A new theory that the victims of the Bizck Hole of Calcutta died from heat stroke and not of asphyxla was advanced by Professor J. Barcroft, Professor of Physiology at Cambridge, in a lecture before the Research Defense Society in London.

One of the greatest living authorities on respiration, Professor Barcrott has often risked his life while carrying out his experiments. On one occasion during the war, when there was a dispute among scientists ed at a travel bureau. In that way she laughingly put it, to paint Paris red. as to efficacy of prussic acid gas in meets John Christopher Fellowes, going warfare, he went with a dog into a to Paris and Monte Carlo. chamber filed with the gas. The ani- her job, but at the same time ma! was dead within 1 minutes 35 Paula Carmichael staying at the hotel they had been so much together. seconds but Mr. Barcroft walked out prises her by telling her that she is unscatted

Professor Bureroft, who is a meniber of the Chemical Warfare Sylvia goes on a shopping orgy in Paris Cormittee of the War Office, referSylvia dress for her first big party in red to the problem of the protection Paris. Sylvia feels Florrie has a deof Lendon from air raids.

"(ine possible procedure," he con- Fellowes. timied, "would be to have subterranean rooms in which the essential services could be carried on, and I was the problem at all. It made John asked hew man; persons could, in an Christopher appear such a different extreme case, work in an unventilated kind of man from what she had imaroom of a certain size. The first is gined him, darkened him with shadsue was this, if a certain number of ows of suspicton which, somehow, people are in a closed room, what is she could not feel he deserved. the esceptial factor which will reduce Strangely, even after what she had the quality of their work? In a small just neard, she could not resist beway it is the same problem as that ing stirred by that attraction for him of what killed the people in the Black which she had experienced from the Hole of Calcutta

"History has always assumed that than the walls of the room can carry it happened, anshow, Tony was care fatally.' -London Daily Tele ing's amusement. graph.

See Bouncing Of Lightning

Pittsfield, Mass.-Photos of stroke of lightning, which bounced up and down ten times between the eart and a cloud, although to the eye it seemed a single flash, were made public recently

The lightning was caught in storm here this month by a camera film travelling a mile a minute and operated by General Electric engin-

The first stroke was down, fairly bright, and considerably forked. I appeared to grease a pathway in the air for what followed. This "grease" was ionization, a chain of air particles reaching from cloud to earth, all so highly electrified that they probably made an air column more conducive than the best copper wire.

For a millionth of a second after the first stroke the film was dark. Then down the ionized airway a thin dart of electricity shot from cloud to ground. As it faded a streak of fire shot upward, a tremendously heavy stroke travelling from the ground to the cloud.

The downward darts travelled at speeds ranging from about 2800 miles a second up to around 7500 miles. The big upward strokes showed speeds of 14000 up to 23000 miles a second.

The light downward strokes are called "leaders." Whether they are real darts or just long thin lines of electricity is in doubt. The picture evidence at present indicates they are more dartlike than anything else.

Deceiving the

On a neighboring estate the pheasants have been exaggerating an old but not a frequent eccentricity, of

The partridges, which, both male stanceand temale, are among the best parents within the kingdom of birds, will on occasion scratch cut or kick out the interloper's eggs; and in any event the partridge, not the pheasant, will take possession in brooding time.

Why the birds should double up in this way when sites are innumerable and no nest is built passes comprehension.

The partridge may be aware of the difference between its own eggs and the larger eggs of the pheasant; but the nest-egg quite deceives it. This maybe tell 'em to slow down ed, fenders crushed-driver year several score of partridge nests made by road or path-side have been a bit. That's how I came to be stunned and bleeding, his found and robbed of the eggs for which imitations are substituted.

The real eggs are set under hens, and as soon as they begin to chip came, two minutes later. they are hurriedly restored to the real parent. By this device which has greatly increased the stock of partridges, the birds run the minimum down through the village? risk of being disturbed by man or

secure the brood against most of the cangers that threaten the eggs in the

Black Hole Victims - WINGS OF FORTUNE

LESLIE BERESFORD

BYNOPSIS

Because of poor business Sylvia loses Massingham. Accompanied by Paula and

finite-dislike for her. Paula warns her of fortune seekers. She meet: John

Sylvia simply could not understand very first moment she had seen him.

