## Wonders of Science for 1908 Big Problems Nearly Solved brown manila paper, cut about the size of bank bills, were found in the receptors and one for bassetts. Chamberlain was subjected to a rigid ing, and were beautiful examples of STANLEY'S DISCOVERY OF LIV-the lesson of his exploit was quickly

HOW PROF. GATES STRENGTHENED HIS ARM BY THINKING ABOUT IT-EACH KIND OF THINKING PRODUCES ITS OWN PECULIAR careful personal examination of the ful watch kept on all of the em-SUBSTANCE-CREATING PLAN TS TO ORDER.

acclaims at sudden revolutionary dis- Few more fascinating propositions

the spectacular scientific innovations with a possiblity of an intelligence in witnessed by the year 1907 was the de- the plant come at present under the materialization of matter, the destruc- notice of the man of science. It is tion of the atom, and the beginning of now an established fact that plants battle royal in the shifting sands of can feel in so far as sensation is unthe old ideas regarding matter.

Stances, are supposed to be built up of proved fact the existence of some an oak tree, famous as "the Boscobel oak" scientists of 1908 are going to work on vegetable kingdom will scarcely be de- him at its foot. the unification of all matter into one nied.

the basis of demonstrated science. The pacity. scientists of 1908 will hunt, perhaps find, the primitive form of matter,

tween organic and inorganic structures, between crystals and protoplasm. and Professor Ray Lankester, of Lonbetween animal and vegetable structure. Until recently it has been held one another. Now the botanist and continuity of the protoplasm through

SEEK COMMON GRANDFATHER.

Perhaps the next quest of science subject arrives at the laboratory of will be in the direction of the common experimental psychology. ancestor of man and animals to which is ailied is anomalous. The whole sub- velopment of the human species. ject is involved in the utmost mystery. It is, therefore, not surprising that quite lately the notion that plants have | Professor Elmer Gates of the Labsenses has been gaining credence ratory of Psychology in Washington among scientists. The sense organs or

The science of 1908 is already large- their equivalent are found on the roots, utes he made the discovery that the tective broadened the line of his in- the most beautiful dogs at the national The science of 1998 is already large.

The fact pouch found in the safe was a dumquiry so as to include every man, woshow, was conspicuous for the lithness achievements of the times. 'It has a 1997, which was a year of revolutions. is connected with the other startling my made up to resemble the pouches man and child in the town of Susque-"Science moves but slowly, slowly fact that the cell life of the plant used by the company, but with a dif-hanna. Some instinctive feeling-prob-desires in this Russian deerhound. creeping from point to point" in un- and the cell life of the animal proceed ferent seal and tag. The purpose was ably the result of his long years of known laborateries the world over un- along the same lines. The revolution- plain; the substitution had been made experience-made him believe that the til it reaches some critical turn and ary generalizations to which this in- in order to give the thieves ample time crime had originated in the little town proclaims results that are the slow evitably leads must impart an element to get away with their rich booty. Fur- in Pennsylvania. After learning as

coveries of some one man. Among than those submitted in connection derstood to be a response to external unit of matter charged with electricity. ing unreasonable in going further and More than a hundred years ago Ben- looking for evidence of something akin jamin Franklin was derided for his to discerning power in the vegetable "delusion" that electricity and matter world. There is an immense mass of In combination form a new substance evidence at the disposal of any student which is the atom of matter as we who will take the trouble to watch the know it; matter could be explained in members of the vegetable kingdom, don solicitors for the heir to an annuity where the idea originated, there are spe should have a name indicating its place terms of electricity; that electricity is all pointing to the presence of some granted by Charles II. to a farmer named cialists who make a handsome living out of origin. There is, indeed, not a little in Livingston's behalf, and refused to point. It not only involved an outlay the "fundamental substance." But the limited intelligence in the plants. To scientists of the twentieth century are say that plants think might not conrestoring and demonstrating the old vey the right impression. It is likely, philosopher's views. What men have indeed highly probable, according to S. as the Staffordshire farmer who, with the been accustomed to regard as an indi- Leonard Bastin, the noted English assistance of his four brothers, risked to accomplish it. visible atom of matter is now sup- botanist, that it is impossible for the death at the hands of the pursuing Round-

primal substance, and in the transmu- Maurice Maeterlinck has discoursed tation of the chemical elements in at length on the intelligence of the flowers and argues for but one all-per-DREAMS OF ALCHEMIST TRUE. | vading mind, one intelligence and re-In so doing they will but realize the servoir of consciousness in nature dreams of the old alchemists and place whereunto the individual plant and the ideas of the old philosophers on man have access according to his ca-

