murdered in a room to which there is no apparent ingrees possible without detection-that sort of stuff. I remarked that all this kind of business was drivel-that in everyday hie such things could not, and did not, take place. Young Fair, with all the romanticism of weeth defended the writer and his claim. Sold that things occur in reality that outdo the marvelous haromines of fiction. The district grew rather

hotter than either of us blied, and-well, we ended "Fair offered to het me five thousand dollars that he personally could demonstrate to a selected com-

I accepted the wager. "The committee was selected, and the conditions arreed on. He was to error a room from which no unalded exit could appearently be made. He was to be allowed the entire night in which to effect his escape. If he succeeded, I agreed to find him within 48 hours, and to explain how he got away

or forfest the wager. "The arrangements were made, and he entered the chosen room at eight last evening. This morning we forced an entrance to that ruom. He has

Fenner made no effort to conceal his grin. one over, th? Any idea how he managed it?" "Not the slightest," condessed Watson, delectedly "Apparently it is impossible. Yet he is gone. My factorish hours are slinger away maidly, and at little devel that much if he asked for it. It is the idea of having the young lackanopod boodwink me him if I can. Yet I haven't any idea where to beam. Now I am making you this offer. Solve this riddle for me, and the money I win you may have. Of course, I rely on you to keep secret the fact "That's a pretty stiff condition," objected Fen-

ner, "for how I am to get a look at the scene of this inviterious disappearance without someone notmg my presence there, and how I am to trace the

"That was ran casile do," returned Watson, "The age. I told the proprietor that I would send workman around to make the necessary remains. You may represent yourselves as locksmiths without

"Right." Fenner agreed, cheerfully, "and now,

"We finally chose a room on the twelfth floor. Pair accepted this room without comment, and it suted me. It opens into a long corridor, which leads to the elevator. It is much like the other rooms on that floor. The reason that it arcested "Granting that he had nerve to weature out over the blows, couldn't he reach the rood?" queried Pen-Watson shook his head in negation "Three stor-

tically no hand or footbold on the surface of the wall. I don't anarone a cut could make it. I think we can eliminate the wordows. The hotel proprietor assures me that there are no secret passages, spaces between the walls or apythone of that sort in the room from the corridor by which Pair entered, and one within the room in the left wall, leading into an adjourne mem which also has a door opening into

"Both these doors have ordinary locks, not dead haches. For this reason, I suppose, they have also bolts. There is a bolt on the maste of the door which opens on the corridor, and a belt on the door within the room. There is a bolt on the other side I looked this morning. And for the occasion, we

sade bolt. He shot the one on the inside. That's why we had to force our way in this morning. That hold bolts on the other door. And there you are,

Fenner arose. "Your description of the condi-tions is good, Mr. Watson," he said, "and now Bill and I will become locksmiths and go down and see if we can do saything for you. If I am able to help

you get. I'll call Davidson on the 'phone." money is all yours if you can successfully unfivel son smored at the table. As we passed through the corter office, Davidson forcered us with a wink and a germace to which Penner registed by forming with his bands a very creditable irritation of the long cars of a mise. We made our way to Fenner's home, attired ourselves in weeking cishless, took a few tools, and

We made our way to Fenner's house, attired ourselves in weaking clothes, took a few took, and caught a downtown car. As we rook, I ventured to question Fenner, hoping that he might hire a possible solution to the middle. He proved mon-consnicial.

"When Ital!" he can "mild we have hed a first.

"Wart, Bill," he said, "until we have had a firsthand look at the seese of this fourth-dimensional chys's activises. Let us form no theories until we know all that is to be known about the case." "Watered's description used quite levid," I replied, "and if things are just as he described them, the trick seems monossible to me. Fair couldn't have

"No matter how impossible it may seem," rejoined Fermer, "you are face to face with the fact that when they broke into the room this morning. Fair was goze. That, I take it, is proof enough that it is quite possible. Here we are."

wist gone. Link, I trace it, is proor enough man it is quite possible. Here we are."

On stating our crand to the manager, we had no trouble in securing admission to the room, and the departing bell-hop left us alone in the room from

The damage to the dose was trivial and Fenner see about making the few recessory require. "You search carefully, Bill," be said, as he applied himself in the total of replacing how purely making the said of the property of the said of the property formed is not being, disquised as a held or a checkes tree. I generate the beater, I did make a thorough examination of the room, having count to the conditions on the three you down that Fern right high type postify some of the way down that Fern right high type postify the property of th

have remained in the room, avoiding detection by some cleave expedient.

My efforts were fruitless, however, for a search convened me that he could not possibly be in hiding

with the force. The second of the second of the second of the second of the second polymer of the second of the second polymer of the second o

The celling, examined from the visiting point of a chair, was an irtuities of clues as the previously actutinized floor.

"And now," said Fermer, after these details had been attended to, "we will take a kerl from Watsor's book are there a look at the actionize mem."

"And now," said Ferner, after these terms may been attended to, "we will take a feet from Watson's hook, and have a look at the adjoining room."

By means of an ordinary skeleton key we readily got into this chamber through the corridor door. I

prepared myself for another thorough search, but Fermer sayyod me, "No use, 18th," he sald; "let's go."
Mystified, and a little rebellions, I followed him from the room, and we mode our way to the street. As we waked along, Fermer hummed softly under his breath.