Perhaps that was why, although they died of aspliyata. Modern views sorely tempted to tell Paula and Tony of ventilation and point in a different of that Malchester meeting, as well as direction, namely, that they died of what had passed between John Chrisheat stroke. If there is no through topher and herself this evening, somecurrent and the amount of heat pro thing urged her so strongly to keep dured by persons in a room is greater her own counsel that she did so. As away, the temperature of the inhabi- | xlous for them !; get away from the tants must rise, and in the extreme botel at once and begin their even-

appointing opening to her first night in Paris She resolved to dismiss dancing. John Christopher entirely from her mind when the three of them were

The RAYMORE

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Atlantic City

Sylvia Darnley, an orphan is employ- the lively, arc-lit streets, as Tony away in Malchester."

Tony, as a matter of fact, had rather grown on Sylvia in the short time

together, not at all a man whom a mured in her ear. girl would be wise to trust any further than she could see. And even were saying my good fortune is all after he and Pan's had told her of her wrong?" good fortune, she had at first been inclined to avoid him as much as

self wrong in this attitude, felt ash- der clasp. amed of it, and quickly begun to resperhaps even because she wanted so towards Tony.

In a way, reckless of mood, she even encouraged him. When their with you, of course. What else?" hands touched accidentally, for instance, while they were watching a laughed softly. sparkling revue from a box at the Folies Bergeres, she allowed him to Sylvia was only too delighted to him unchecked slip his arm round her divert her thoughts from this dis-slender waist as they left the box to go on elsewhere for supper and

He was a wonderful dancer, a perfect partner, and she lost all sense of realities as she moved, with a delightful rhythm to his will, with a the music and the romantic loveliness amid coloured lights and a throng of more or less impossible?" whispering, murmuring couples.

slowly to an alcove where Paula was chatting to a little party of friends me."



PAGE REOM MYDIARY by P.C.2

Partridge kind of disease'-"speeditis" dog ran out right in front. I serves the London Spectator. Not Like hiccoughs only it's a off the road—I heard a woin partridge nests along with the sight more serious. For in- man scream and the dog's last

> Two days ago, about teatime, a big car sailed past me this side of Jonesville. Had a clear road all right, but they were hopping to it thought I'd check up, right there when the crash wife in hysterics. And a poor

Did that foolish driver slow The courage and skill of the parents when once the chicks are born right on as though the place

. . .

It's a mystery to me why wasn't there. And right by want to be unhappy to-night, or some men can't take their the cross-roads in the middle foot off the accelerator once of the village it happened. her waist. "Nor are you going to be, in a while. I suppose it's some Old man Higgins' big police I've been talking, dear It's like my I'd call it-and it takes a real heard the brakes go on then shock of some sort to cure it. - the car almost lifted itself shriek-the car wobbled for a second as it went over the poor tyke, and then it struck the post in front of the store.

second—and what a mess! and Radiator and bumper smashold dog dead in the road.

> Why can't people slow down going through towns and villages? You tell me.

Well-I'll be seeing you.

1 1 ... 1 -

they had folded nimost as soon as they camo here.

"What's all wrong, lony?" Sylvia smiled up at him questioningly, languorous from the effects of dancing. thinking that Tony really was almost too terribly handsome for words.

"This infernal fortune of yours," he said, almost ravagely.