CREATING PLANTS TO ORDER.

by themselves or with some other form, all known varieties of matter are built up just as the most diverse working. Animal breeding is another working. Animal breeding is another James Withington, who left England in tragus. The needle passes in and out along the solutions of which, etcher by themselves or with some other ing to order. Luther Burbank has become a wizard of vegetable wonder working. Animal breeding is another living, at the age of 20 years. The other, the lower border of the cartilage of the two workings. The needle passes in and out along the solutions of the matter ing to order. Luther Burbank has become a wizard of vegetable wonder working. Animal breeding is another living, at the age of 20 years. The other, the lower border of the cartilage of the two workings. The needle passes in and out along the passes in an outled the passes in an outle forms of houses can be made from different combinations of bricks. While the chemists and physicists of 1908 are showing that there is but one matter.

Working. Animal precent is another transported by the cartilage of the lower border of the cartilage of the land out along transported that has evolved hornless. James Withington, who left England in tragus. The needle passes in and out along the chemists and physicists of 1908 are showing that there is but one matter.

But the newest branch of scientific present time, he would be more than 90 in loops of carefully graduated length. showing that there is but one matter, breeding is with the human plant and biologists, embracing the botanists and the human animal. On the foundation dead, and the solicitors' search is for his other length of hair is sewed through zoologists will be bringing nearer to of a laboratory for the scientific study of children the lead has been taken identity proved he will receive, in addition axiom of the ancients, that there is by Paris, at the initiative of Professor to a portion of the annuity, a considerable been lost, and the operator is obliged to many smaller prizes are given locally, nificent beats of that great campaign. memoirs; but he disclosed enough to Dr. J. C. Boor, of India, has already mal biology have attained marvelous office is the original document of King the ends of the loops, and the result is a fine, thick, long set of eyelashes. It is the thown the correspondence between the fatigue of muscles and the fatigue of has demonstrated the similarities besearch.

They have come to see that education is a question of adaptation, and don, announces the equally startling discovery that there is no distinction discovery that there is no distinct discovery that the discovery discovery that the discovery discovery that the discovery thoroughly acquainted with his or her should betray him, he professed and mainmental and physical characteristics, tained unshaken fidelity. by all scientists that each vegetable The principle, therefore, that guided "Having clothed the King in a garb like kept so until the following day. cell unit is boxed up in a case of cel- Dr. Binet when forming his new lab- their own, they (Pendrell and his brothers) lulose. Animal cells are not so imprisoned, but freely communicate with average state of development of chil- bill into his hand, and pretended to em- them fall out of have to be attended to. dren of all ages, an entirely new idea ploy themselves in cutting faggots. Some For the first month it is necessary to curl zoologist learn with amazement of the in pedagogics which he expects to prove most fruitful. What he set himthe walls of the vegetable cells by manner was the physical and mental means of connecting canals and velve of the everage child at verious self to find out in a strictly scientific threads, a discovery as epochial as the value of the average child at various four hours. He saw several soldiers pass pain associated with the process as in discovery of the circulation of the ages. This discovered, they drew up by. tables of averages; and, thanks-to these, they are now able to make prescriptions definitely whenever a fresh

Professor Binet called in the assistresearch points. Plants may have ance of a Parisian palmist, who sur- SOME OF THE PRIZES HE HAS VIII. set up breeding establishments in evolved because the parent organism prised him with the accuracy with did not have to seek its food. Or it which he read the characters of the may be that man is the result of ef- hundred boys who were presented to fort on the part of a plantlike organ- her. Professor Binet hopes to see ism to propel itself in the direction of similar laboratories scattered all over its sustenance. The locomotion of man the land and thus establish the foundand of the organisms with which he ations for a scientific breeding and de-

HOW GATES GOT STRONG ARM.