"It wouldn't have done say harm to have taken a look around that room," I grusslied, "en the off chance. While he's not likely there, we might have made sure."

made sure."
"Nor would it have done as any good. Althere's a stelephore booth. Wait here still I get Davidson and lass that five thousand good-bye."
"Are you giving it up?" I demanded, annated after "late yo fack and have another try."
"You on your life," said Fernier, girnily. "Losd ins not into tentonition. If I yo hock there I may be used to the control."

hart. "Let's go inck and have another try."
"Not on your life," said Fernets, grundy. "Lead
us not into temptation. If I go book there I may be
tempted to collect that maney."
"You"ll never collect it thus way," I denurred
"My boy, I don't want to collect it," retorted Fenner. "I don't need mounty that bodly. Watson't a

ner "I don't need money that bolly. Wassen's a short sport, or he would have seen this thing through branselt, and not asked so hay the breast which he appearently lacks. Fair, on the Soher hand, has proved himself the possessor of some real gray matter. Cits me? I'm going to be constrong of a good sport movel and not give him money." I echoed "I'l health thing you will." "I'm lims away," I echoed "I'l health thing you will."

Ferner stopped short in his tracks, nettled "Say, you ass," he said, sharply, "you don't think I'm stumped, do you? Let me tell you seemthing, fellow I know where that had is at this very moment," "You do "I yelled. "Then where is blease is he?"

"In that room that I wouldn't let you search, my

boy," recipiod Fenuer, complicently, gratified by up startled expression." That's why I liberally dragged you coit. I didn't west you to thich the post of and spoil in for him. He was in that big does acknowledge out his forty-eight bound." "He was "I demanded, in was in the big does acknowledge of I demanded, in a "The was "I demanded in a "The was "I demanded in a "The was "I demanded in a "The was "A circle He und the MASTER KEX".

"A matter key for a belt?" I demanded interedtionally.

"A master key for a belt," Pemer said quietty.
"A me hinte electro-suspert and some knop earl Surple, want't k. Hook right into the hump sockar and short the belts alone at will. He figured, and rightly enough that the fact the all those belts were found as the service with the said of the service of the said of the service with the said of the said were found as the service terrord into the administra-

room. He was right when he told Warson that things happen in every day life that are stranger than faction. Maybe that worthy will believe him now."

"Good night." I murusured, decedly. "I never thought of that method—never suspected the trick."

"I did," replied Fermes, "and just the moment that I now those boils were of steel and not beaus, I knew that I was right. Ges! Couldn't we have rigged up some various with those five thou-

The RETURN OF THE MARTIANS by Cecil B. White

A Sequel to "The Retrest to Mars"



I was moderaty bested in a grouplin give and on the output before on those appeared on loans of our forms on most from the Danie Suddazay the Caster was protective sixt necesses to be obtained every in the figure, these the Caste Appeared . On the Danie place and department of design and design with my shorty most the Higgs, beauth and stometh wave shown in residue.

In Mary will be entered to the present step, which is Mary will be entered to the present step, which is a arqual thronto. Mr. White, the author, take is a screenware, or a trial series and obest the author, take the is series and the control with being the control with being the control with t



August users of this publication, that Soon after I had forwarded the narrative to the

Washington and whisked me away to his apartment at once. No mention, other than that it was some-

in the operation thereof. It is nothing less than a

transmitter, but to me it appears to be totally new

THOSE of our realize who have west "The Revent

pleage yourself to secrecy, all the information that

absence. I will get him to take over my share of "We will actile things tomorrow, then," said Hargraves. "I will take you over to see the 'Chief I have had cooled, this evening after dinner-it's

diagrams. As Dr. Hargraves had intrinated, the extremely small amount, hence the outper of the

During dinner we discussed the probability of our signals being heard. According to Hargyayes, the points on the planet, connected with an alarm and recording system, so that as soon as the Earth reof the other planet would know that we lind at last

At the conclusion of the meal, we again repaired

The following morning I was introduced to Dr

and in a few days the instromests were well under way. The work was carefully apportioned among the three men so that

count where my observatory is located to install world repay later study. It was uppressure to construct an instrument specially for this work, as enough, and, with the slight modifications we were able to make, we could use it in conjunction with the

when we left Washington, and these were to be forwarded to us as some as they were firstend. The projector was connected to the telescope in to the optical axis of the reference. This adjustment a solid angle of but four seconds of arc, the pressent

telescope tube in different positions and to make a table of the necessary corrections to be applied to Through some mounderstanding, the ports for

I checked up my computations carefully, so that I was sore that there were no mistakes in the position receivers. It was necessary, of course, to direct when the signals reached the planet—the velocity of the radio waves burge frate. Three factors had to

observed it to be for, due to the finite velocity of where it was observed, the amount depending upon sigmls would take to reach the planet had to be ing our atmosphere except when coming vertically third factor has already been memoroid, that due to the flexure of the telescope tube.

Two o'clock found the planet high enough in the difficult to set on the computed position. Hargraves with the speed of light towards its poel, 82,000,000 The Martiss code is difficult to describe without entenue into it fully. It was sent with the and of in combinations, with the result that a component operator could send a message almost as fast us speech. Havgrayes had become quite an adent with Following a series of calling dashes. Hargrayes

your pioneers after their estempt to coloniae thus lish communication with you. Do not reply to this stalled. We will inform you when we are ready. We are now coing to repeat the simula to appoller

transmitting from a point on the Earth which co-ordinates 78 856 and 19 460 N.*. The coordinates that Hargrayes pave in his messare were obtained from one of the Marting many remembered that any translation that can be made nothing in common only the thought-forms can be green. For this reason, the above is but a free

miles per second each time to a different receiver, in the hone that We would have to wast until the remainder of our

Four days later the receiver was completed and night was cloudy and mover once did we catch a climpse of the planet, although the telegrone was acre pointed to it throughout the night and the everiese was never left for an instant when there was the shightest change of catching a climpse of R.

were able to see the planet long enough at a time to allow a setting to be made on the computed post-For fifteen migutes, in which time a returning air-

nal should have reached up, we swited anylously Minute by minute passed without a single sound were both equipped. Our attempt, we thought, had failed. Again we tried; and for a few minutes, the

I awoke about eleven o'clock to hear Harcroves calling me. He entered at my answer and in his

paper,

"Look at this," he said, positing to one of the front page column hands. This is what I read: Rance Experience Claims to Have Hearn Museum, Front Mars.