"Oh I think it's just lovely!" she laughed. "I was only just telling myself what a wanderful thing money is. It makes life really worth living. Look where it's brought me. Think whirled in a luxerious car through what I'd have been doing to-night

"And what would that have been?" "Fast asleep long since!" Sylvia decided after a glance at a lovely gem-studded wrist-watch she had heiress to a fortune by her uncle. Luke him, from the other side of the travel- should have gone to bea at ten o'clock bureau counter at Malchester, she had well in the dumps, with three out of thought Tony the kind of man for my seven days' notice gone, and star-

> "So that I can claim to have helped He had struck her as too fast al- you out of a nightmare?" Tony mur-

> > "And yet," she reminded him, "you

"From my point of view, it most certainly is........" He drew her aside into a shadowe: niche, her hands But she had gradually believed her- suddenly drawn into his with a ten-

"Don't you know that you're lovely, pond to the brotherly care he had ravishingly lovely" he was saying taken of her, the attentions he lavish- emotionally. "And a fellow like myed on her. To-night, in her disap- self-well, can't you see what a terpointment over John Christopher, rible temptation it must be to me?"

"Temptation?" She looked up at much to forget all about him, she re- him, knowing quite well what he laxed more than ever in her manner meant, daring him all the same with her winsome smile.

"To fall madly, hepelessly in love "All-in scarcely three days?" she

"Give me a chance!" he said. "Don't forget that I'd really known clasp her fingers and hold them, let you longer than that, my dear. What about the first visit Paula and I paid to Malchester?"

"And Paula said that no girl was safe from you in London, Tony, don't forget!" she reminded him. "I'm afraid you're one of that sort, Falling the processes."-Mary Baker Eddy. in love's a habit of yours-"

"Don't believe it! Paula knows betfeeling of abandon to the beauty of ter than that . Ask her. Besides, I haven't admitted falling in love with of the scene in which they whirled you, anyhow. Don't you see that it's

"Oh-why?" Sylvia asked. "Just that infernal fortune of yours, "You know it's all wrong!" she of course. It stands right in the way, other crimes of violence continue at heard Tony saying as a deliciously How can I, of all men in the world, their regular rate. They are too dreamy waltz came to an end at a let myself fall in love with you? tamiliar to be considered news. So, late hour and they were moving Everyone-even you-might think it we ask, in all good faith, who runs was only your fortune that attracted this country? We don't see how the

love with you, anyhow." "Meaning that you couldn't?" he

asked hoarsely. "I think you're awfully nice, Tony, I'm terribly grateful for all you and Faula are doing for me, giving me such a lovely time. And-as a sort of cousin-or even a kind of adopted brother, Tony dear-1 could think a tremendous lot of you-"

"And of course I'd no right at to have been saying what I have." He pressed his lips to ber hands and released them, looking so repentant that Sylvia felt a wave of resentment in herself, for her recklessness in encouraging him so foolishly.

"Don't think that, Tony!" she urged. "It makes me, unhappy. I don't think that you are-"

"Oh, I'm far from that!" laughed gaily, slipping an arm round either. Just forget all that silly rot cheek to have imagined you might think more of mo than-as you sayan adopted brother. That's the idea, and I'm more than content with it." Sylvia, as he led her to rejoin the others, was not to know that his contentment was real enough-for the time being. He bad indeed broken the ice with a tactfulness as deliberate as it was successful. He had made her think of him as a lover waiting. He knew that he did no mean to wait very long.

It was an early hour in the morning before their gay little party broke up. Sylvia was surprised to discover what time it was. But she was not in the least tired. She was wide awake and I was there almost on the supremely happy. The friends who had joined them were quite charming people. Two of them were Italians the Conte and Contessa d'Abbato, and the third was a nice-looking American named Vanderduyl, who seemed immensely rich and was staying with

> They were all, it seemed, going to Monte Carlo in the next day or so, and would be meeting there again, so the parting outside the night-club in the grey dawn was only to be a short one. Sylvia, carried back to the hotel in the warmil; and luxury of a big car, wondered whatever people in Malchester would think of her, if they could have seen her now, coming

home at such an unearthly hour. Coming home as well to such luxury as was hers at this beautiful hotel. When, after parting with Paula and Tony in the cerridor, she let herself into her sumptuous suite, with

Distinctive Quality

Fresh from the Gardens

its colour scheme of pale blue old gold, it seemed difficult to her to realise once again the kind of room with which she had so lately been obliged to feel content.