## Continued on Page Seventeen. Pinkerton and the Great Safe Robbery

HOW THE GREAT DETECTIVE known to the public at large, he en-A COMPLICATED CASE WITH A agency. CANADIAN END TO IT - THE He called in person at Susquehanna

[Robert A. Pinkerton was born in Dundee, Ill., in 1848, and educated at story of the mysterious case, but his prize for shorthorn steer, first prize Notre Dame University in Indiana. He own calmness communicated itself to for Southdown lambs. memory for names and faces, and his tional Bank of New York sent to the ice class for smooth foxterriers. bound for Europe.]

there was not a shred of evidence to agent as Susquehanna. The pouch was The kings' interest in horses begins tell the story of how this small for- duly delivered to Messenger Van in the reign of Henry I., and again tune was permitted to slip from the Wagenen, who placed it in the safe and again the stock would have de-

fisted the services of Robert A. Pink- office and locked it with a key which regulations prohibiting the export of fisted the services of Robert A. Pinkerton. It is probable that no detective in the world was better equipped
to grapple with a problem-of this kind
to grapple with a problem-of this kind
than "Bob" Pinkerton. He had the experience of a lifetime in following 7 o'clock on the morning of the 21st.

In the sale in the ticket in the t

UNFATHOMED THE MYSTERY - Joyed the reputation of more successes than any other man in the

KING OF BURGLARS RUN DOWN. found everyone in the little town to learn the facts in the case. He Southdown ram lambs. vous excitement, and for a while had pen of Southdown lambs. difficulty in obtaining as connected was the son of Alian Pinkerton, the the local officers and he was soon pos-On June 20, 1883, the Marine Na-

finest in America. He made a big rep- currency and national bank notes. The utation by his method of handling money was to be used in the payment great crowds at the race tracks. He of wages of more than 1,000 employes was a man of pleasing personality and of the Eric Railroad Company in the did much toward introducing purely local shops. The package was carried business systems into a concern which to the United States Express Comis regarded as rather romantic. He pany's office in New York by a clerk died Aug. 12, 1907, aboard the North of the Marine Bank, who received a German Lloyd steamer "Bremen" while receipt for it. The money clerk of the express company took charge of the cash and inclosed it in the regular land have been more alive than the One morning before daylight the canvas pouch, sealed with the com- rest of the community to the vast im-United States Express Company was pany's stamp and attached a tag on portance of maintaining pure breeds of robbed of \$40,000, and, sad to say, which was the name of the company's live stock.

grasp of a corporation that had the with other valuables. It was midnight generated to the point of national danreputation of being one of the most when it reached Susquehanna and he ger but for the personal interest of careful and conservative in America. turned the expensive package over to the monarch; the battles of England The scene of the robbery was at Sus- Dwight Chamberlain, a nighto clerk have been won across the river from quehanna, Pa., and the local authori- and watchman, who was jointly em- the playing fields of Eton. Edward III. ties did everything in their power to ployed by the express company and organized the remount department of locate the cash, but all to no avail. the Erie Railroad Company. Chamber- the army as it has never been organ-In this emergency the company en- lain placed it in the safe in the ticket | ized before or since, and his father's

witnesses that could be reached. Before velopments. ton that the right pouch had been de-

PENDRELL.

Pendrell and his descendants.

son-if he had one.

RECALLS ROYAL OAK TRANSPLANTED

cross-examination, and at its conclu- the intelligent and keen scented hunt-Mr. Pinkerton found himself con- sion Mr. Pinkerton expressed the be- ing dog. It is true that their pace fronted by one of the biggest jobs of lief that he was entirely innocent of has vanished under specialization, and premises and crss-examined all the ployes of the company brought no de- qualities of the breed-intelligence, do-

he had been on the ground many min- At this stage of the game the de-Continued on Page Sixteen.