Calper, offin-Robert Daswood, a ratio experimentar of this city, claims to have hand signal has sight which be believe to have once from an exmedient content of the month, from an extractive content of the content of the content of the concept of the content of the concept of the content of the co

It seems must fleely that these were the harmones of some commercial transmitter rather

though he is r

"Have I made a mistake in the position of the receiver that I gave them?" I exclaimed, jumping out of bed and hurrying to the den in my dressing goven. "No." I rupked to my own question, "there has been no mistake. I wender if those signals were

"A very strange coincidence if they were not," replied my companion. "Can the Martians have made

a mitable in our position or an error in their interface. "I conclusion," but a prime, intended, I save an size, "Garry to the tologhout I checked, I save an size," Garry to the tologhout I concluded the untroducipled intervalves, the director con the present circulations of the right before. The righty was what I capacital—Cloud covered the say the Great Lakes; the general conditions over the say the Great Lakes; the general conditions over the say the Great Lakes; the general conditions over the says the same and the same and the same to the learning well enough to direct these bases to the learning well enough to direct these bases to the General passion for a sunsa the remindend that or

thought. The releasy spell broke that afteriscon, leaving us with a clear sky. Full of expectation, we com our signals out once move as soon as the plants was in position. Twenty minutes after our first citl, the clear of the control of the contr

sage that reared through
"Train upon the Elysium receiver" commanded
my companion, after the phones had censed sound-

my compension, after the phones had ceased as ing. I rapidly computed the new setting point directed the telescope thereon. At my "All set," another message was sent

what was going out or coming in I would have to walk until we were all through before I could learn the context of the missages It was the biggest thrill I had ever experienced as I sat back there on the observing ladder, with my yes gland to the humoniac expelies and my fingers on the slow mome contrals with validate I corrected as the contract of the many would be himself by a wave of the contract o

of my efforts.

T would take up too much space in this account to repeat the messages sent and received, word for word. The resolver who winks to read the exact messages will find them published in the spe-

call durient issues by my observatory, that we had four first sussaign was in one that the preceding math and were now ready to receive. Then we reported that signeds had been bared by an experimentar in another locality, some three hundred miles sway, and inquired if these convaried from their transmitters. At this we should by fee the return with its intensity. The mesoage can as follows:

Following the receipt of this message, Hargas we sent to our Mactinus an account of the deduction and the resulting discovery of the library. A few moments after the conduction, the phorus situated duration was received. This was fedired by other at intervals of the same freely. My composition messages were securing of the progress of civilians on this plant and most of the received by other propositions.

The following is an abstract of those received:
Shardly after the Review to Mary, another up
foreseen cutastrophe overtook the Martians. The
survivors of the expedition, unknown to them, carried the soci of death back to the parest planet. Alkmwn diseases had long since been eradicated from

*The decimal amounts to nearly seven manages. The Marthan, being unawars of our system of monuncing time were compelled to adopt this method of conveying the time interval on its. The greatm is used a great that is a had hererofore been encountered. This did not

of their calibre could not stand by and see all that they had gained lost without a struggle. To the evertasting credit of those heroes of the past, let st be said that the loss was small and the Martians of they hold. Picture, if you will, the problem before the high adrals held by the vanished Martian com-

losing its water supply and that the first thing to do was to continue the corrange of the vast works A century later saw the planet's population in-

the water conservation system; in many places though, perfect had played its part in rendering The sound system, that had been developed before the estudyem, held steadfast throughout the greatest

of eleminating all who would or could not work were continually ruraced with the problem discov-

which was akin to leprosy. From that time their It will be of murrest to my readers. I think, to record here the report we received on the reception of our first signals. The first receives we had trained on was one located in the Solts Lacus royion. the time there would correspond to about 2 P. M. here. This particular receiver was located in an broken by the mellow sound of the alarm, followed a few moments later by a second. Immediately the suppressed excitement, the Earth had awakened

last. The direction indicators that were at once applied, gave them the position of our transmitter a building they had always suspected of being an observators. A few minutes later the second rethe first, was received I was somewhat surprised at the fact that the

Martings adouted showing excrement at the reautomatons and this state was looked meen by them with horror; only the undesirable had been they asked us to call them the following night as there was an important problem under discussion

THE following pirts the sky cleared about sieven o'clock much to our relief, and re-

mained clear throughout the rest of the night Fifteen minutes after our culture surnal had been through, I heard Hargraves exclaim, "Good Lord" and then relaces into allence. Imagine my curiosity! The message ceased and Hargaves turned to me with the question, "How world you like a trip to Mars?

"Are you joking?" I asked in assumment "No, I san not," he replied "The opportunity is offered to us. Do you accent?" "Of course I accept " I answered at once "How

"I'll tell you later, if you are sure you want to po We can take two others sleep with an I am

With that he turned to the keyboard and In a few minutes the Marters signals commenced

solving some of our individual problems

inven't actually sent out all that stuff, have you?"
"No need to," was his reply. "We are going there to find things out first hand,"

"In about fifteen days," Hargraves informed me.
"Listen to this." I sat on the steps of the observ-

min to follower.

The confirmed with a small be the best method of learning all we can from you as well as instituted to the best method of learning all we can from you as well as instituted to you. It has been double that the best method to you. It has been double that the best method to you. It has been double that the best method you can be come and the proper place. To this effect we will not you must elf our great markets to length you must elf our great markets to length you must elf our you can have a proper place. The third core lookes we will not you then the place of the you will be the you will be the place of the you will be the place of the you will be the place of the you will be the you will b

special precursions are taken for our protection.