(To be continued)

Gems From Life's Scrap Book

"The eternal stars shine out as soon as it is dark enough,"-Carlyle.

"The very circumstance, which your suffering sense deems wrathful and afflictive, Love can make an angel entertained unawares.'-Mary Baker

"With every anguish of our earthly part the spirit's sight grows clearer." -Lowell.

the vine becomes from the skilful pruning of the busbandman."-Mes-

grow."-Bishop Hall.

"Whatever purities, sanctifies, and enemy, however much we suffer in

Who Rules U.S.?

The regular daily and nightly homi cides, the regular stick-ups and holdups, the regular gang shootings and decent people can claim to run "That wouldn't be very complimen. We don't ever see how the city and tary to me, would it, Tony?" she stat and national governments, can smiled up at him, smiled because she claim to run it. It the people or the did not want to take him seriously, a government did run it, do you think little afraid of her earlier reckless- for a minute that a few thousand criminals could terrorize with im "Besides," she added, under her punity "the richest and most power breath, "I mightn't have fallen in ful nation on earth?' - New York Journal.

Marke for Rayon

Mr. Sam E. Woods, commercial at- mous wax models of flies and cater- keen enough to cope with the indetache at Prague, made to the United pillars and mosquitoes which, placed terminate, mingling shades of nature. States Department of Commerce. Be in the glass cases of the entrance hall, That there are candidates who can cause of fashion changes, an enor- have served as an interest-quickenmous increase in rayon consumption ing introduction to the Museum. occurred in 1933, amounting to 5,800, 000 kilograms, as compared with only 4,000,000 kilograms in the preceding

Three rayon factories were operating during 1933, although one of these it is not quite itself; its evil, greywas forced to suspend operations toward the close of the year. The total output of these plants amounted to 3,200,000 kilograms of viscose rayon.

And He Won!

Consider the recent campaign in the incomparable state of Kansas. charge from a local madhouse. In every stump speech, he waved the documents triumphantly. "I have papers here to prove I'm not crazy," he would cry. "Can my opponent say the same?" P.S.—He got the job.— The New Yorker.

Now that she has learned how easy It is to drop eigarette ashes, many a cool and harden over central wires. wife has decided her husband may be was right in saying they are goodfor the rug and keep the moths out. -Cincinnati Enquirer.



In hot weather, stomach disorders and indigestion occur more fre-quently. Also children may play too hard. Mrs. Mary Mason, 53 Atlantic St., Halifax, N.S., says, "When the children are overtired and restless in warm weather I give them Baby's Own Tablets before retiring and in the morning they are happy, contented children". Safe even for the tiniest baby, these sweet little tablets effectively relieve colic, summer complaint, simple fever and all minos disorders. Price 250 package. 219

Dr. Williams" BABY'S OWN TABLETS

EXPERT DENIES FEMALE IS MORE DEADLY THAN MALE

Director of New York Zoological Park Says Male of the Species is More Powerful Than It's Mate

New York.-Kipling was all headstrong than their mates, he aswrong in the opinion of Dr. W. Reid | serted. Blair, when he observed that the female of the species is more deadly world notably among the birds of than the male.

a 10t about animals, both sexes. He male makes up for his deficiency in is director of the New York Zoologi- size by possessing more dash and cal Park-Bronx Zoo to the nature- courage. loving, bear-feeding and lawn-littering public.

declared today, is more dangerous, more powerful and more courageous than its mate-

"Among the higher forms of ani- attack, mal life," he said, "the males are "Fairer and more fruitful in spring larger, fierrer and better equipped the basement of the animal world. with defensive and offensive wea- among the lower and more primitive

ling all sorts of animals here at the and stronger than the male. "Let me be pruned. that I may zoo, that the males are much harder to handle, much more dangerous than him after all biological responsibili-

the females." The reason, he said, is that upon consecrates human life, is not an the males falls the burden of pro- the more advanced forms, the mam-

> greater docility, gentleness and here is the subordinate. domestic role. adaptability. He also hinks females | Since this pattern of nature's seems exhibit more intelligence in captivity contrary to the ideals of staunch -if intelligence is regarded as the feminists such as public office-holdability of a creature to meet new ing. trans-Atlantic flying women,situations.