THAT HID CHARLES The newest theory of an atom is a influence. This being so, there is noth- SEARCH NOW BEING MADE FOR EYEBROWS, TOO, WILL BE SUP-DESCENDANTS OF RICHARD PLIED BY A SKILLFUL

> Search is being made by a firm of Lon-Pendrell, who sheltered the King after the head to the eyebrows or eyelashes. | Commercial value in this principle of the process of transplanting hair from the head to the eyebrows or eyelashes. | Commercial value in this principle of tain his fate. A private subscription cautious execution. Failure had to be Only the brave and rich can patronize the

SPECIALIST.

than this, all atoms, atoms of all sub- a plant does not know, but in the face and secreting him among the foliage of ever they are absent or grow thin, and so name and nature took its origin. of the same thing. Otherwise put, the kind of discriminating power in the -while the soldiers searched vainly for the closest scrutiny can detect any differcunning is he in his work that not even The gratitude of the King took a practical said, eyes which are at ordinary times famous short wooled sheep in the cal form. Upon his return to power he only passable, become languishing in their world since the breed was first brought rewarded his preservers, and, incidentally, expression, while eyes which were pre to perfection by John Ellman in Suswreaked a subtle vengeance upon his ene- viously considered fine have their beauty sex. mies by taxing certain Roundhead lands much enhanced.

to produce an annuity of \$500 for Richard | This is the way new eyelashes are put in: An ordinary fine needle is threaded From those distant times the King's an- with a long hair, generally taken from the the lid, until finally there are a dozen Should this heir be discovered and his or more loops projecting.

Preserved in the archives of the record in the process is cutting off and trimming took several prizes there. curve which is essential to perfect beauty Then the eyes are carefully bandaged and

nights he lay upon straw in the house, and the new eyelashes every day, but after that they become properly assimilated, "For a better concealment he mounted and it is not necessary to give them any transplanting eyelashes.

# King Edward Foremost Stock Breeder

WON - ENGLAND'S GREATEST Lincolnshire and Cambrideshire. AGRICULTURIST - IS POSSES DEVOTED TO RAISING HORSES, ERN SCIENTIFIC PRINCIPLES.

fed on such homely fare as it afforded.

King Edward is England's foremost

stock the King follows the example of the head of the industry than any choke. his predecessors during a great num- king in history. ber of reigns. His success is shown by As the Prince of Wales he support- stands woman, he gets some awful this list of his more important prizes ed an excellent model fram at Sand- jars.

prizes for shorthorns. Bath and West-Gold medals and prizes for shorthorns, first prize for

Norwich Fat Cattle Show-Two first Birmingham Fat Stock Show-First in Berkshire.

Manchester Dog Show-Three Lynn Canine Society-First in nov-

first prize for shorthorn heifer, first mer and winter, a supreme interest in such spores that when lmber is placed in and second with two Highland bred the King's exhibits. He is the first steers sent from Sandringham, second agriculturalist in England. for Devon steer, second for Dexter steer, third for Hereford steer, third great cattle and sheep farms of Ameri-

Lead People as Stock Breeders. From an early time in English history the kings and queens of Eng-

Horses Not Alone Improved. This zeal for horses of all sorts, SOR OF TWO SPLENDID FARMS and often, of course, associated, as with the Georges, with a less useful resent himself as an angel who chanced then acknowledged to be the greatest the one he placed there on entering CATTLE AND SHEEP ON MOD- century to extend to cattle, sheep, and riculture have shrunk to miserable It would take an awful lot of soft proportions, the King has helped to soap and silver sand to wash out some total failure. bring stock breeding up to an unap- people's pasts. proachable level of perfection. He As a breeder of pure breeds of live may be said to be more distinctly at say, they would either explode or

ringham, and when the Queen died he Royal Agricultural Show-Two first succeeded to the similar farm at Windsor. Instead of surrendering one, as some feared, he developed both. Now the two are organized in the highest scientific principles, and the King is able to keep each for particular spe- periments at Bogalusa, La., with the obwrought up to an intense state of ner- prizes for shorthorns, one first for cies; the cattle and heavy horses are ject of rendering lumber immune from