"The constantion of the study applyers of the two planets is easily useful, so that you will suffer no monwearcones in that respect though the pressure will have to be increased for you. We will supply you with protective overrings as what the pressure you will be protective overrings as what the pressure of the property of the protection of your below one could be presented as the property of the protection of your below one could represent you consistent of your below one could represent your one obtains these for us, let us home." (Hongrees informed them that this could have you will not you can obtain these for us, let us home." (Hongrees informed them that this could have your property of the property

"If you consent, the machine will leave here as soon at it is outgraped and shared arrive at its distinction in fifteen days' time. We desire you to be opprared by then, as it is and advisable that our entry say on the Earth any length of time. If these arrangements are smatched for you, let us know, We will externe in five minutes."

When Mars is in opposition to the Earth, the

Earth is in conjunction with the sun to observers on Mars.

At this functor Hargewes sent the message sigmitying our assent to the Marton pleas. During the interval that had to classe until our message was provided, the following come through:

was received, the following come through:
"You may women's whether we have visibed the
Earth throughout the sign that have passed since
I have found the conditions not rip for easy attempt
to commendate with vom Construmino and terms
to commendate with vom Construmino and terms
dough gast ago, our year being equal to 650 of visiv
duys, 660 of corr, since then, however, you have
covidently and explay progress. The rigidity of
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vocated the construction of the progress of the rigidity
vocated the rigidity of the rigidity of
vocated the rigidity of the rigidity of
vocated the rigidity of the rigidity of
vocated the rigidity of
vocated

Then come a hirf pame followed by:

"Your acceptance of our offer is hear received.

It will be as well for you to progree a store of green.

It will be as well for you to progree a store of green.

It will be a seed for you to progree a store of green.

In case you have personally supplies, we will give to be a seed of your observation, unless you inform to that a fault on the worse of the fundables by one seed of your observation, unless you inform to that a fault on the worse, which you have seed to progree of your observation, and have given the careful query as facility to progree on bound the careful query as facility to progree or bound the careful query as facility to turn of the careful query as facility to turn of the careful query as facility to turn of the careful query and the careful query as a facility to the careful query and the careful query as a facility to the careful query and the careful q

citing and profitable voyage to this parent planet of years."
"Well, old man, what do you think of that?" said Haugraves, as he concluded reading the

"I don't know what to think of it," I replied. "It seems more like a dream than reality. Fit before it to be true when the Martians arrive."

"I feel semewhat fike that myself," said my common." It does seem too remarkable to be true.

However, I gives we had better send a swire to Washington for those books, if they are to be been in time. We have planty to do before we leave Now, then, who are to be the other two that well excessively all the to take my swife along. I am some "It would like to too," I said. "We should take a site would like to too," I said. "We should take a

member of the gendler sex along with us, anyhow, don't you think so?"
"Of course, she must come along with us," was Hangrave's common "Who else?"
"Nay That is up to you," I replied, "I suppose that one of the Washington people should go. They made this there would be.

that one of the Washington people should go. They made this thing possible."

"I think that I will leave it to Smythe to select the fourth member. I'll wise hear right away," said Hargraves.

The following days kept us basily employed, for there were many organizations to be made. My wife

ingly medial to na. The books attentif from Whishington with a day to spare. There were nine large crates of them. I wonskred if there would be room for them at in the space figure. So service the himself. He decided to accordancy us as soon as he read Hargarwe's talegram. He had taken the greatless interest in Hargarwe's work and read the allowed the space of the space of the space of the himself. He decided to accordancy as a soon as the read Hargarwe's talegram. He had taken the greatless interest in Hargarwe's work and read the Manny could. He would be an exceedancy or all harry could. He would be an exceedancy or all

CHAPTER I

ATURALLY we were all on the qui eite on the day that the Martinas were expected and severe before Authorities of the control o

suray. It was traveling at a high rate of speedabout two hundred and fifty miles an hour. I sudged about two financed and abot along to the dock, where had been directed. Lucially, the dock, which befaces when in the our. It had the familiar rudder

the machine to the dock, declosing a figure which armor. He was a great, fully nine feet tall and, if one could judge from his protecting armor, with a bend was broad and high, and his bend was crowned

What the weatheren thought. I do not know, but it beard a gasp and a "Lor' lumme" from him. We

our effects were on board and we followed.

swarer to behind us. The stace was half full of this alley and we were directed into one of them As we entered, there came a rushing sound and the machine begun to plough alowly through the water. of the water dropping rapidly away from us. We

cover normal that durant hills. Ever climbing at a

So prest was our nace that the land many miles murnur. Gradually, even this faint sound foded out as we passed beyond the limits of the earth's envelone and the familiar bine of the sicy pays way

The cable was now brilliantly lighted by circular which the source of heht was hidden. This illuminathen was now necessary, for the define light which

on the forward buildend of the calm, which shot a faint light on the calon I am afraid that the impression we had given our

After reading it, he took a small box from his helt where it harm, and connected a tole, leading from for a few moments. The voice, though muffled by the casiny, seemed soft and melodious. After he from the box, where it had gradually jerked into view as he spoke, and handed it to Harryway.

rudeness in neglecting our host the way we did, and about it. His note goes on to explain that the covering he wears is to neptect him from the danger of contracting disease, as well as to protect his body from the pressure of the air in the sonce fiver. accustomed to. We will be required to wear somewhat similar state when we go into other nexts of to our use; there are two sleeping chambers coposite and the calin is next to this. He will now see about storing our feed supplies, if one of us will gu

My sufficient I retired with the skinner after Hargraves had "introduced" us. In the next calin were uniting-an endothermy reaction. Arrangements mon complex of these reactions are; The heating of a mixture of unstaked lime and water, which is hyposulphite (the photographers' "hypo") and water-endothermic. We spent the better part of an hour remolerance our food supplies to the food to declerate weather of the man chills.

Do Stephte asked the commender foot information. The Stephte asked the commender foot information once in the lander of the stephen register. Our stephen register, the stephen register, the stephen register. Our stephen register, the stephen register is the stephen register, the stephen register is the stephen register, the stephen register is the stephen register, the stephen register is the stephen register, and the stephen register is the stephen register.

constortably.