In some high orders of the animal

prey, the female is larger than the Dr. Blair is in a position to know male. Even then, Dr. Blair said, the

So, in Dr. Blair's opinion, Kipling was merely taking advantage of his The male of the species, Dr. Blair | nice-sounding, but unscientific adage. Its only basis in fact, he said, is that sometimes the females shows a

little more subtlety in its method of Dr. Blair mentioned that down in creatures such as insects and crus-

"It has been my experience, hand- taceans, the female is usually larger Frequently, she kills and devours

ties have been met. But going up the scale of life into tecting and providing for the home. | mals for instance, including man, He gave credit to the females for woman's place is in the home and

Dr. Blair discreetly declined to do any The females are less costinute and theorizing or interpreting.

Models Flies

Woman is 'Responsible for Insect Replicas at London Museum

narrower by the procession of mam- roll with house-flies or it. The ham moth skulls stretching along it in dim looks succuiently real, the roll rather perspective; past bays heaped night- dry. A mouthful of wax would be marishly with anticred heads; and so, your reward if you bit into either of at ast, up a ladde: like staircase to them. the west tower

er; merely a summary of the devious qualifications before choosing this way's behind the scenes at the Natur- interesting, but exacting career. While production of rayon in Cze- al History Museum, South Kensing- First, & painstaking accurracy of choslovakic has notably increased, it ton, London, Eng. by which one draughtsmanship in the preliminary is still insufficient to supply domestic comes into the presence of the woman sketches. next an uncanny skill in demand, according to a report from who is responsible for those enor- modelling and, thirdly, a color-sense

Titivating the Monster

See Miss Grace Edwards, in her tower-room, titivating a monstrous waxen malaria mosquito. At present ish body hovers on its stand with only one wing; its head glares bale. fully, waving outraged antennae from a neighboring stand. But it is botter met in this undressed state than in its finished giery, because now the intricacies of its construction are laid bare.

The stages of its evolution are many. First of all there it is lifesize—and so small that you involun-One candidate for the state legisla- tarily crinkle up your cyes at it-in ture boasted of his honorable dis- a little glass-covered box. Magnifying glasses and book-illustrations assist at the various enlarged drawings, which must be rigidly accurate and to scale.

When these have been done the actual modelling can begin, A plaster cast of the body having been made from a preliminary model, the way is heated, correctly tinted, and then poured into this mould to

Authentic Sheen

When the body comes out of the mould the exact markings of the mosquito are painted on it, and, since the mosquito is a hairy fellow, it is stuck with dozens of real hair bristles, or stiffened silk "bairs."

The wing frames are then made of fine wire, bent and soldered into a beautiful tracery; on to this a gummed fine silk muslin, which is varnished and tinted with the authentic rose and green shoen of an insect's wing. A fine feathery edging has to be gummed all round the wings. There is then the wicked head to be moulded proboscis and all, and the

delicate antennae carefully poised. Then the Monster is assembled and mounted, poised bigh on a stand, with wax models of its larvae and pupa beside it; and; behold, it is ready to make its bow to the public. How long does all this take? At | . . . Issue No. 28-'34

any rate several weeks; such works of art cannot be turned out to a fac-

tory time-schedule. And that they are works of art, experts of all nations will testify. even the laymar can judge how expert a modeller Miss Edwards is from a case in the Museum entrance-Down a long, narrow passage, made hall, showing a meal of ham and a

the aspiring art-student should This is not the epening of a thrill- weign well the list of necessary

> pass this searching test is evident by the fact that, of late years, some of the provincial museums-notably Liverpool and Cardiff-have enlisted a woman modeller to make such wax models as they may require.

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