WORLD SEEKS ENGLISH STRAINS. first farms in parts of the country differing too low in the scale of life to produce true as to the origin of the name is to the was not long enough yet. Numa made founder of the famous detective sessed of all they knew regarding the prizes for Clumber spaniel bitches, greatly in soil and climate gives the seeds, but as a substitute it produces effect that the law knew but 365 days his months to correspond to the revo-King an unequaled opportunity of en- microscopic organisms called spores, which couraging the art of breeding in the gallery of criminal photographs and First National Bank of Susquehanna a Hall—First prize for Hereford heifer, tators at the big shows, both in summer and winter a sunreme interest in most thorough fashion. It is no ad-All over the world, especially in the

for shorthorn steer, third for Dexter ca, both north and south, it is ac- hyphæ, into the tisses. knowledged that importations from England are necessary to keep their causes the wood to become discolored. huge herds up to the due level. That The deterioration in value of lumber on this is so is the result of many hun- account of this pest amounts to thousands dreds of years of history, but through of dollars each year.—American Industries. history no one has done more to maintain this reputation than King Edward

> It is asserted that the soil and climate of the British Isles have qualities scarcely to be found elsewhere in the world when it is a question of giving strength to a pure breed. They are trying to disprove this, both in the Argentine and in the United States.
>
> "For staming—Britain" is still an ac-"For stamina-Britain" is still an acknowledged maxim.

USEFUL TYPE AIMED AT. Among the great quantity f prizes perience of a lifetime in following 7 o'clock on the morning of the 21st, may find bred on fen and Midland to a useful type. For example, dogs or crime of this particular character, and While casting up his accounts the farms today draw their origin direct have suffered a good deal from the crime of this particular character, and While casting up his accounts the latthough his adventures were little messenger from the Susquehanna Bank from the great horses for which Henry application of false standards. But it ists of the old school.—London Express.

cility, and a keen nose.

So, too, the Queen's Borzoi, one of

WINNINGS AT CATTLE SHOWS.

consummations of myriad patient ca- of the incredible to the biology of the ther investigation convinced Pinker- much as possible about the personal the varieties which are of prime util- author. But there are degrees in others in the world since it was first accomplishment. bred in Durham in the eighteenth cen-

land, it is just as well and in accord-

"Honest Richard Pendrell" earned fame new method at present, for besides being the type, for example, of the Aberdeen search for him, but before this move- mats thrown off the scene. Foreign buyers desiring animals of Angus cattle, or the Southdown sheep, or the Tamworth pigs, naturally think posed to be built up of electricty. More human mind to grasp just how much heads by dressing the King as a peasant on, the new cyclashes and cycbrows wher.

In sheep, the royal farm at Windsor is conspicuous for the breed of Southence. By means of the new process, it is downs, which have proved the most

#### KING'S INTEREST IN SHIRE HORSE.

nuity has come down through seven gen- head of the person to be operated upon. Supreme interest, in the Shire horse, admiration of the world. erations, and a recent motion before the The lower border of the eyelid is then by far the most useful of all species in courts pronounced it to be perpetual. In thoroughly cleaned, and in order that the agriculture. As an example of his perthe year 1859 two persons were sharing it. process may be as painless as possible, sonal interest in the Shire it may be energy and resourcefulness in news- 13, 1878, Bismarck told the delegates Some of the most practical of the But, desiring a substantial sum to take rebbed with a solution of cocaine. The recalled that at the royal show at Linfrom the combinations of which, either recent work with plants is one breed-them abroad, they sold their life interests operator then, by a few skillful touches, coln this year he stopped his carriage runs his needle through the extreme edges and had a long talk with an American professor who had particularly obtour in America.

The King is a great prize giver as well as prize winner. For example, the three big cups Smithfield are given by royalty.

AFFECTING MORTALS.

Women love dress because they enjoy the admiration of men and the chagrin of other women.

Life without love is a forest deep, Where sengbirds never wake or sleep, Where all is silence, shadow, gloom, That makes of Life a soulless tomb.

Than never to have loved at all.

can render decisions that would put a correspondents sit up and take notice. ent. They were both stopping at the supreme court justice out of business. with phonograph attachments.