These sures were much blee divers' usins, which Eleman was enhanced by the globalus related which were shown to carried the air state where shown how to carried the air after and the pressure adjustments. We then followed our good forward airo, a seal chamber on the walts of which forward airo, a seal chamber on the walts of which had, and here the pressure was reduced to that of the other compensations. The fair was stringed and the other compensations. The fair was stringed and

lock, and here the pressure was rethered to that of the other compartments. The sir was sterilucid and our suts were speayed. Truly the Martinia were taking no chance, nor could we blame them, when we remembered the billions of bacilli that were in our system or Jurked in our clothing. After the lapse of a couple of minutes, a second

door was opened and we entired a large room about the control of t

we stood, with a smile of welcome upon the features; then, turning to his superior, who was releving himself of his amore, took the automatic writer from hum and dentated into the manifestor fee a few moments; then held out the sheet. Dr. Sernite took it and read atool for our benefit, it can be avail source, we of the opportunity of having the mechanism of the crite resolution. This was

accepted with absently and the second giant thru took to in citary.

These comportance, and the one directly below is, contained the power plant of the space filter. The central cyfunder was the mixing charaker in which the chemical tred of the craft was forced by infectors. The first was in the solid form and was probreated before going to the injectors. On distincture, it explodes sportaneously and the resulting gases were feel forward and aft by the two piges we

was guided when in source—the jest of intransassem gas proceding the mediane as a rocker in proposite about. The tubes and combuston chunder were concised with intending pickets to proceed under loss of bots—thest being synonymous with categy in a boot captur. The pressure not be consultation chanted was of the order of tritten humbred samospheres under the consultation of the consultation chanter was of the order of tritten humbred samospheres under the consultation of the consultation of the tube of the consultation of the consultation of the unit in the temperature change dold outgress aboutly, which by autemation of 20° gives the Contiguide temperature of ASOT degrees.

The first Martian now joined us, attired in the were now led through the central door in the bulkhead to the forement connectriment—the control of the same fine type as the others, but with slightly of what appeared to be the eve-end of a telescope. nose of the eraft gave the palot a clear view of the heavens ahead of him. Above the control cabin refracting telescope. When passing through the accounts for our not borne soon it. The focal leasth of the lens, which was over eight feet in muror which reflected the converging beam back again to a point sust ahead of the otles, where anneces. This hage instrument was necessary in order that the pelot might avoid any small bodies in soater. were too small to damage the craft. Several times flashes of light on the transparent nose-cap, due to the respect of small particles of matter. This nosecap was seade of one of the tourbest and hardest substances known to the Marrians, so bard that it was worked only with the greatest difficulty. Objects to be made of it were usually east into abuse. to avoid machining. The components of the great kins over our heads were made of the same material.

described to a find the two vollades interestions of takenydescribed to at. An all septer influence, successed ally corrosced for varying doubtes of the attraction of the a

entre ristale. One of two prejugger-like arrange-

though of different densities, in order that the lens might be achromatic.

In front of the pilot was a semi-circular dashmean proposed as image of the sun upon the lie of a perturnous of very high resolving process. One of a perturnous of very high resolving process, the best before the country with the his abilitied one way or the other, the earn of country with the his abilitied one way or the other, the care of contrast of the country of the country

performed.

On returning to our own quarters we were shown how so operate the sile bod, so that we orisid own how so operate the sile bod, so that we orisid own the second of the secon

one, the moon, to the right of and Seyand 2.

The med alimatical, we returned to the pitel exists
to find the fourth and last monder of the courtes
to find the fourth and last monder of the courtes
then we remained, humilier more about the strange
entit and to openion. The un anapyly, we learned,
entit and to openion. The un anapyly, we learned,
entit and the openion of the strange of the remained with the are passed through the filter,
which it, did every five minutes, as that openion was
contamally in spersion. For handing, the find of
a bydroplate; it was also quipped with whech
at disappeared into recogne in the full, and the
the disappeared into recogne in the full, and the

our earthy "suphthems."

When we retted, a gul of half-a-million miles had widened between us and the earth, which now appeared as a criticare twice the saw the more presents as excellent the earth. Cyanius hereif was visule, now but a third of the familiar half was visule, now but a third of the familiar half was repeated to the left-an flaming of the control of the property of the left-an flaming of the control of the co

mote in negation the western lends. To complete a rather sketched stoom the arrangetion of the steeping quantum. The body, condented the steeping quantum. The body, condented the steeping quantum. The body, condensating in a frame in such in manner as to always a remain barlesonal; below them were cupbants, in which we could keep our message personal effects, which we could keep our message personal effects and supported to the steep in the message in the steep supported to weare the body with the steep in the steep of the supported to weare the steep in the steep of the stee

CHAPTER

CHAPTER V

HE following day, according to our reckoning, found us searly two million miles on our
way. I was caught manuface on available.

in hed as is my wont, only so precipitate myself from the bed until I came into contact with what had been the forward buildeed, but which now appeared to be the critics. It took we some fittle time to get used so this new state of affairs, and many amoung finth herdents book plane before we because accustomed to the rapidly vanishing effects of greens.

of gristly.

Day after day went by unaventrully, and during this time Hargraves and Smythe set to work to maker the process largeage of the Martines, which maker the pulson largeage of the Martines with set carelyes the same task and weeked it it anothly set carelyes the same task and weeked it it anothly set that the weak of the same task and weeked it is sufficient to this before we arrived at our detentation, we could make curreless understood. The language on but there are no confining "ecceptions" and the verbs are as single to assume, as we the written cans that I am a surface as a maker, as are the written cans that I am a single as a maker, as are the written cans that I am.

We spent must of our time in the centrel cable as we neared our destination and watched the surface features of the moley planet unfold as its desunce features of the moley planet unfold as its desunce features of the moley planet unfold as its desunce and accordance of the moley consideration of the surface was sorn to canal take a specie web to the planet's surface, then another and another and another surface was sorn to cannot be sufficiently another than the surface was sorn to the day before our arrival, we were started to see healthmat icus of share short should only in They

De covered with an unrescele network of them.

Con the day before our arrival, we were stand-toCon the day before our arrival, we were stand-tothe day before the control, we were stand-towere from the retaining notates which the pilot has
opposed. Altron out once the bose of the machine became its Boor. For the post few days there had
been no up or down to me; now, with user negative
acceleration, the direction in which the eraft was
the day of the day of the day of the day of the
Bestite of our supercessed excitiment, we show

an spit of the registeries electricises, we stay to plant a lung disk slightly to one side of our path. The thou of the jets was increased from time to time as we meared our goal. Our plant has thou of the jets was increased from time to time special and thirecting the craft so that it would strike a special so that the special strike the strike of the world of the plant. He will carry the resolution to the plant like another satellite in a circular cele, if all power were cut off.

As we meated the planet, its features became more and more resolved, and I was interestly interested in noting the development of details, which I had observed from the Earth as only the most voguely defined apoets or blurs.

We struck the outpost of the atmosphere over the numbers point of the Styrth Magor, the green "Hour Ghas Sea," which Hwygens had drawn three marked years ago. Eastward we sweet, ever nearing the phone's surface until, when over the region we call Elysteem, the Trivium Charcettis, a vesticable junction of casala, appeared on the buriton. The Lunn Travage of the Trivium was our ob-

jective and over this we glided in a great spiral, the "coast" becoming a tessalated region, centred by a vast elsy bernath our feet. In a coaple of nitrates we were sleaming the roofs of that city, then, as a vast pile ionned alread of us, there was a slight jut and the machine was rolling alreag a amonth ramaway. We had larded on one of the

gilleries of a huge pyromidel building.

A port below the wings was opened as the machine came to rest and the commander of the expedition stepped out, bedeening us to follow. There were no crowds to meet us—only a single Martini came forward from a large doorway as we allefated. We

were handed over to this necessary with the advice that we were to go to the official welcome. Led by the gridd, we entered the doorway into a small chamber. On our curiouse, he presed one of a root of mathered switches and the chamber glidd smoothly away. In a moment of two it simpole and we suspept our min a large, well-dighted room, whose windows looked our one one of the broad gallering the building. The diminished saw was shaining through the windows and in the casy of its dimining through the windows and in the casy of its

supporting turnings after retway the farm.

As we entered, he arose and willed over to greet
us, welcoming us on behalf of the peoply of Mass,
we control to the control of the control of the control
provided for us, his from the control of the control
some substance that gluttered with all the colors
of the rainflow. Thus plate was set verteably in a
punel of arctima and around it were arranged a
set of reflectors of purabolic ferm with time calle

set of reflectors of parabolic form with tiny coils of wire in their foci.

"I am now going to introduce you to the people of this planet," said our host. "This instrument trans-sits both the sound of the voice and an image of anything placed before it. In this way all may

on the carth."

Hargawas "did the borons," telling the Marian our occupations as well as our rannes, and finished by between bornel brender. In Supplie added that one occupations are with the conclusion of this creaming sur host public our a small lough that projected from the panel. The financian in the reference of the control of th

"Chiness of Mars," he began, 'we are able, for the first time, to welcome to their parent planet, four of the descendants of that ill laded expedition of the descendants of that ill laded expedition gas, 'yell' have been El rows, 'in making, their says, which must necessarily be about, as is, gas, 'yell' have been El rows, 'in making, which they call the earth, with the seeds of the great which they call the earth, with the seeds of the great with the part of the entry of the control of the great these calls are the seed of the great will not be long before the three meets of the earthele them are many. I am told-world become as

"One proofs size: Dr. Suprise—the elic Theorie indicating that the has attained as high degree of learning in some special department of knowledge, as his case Archaeology; (Dr. Smythe had riese in his case Archaeology; (Dr. Smythe had riese archaeology) and the proposes, another articles of the filter proposes, another articles of the elicity of the proposes of the articles of the elicity of the elicity

distinction of being the only woman member of the expedition.
"Each of our greats will now speak to you briefly, for they have gained some knowledge of our language on their journey here."

Our regies were sizes and to the point, expressing our gratuate to the Maxima poole for the great privilege that had been accorded us and eshoring the hope that we should see the chacked conditionable that the should be the chacked conditionable that the perfect awarm that had been so well tried and proved on Mars. We acknowledged our great inferency and hoped that they would to the protest with us and that they would to the condition with us and that they would to the protest with us and that they would to the protest with us and that they would to the protest inference and the protest with the store of books, who we would be provided with the protest which the present would be provided with the present when the present would be provided with the present when the present would be provided with the present when the present would be provided with the present would be provided with the provided

stee planut with the store of loceda, which we hold becought with the hope that their persual would becought with the hope that their persual would be the property of the steep of the steep of the understanding such a sewinder that the steep pickity with a lack of system, as existed on the Earth.