When a man is a rank failure, other domestic animals, till today, always blames some woman; when he of Muller. He disappeared mysterious- hat and clapped it on his head. De

If some people could not have their

When a man thinks that he under-Some people go through life as if driven by a blind bridle.

### BLUING OF LUMBER.

The forest service has undertaken exbest suited in Norfolk, and the sheep the attacks of blueing, thereby stopping what at present is a serious loss. Bluing is due to the growth of low forms of fungi, all of which probably belong to in countless numbers.

many lumber yards, is so infested with the yard to dry it is infected with them. If the lumber happens to be moist, and possesses necessary food to support the life of the plant, the spores immediately germinate and send little threads, or

Their action decomposes the sap and

### PRIEST A MOUNTAIN-CLIMBER.

The Abbe Gorret, who climbed every im. portant peak in the Swiss and Italian Alps, and who was the first to ascend the Matterborn from the Italian side, has died

Abbe Gorret, who was born of humble parents, began life as a guide. He was a man of superb physique, and was noted younger days for his feats of

# age. The pouch was taken from the safe, but instead of the \$40,000 in case, either Chamberlain, the night cash, a number of small packages of clerk, one of the employes, or some Borzois and one for Bassetts.

In newspaperdom a good many which it appears; it surprises or en- News arrived with the scoop. In cattle and sheep the King has on public; and it confers honor and last- DE BLOWITZ'S WONDERFUL EXsimilar principles devoted himself to ing journalistic renown upon its ity. He won his two prizes at the scoops, governed by their relative im-Royal agricultural show for shorthorns, portance, and the quality of enterprise, cord was the publication of the treaty a breed that has rapidly dominated all skill, and ingenuity involved in their of Berlin on the very day it was be-

bringing undying fame on the man tended to take no pride in its achieve-Incidentally, it worth asking why the himself, and emphasizing the re- ment. "To publish an important docshorthorn is now called the shorthorn, sources and enterprise of the New ument before anybody else," he says in a word describing no peculiar quality York Herald. The fate of this African his memoirs, "does not make you a of the animal, rather than by its early explorer had been long in doubt, and great writer or even a great journalist. territorial and once established name the sympathy of the whole world was I would rather have written 'The Batof Durham. As the breed has been aroused. He was buried somewhere in the of Dorking' than have published all made in a particular district of Eng- the heart of the Dark Continent be- the great documents of the world." But yond the reach of ordinary means of newspaperdom did not agree with De From Health: In Paris and London, ance with the best precedent that it communication. The British Govern- Blowitz in this regard. The best was was started to equip an expedition to guarded against and suspicious diploment could be made effective, James | It was in October, 1877. Gordon Bennett had issued his famous Blowitz heard there would be an in-Livingstone at any cost." Stanley's of the eastern question. As he had task required qualities of an uncom- gestion that he should attend to the Among horses, the King has shown his grand mission, to the wonder and his reports surpass those of any other

J. A. MacGahan was another corre- gress. spondent who amazed Europe by his In convening the congress on June tive writer. He performed some mar- ital for muteness must be maintained; velous feats for the London Daily the strictest secrecy was to be observ-News. He was the hero of a wonder- ed, and the assembled journalists served the King's Shires during their ful lonely ride through the great desert should be prevented from sending auof Central Asja to overtake Kauff- thentic information to their papers. mann's Russian army on its march to Every precaution was taken against Khiva; and his lifelike pictures of the leaks; but from the opening session to Bulgarian atrocities stirred Europe to the close each edition of the London its center and brought about the Rus- Times published a review of the prohair" for another sitting. The next step made a success by the Queen, who not been much utilized for the trans- in which his campaign had been pre-Annuityes To Ye Pendrells."