At the conclusion of the simple correctory, our host outlined the social system of the Mutrans to us: the property of the social system of Mars showed their strategies are the youth of Mars showed their

lines. On the completion of the training, they were than it was shown that the branch could absorb until their period of service ended. The period of service valed with the responsibility of the office. of the community was provided with the necessities of life, according to the needs of his family. A state credit was also gives, which allowed him to include in the luxuries the planet afforded. So highly de-veloped were the Martinas that they did not need supervising; each man lonew his duty and it was done to the best of his ability; no shirkers were . present, nor had there been any for many ages. It must not be thought that it was four of runshment that he was part of a smoothly working machine and that it was only by the co-ordination of the whole that he could live and enjoy the benefits the system gave him and his millions of companions. necessity arising for the united efforts of the planet in the conservation of its water supply, as Lowell suspected and pointed out in his "Mars and Its Canals," Let me quote ham:

Canada and the state of the sta

at one Difference of policy on the question of the all-important water supply means nothing short of death. Isolated communities cannot there be sufficient unto themselves; they must combine to solidar-

The social and conomic standary of every member of the community was the same. The beth rate of the planer was stabilized in order to keep the population well within the limiting number which

pepulseien well within the limiting number white he planet cold support, two three children being the number allowed each couple. Low not user, the race. Before making, the applicance were subjected to the most repress tests before the undeed, was it necessary for the applicants to the refused the was it necessary for the applicants to the refused this privilege and, cose mode, never was a winter dissertance.

school. The tests, which were psychological and physical, showed inhibibly whether the union would be austicatory or not. Marringt node place at what we would consider an early age-out soon as left members of the writes were muture, which ecersponded to an age of eighteen to treaty. The sponded to an age of eighteen to treaty. The women were as active members to the placet secnomic life as were the most, they held the sense offices and incurred the same responsibilities, the

officer and incurred the same responsibilities, the only difference being that it must not usual few them most only difference being the time and the them no longer as soon of them, for the cuty trunning was extrasted to the moders. The observery of the same against the same that the same that the many contracts the same that the same that as age of insertent hundred years not being uncomrows. Sixthess was unknown to deem out age coming upon them, at was usual to go to one of the same instrudence where they were suitlened your that the same that same that the same that the same that same same that same that

On the conclusion of this coultie, our host, who, we bound their, was to be an personner than the we bound their, was to be as personner than the of the was pile, which defended the "Capital" of the base, where the agasters which we were to occupy beautiful to the conclusion of the conception to being the air was not exclusion, without the compression to being the air was not exclusion. It was the conception to the conception to the conception, the major through the conception, the major through the conception to the conception that the through the conception that the

where we had been alked to undergo an examine and a comment of seriestics. One must finated, South's even to the wall, tenned in trade for the court of the wall, tenned in tradector as he were ready. Demonstrate as the passed out into the gallery through the ser-loot, as directed. In a seriestic little was tradector to the gallery, through the ser-loot, as directed. In a seriestic little was typeding along the seriestic little was repetited by the seriestic little was the passed out to the seriestic little was would like the of these was convented the systems which like the or these was convented the systems which like the or the seriestic little was the solid like the seriestic little was to which like the seriestic little was the solid little to the seriestic little was the which like the seriestic little was the solid little was the seriestic little was the which little the seriestic little was the seriestic little was the way that the seriestic little was the serie

on two nais that were reguly attrached to the framework of the mathematics over our bruch. The source of our of the mathematics of the mathematics

the driving and lifting mechanism. The latter con-

toined many heavy cods of wire, in a case surported

At my request, Flargraves inquired if the Mentan had ned discovered his to transmit power by wireless. They had, long ago, was the answer, but in efficiency return readed a very high standard, so abaseloned, as soon as they discovered the source of power they now med, which was practically one handled per cent of the former.

They cent of the former.

We note from the Success as the operator strates the contines, then half a mine above the city which shore time, then half a mine above the city which shore with wede-ful benity as the afternoon nun hexugalout the held but heautiful color achieves of the architecture. Continuing his description of the flyes and its operation, our pilot informed as that the calling of the mechane was limited—above sever time that was the reason according type half been devel-

In a very bleet train we arrived at our destination, covering the twenty-old unise that separate the two bubbings in four or five missaes. Alghings on cost of the very spenning platfies, we were conused to the second of th

which is the right of the sector were districted in witnesses where it could not beight to guaraate a piece of apparatus I and recognize—a simple correctly primary to the table, which the correctly could be such as the table, which the correctly could be such as the table, which the table in a greening drow and on the screen before me their apparatus and image of my faper as senfrench the frent. Suddenly, the chest of my protecting was seemed to be allied town in the Rigue, then

trem the treen. Sugarthey are created in by principle in the figure, then the flesh appeared, just as though a vertical also had been made through my clothing. Gradually, the section plane cut deeper and deeper anto my body until the large, heart and soomech were shown in section. It was a weird feeling to see consoil perturyed them, and it was all I could do to remain

To come for section of the common term of the commo

could see with them I was conducted back to where Smythe and my write were waiting. "I thought you were never confing," said my write. "What have they been doing with you? I told her, while that I had not have none for more

"Ten ministed! Look at your watch?" do er setted. Looked at you set watch, which I had sengued outside the and I were, I had does gove over seatment. I found severn marks that beliefed like oil erarches on my body. Ye I had never fell with substantiant of the operations that he will be a sent to be a set of the substantiant of the operations that he weren'd chartening symptoms that I had had for some time before never bothered me again. What sungery! I had been stripped, operated upon me me that had been on the table.

After a few minutes Hargraves appeared and was equally surjected to find how long he had been smoler that wonderful amounted:. He, too, had "andergone repairs," as he called it.

degions regular, a las called ac, or find that it was under the court of a mother light. The President having lind in incortant cell during our view to having lind in incortant cell during our view to who had viousered to increast the electrician so during our vait. We were more thin an hour in reregion of the control of mone of Mers. To an observer from the earth, decome of Man person supprised queller, the prepose of the person of the person of the person of the person of the seven to the milateless of the costs. Yet have a Mers we wanted better many and takes in above 70. 300m, it worms fortution of the person of the performance of the person of the person of the performance of the person of the person of the performance of the person of the person of the perton of the person of the person of the perton of the person of the person of the perton of the person of the person of the perton of the person of the person of the perton of the person of the person of the perton of the person of the person of the perton of the person of the person of the perton of the person of the person of the perton of the person of the person of the perton of the person of the person of the perton of the person of the person of the perton of the person of the person of the perton of the person of the person of the perton of the person of the person of the perton of the person of the person of the perton of the person of the perpendicular of the person of the person of the person of the perpendicular of the person of the person of the person of the perpendicular of the person of

While we set there watching the shades of evering sweep over the edy, there came an alarm from the numerical state and the heart the President's voice asking to see us. He entered through the sir-hole a menute later and seated himself at the window where we were grouped. He said:

"I the could not the distance in whome and the could not t

"From new until the end of your stay, you will be shown all that we can show you of this plenet, and ample fredities will be given you for each to study that part which interests him most. On your return, you will be seconspanied by four other unschines.

in which produces the control arterials with the control of all the Monthaus, as he controlled. I wendered, as I good out over the city, which was now it as beighty as they, how large it would be before we would become, now large it would be before we would become, now large it would be before we would be come, how large it would be before we would all be sink to treat extractors which were as inference to no we ment be to the Mortisan which were as inference to no we ment be to the Mortisan with such indirects and with an appearent lack of conductations and no provide the control of the control of

HAPTER VI

way of the photo.

The control of the photo of the photo

oly of the different fertilizers which were supplied to the "digostors"

On leaving the machine, the soil was stored in the secure was completed by seeding end refling. The work was correct on the year digits at the size of over three square relies a day for each machine, themsends of machines being copped in the task.

Leveng the enhances being copped in the task.

Leveng the enhances, we heated towards the Emission, from the past where F. Deaves the vedge of the Aquee Caladas, for several hardered rilles, crossing Episium and narroung "Donne" as the may was setting, used and hungry, for we had caled the control of the control

deed good to ten miles on other side of the general tree understand applicate. In this case may be predicted, the side of the larger aments, learning purpless convey the profession of the properties of the properties of the properties of the eyes are for other early of a good an attempter, and the eyes are for other early of a good an attempter, and the eyes are the side of the properties of the eyes and the consistency of the eyes and the eyes and the eyes attempted to the eyes and the eyes attempted to the eyes attempted to the eyes attempted to the eyes attempted to the eyes attempted of the eyester. We sould it was state the challenged of the eyester attempted to the eyester and the eyester and the winning muttal quality and they distract proton containing m

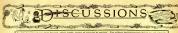
The dark site, thereigh our reverse country was conclusion. The dark site of the conclusion to the conclusion to the conception of the conlusion of the contraction of the contrac

reger was fish by all of us, so much had the invaried beauty of the Marienta ticken hold of us, and we fit that we were leaving a personse. The one consoling thingelf was, that we went not returning above, but with friends who, we felt such would soon be well than would begin to approach the ideal we had wheneved. The control of the bids of the latter went than the control of the bids we had wheneved.

of our return voyage or the surprise of the world by the return of the Martians. The press has blazed with bradianes, capping articles that in many cases contained not a grain of truth, and it has only been with difficulty that the little community we have hard to be a four four food from foods careful. who think they can match their minute brains against

world rest assured; there will be no audden upheaval, the ideal system, stand in awe of the millerium that

THE END



A NUMBER OF PAYORABLE COMMENTS

Baron Münchhausen's Scientific Adventures

By HUGO GERNSBACK

dicted the existence of a new planet, Neptune, which no one had ever seen before.*

"The Martian that I was applying at, who was searning nearest to time, was between agift and rife feet tall, a verticable pinet. He had an suncessy head with a straight formhead, at least tween maches high. His light hime eyes were about two inches and animeter and placed close together: mercover, they had a surveduosty intelligent, as well as facen book in them, may be a surveduosty intelligent, as well as facen book in them, may be a surveduo of the survey o

"The long this inco was crosmous, but harmsoned will wish he rest of the fact; the complection was accompletely the complete the control of the large ears should will be completely the complete the inside terror to exercise in. (Nowever, which cought my eye particularly was the surange 'cape' all Martins wave. These caps looked as it they were mode of a Boshile steal. From their back daughed with I thought on the inside the control of the surange 'cape'. We were the control of the surange 'cape' and the control of the control of the surange 'cape' and 'cape' and

"The class, or risher the torso of the Martians, was samply out of all preportion to the rest of the body. It was enormous, and made him look strangely to the the look of the look strangely as side his legs. His hands had each two thirmlood and four flagers, the extra thumb being between the thumb and index flager, as compared to the humas had, but hand shall was very small; in face, it

educed in a sect of thrase, such as our young boys wear on Earth. The trousers tooked like kenders, account that they extended down to the asides. While we were still gazing engatured at these "While we were still gazing engatured at these crange, assuredous beings, we auddenly because concious that our brains were being filled with a wonderful sort of masie when sortend to originate inside deful sort of masie when sortend to originate inside coner of which was formed by Souriere's. At time one and we now perceived a colosed, bewildering seemed to turn around skewly on its axis. When the proderous portlas, measuring at least 200 feet in height, had sweng around so that they perinnel in our direction, the structure crossed revolving. Immedinatly the pertial slift lists and not stepped a distribution of the structure of the perinnel in our harden and the structure crossed by the pertial slift lists and not stepped in disbutions.

"M. a genture, two Marians stepped toward us and, siding off our headgar, replaced them with the rolt metallic caps. By this time the distriguished healing Marian had force up of once to us and sood atill, only five feet sway. He next placed the tips we took to be a table. We hattested to response to the role of the same three executed the mixtus poorly, for a fair, marker summed same fitted over the rivownah features of the suggest Marians. These he turned award and concentrations had been desired.

oweg and or economy.

"Well, Aber, my boy. I guess the telegraphone were smart be almost full by this tune. So I guess I well have to close for totaly. Now don't forget to listen to tonor-tow might, for there's a lot to be said about this wounderful plant. Good-neght.

"A low, rhythmes harm for a few seconds, then click offer-fact-fact-field field, a moretime smeath and

click, click-telsk-telsk, click, a snapping sound and the ether between the Moon and old mother Earth was undisturbed once mare.

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