them look like nature's own. When they between the legislation of Edward II. it was often a superior knowledge of ment. Through a friend he procured on broad mares the model stables of powers and toward the rest of th Hume thus describes Richard Pendrell are first cut they stick out in the most and his service to King Charles: "The man singular fashion, giving the person oper had dignity of sentiments much above his ated upon the most uncanny look. The Henry VIII., and the invaluable proone or the other to register a scoop. duction to the private secretary of a condition, and, though death was denounce operator's next step is to take or the disconstitution and though death was denounce operator's next step is to take or the modern pace was finally set by a foreign statesman who was certain to young surgeon named Muller, who was be a delegate to the congress. This attached as a volunteer to the ambu- letter was strong enough to secure the lance corps of the army beleaguering applicant a position as a kind of dip-Metz during the Franco-Prussian war, lomatic outsider. De Blowitz had only When that stronghold capitulated, Al- one interview with him after he enterexander Forbes, the famous corre- ed upon this position. The young man spondent, sent a two-column story to was told not to speak to his patron the Daily News in the usual way. Mul- about the work of the congress; but, ler, who had some experience in the intimated De Blowitz, "when the conmethods of American journalism, went gress has adopted articles you will into the city with the beleaguering communicate them to me; but I shall army. He took quick note of the con- not publish them till the day of the last ditions and surroundings of the city, sitting." People who always are reaching out and then rode out northward along the How to pass those reports to De for greater things rarely have sense Moselle valley through a region infest- Blowitz without detection was the ed with guerrillas and villages bitterly next problem. It was solved by a hostile to the invaders to the Luxem- happy accident. On leaving the room

newspaper feat of the war. Strange to the dining-room. But though Muller himself was lost,

INGSTONE A NEWSPAPER EN. applied by Forbes, whose eyes had TERPRISE—DE BLOWITZ'S WONDERFUL SCOOP FOR THE LAN DERFUL SCOOP FOR THE LON- or urgent duty. Formes after its surrender. He spent eighteen hours noting the condition of the city and picking up incidents of the siege; then he rode out eastward to Baden and scoops ranks among the notable on returning to the French capital his colleagues chaffed him for arriving hances the prestige of the journal in changed to chagrin when the Daily

One of the greatest exploits on reing signed by the plenipotentiaries in Stanley's discovery of Livingstone the German capital. De Blowitz, the tury by men whose identity has just was a scoop of the first magnitude, hero of this scoop, afterwards prement had shut its ears to all appeals a big one from every journalistic viewtain his fate. A private subscription cautious execution. Failure had to be

instruction to Stanley, "Go and find ternational congress for the settlement success on this mission was gained in been free in his criticisms of German the face of stupendous difficulties. The diplomacy he did not relish the sugmon nature. He knew nothing of interest of the Times. He was afraid Africa or of the organization of such that he would be persona non grata an expedition. But he had resources in Berlin and that his work would be within himself-nerves that never hampered by the unfriendly attitude Minched, dauntless courage, quickness of certain high officials. But he was of perception, promptness of decision, subsequently assured of a friendly reand an iron will-and he accomplished ception, and began his plans to make correspondent assigned to the con-

Girls,—'Tis better to have loved them burg frontier, 40 miles away. He dis- in which this interview took place, the mounted at a small village called Esch confederate took the hat of De Blowand telegraphed a long account of the itz by mistake. Instantly the method capitulation to the Daily News. This for hoodwinking the delegates flashed A woman may not reason; but she was the scoop that made the veteran to the mind of the Times correspond. Forbes afterwards paid a gallant trib- same hotel. The young man was to Many women are like walking dolls ute to the enterprising young surgeon, place his communications in the lining who had beaten all the correspondents of his hat, which De Blowitz was to An ordinary mortal may try to rep- in the field, and performed what was take daily from the hatrack instead of One day another he say, nothing further was seen or heard correspondent picked up the precious ly after filing his copy, and anxious ef- Blowitz, who witnessed the incident, forts to locate and reward him were a came near fainting. The hat contained the third article of the treaty, to Continued on Page Seventeen

# THE HISTORY OF LEAP YEAR

does not leap a day, but takes on one. Although the two months had been The possession of two such splendid the genus Ceratostomella. This plant is However, the most plausible tradition added, January and February, the year to the year, and that when, every four lutions of the moon, which made 351 when ripe are carried away by the wind years, the 29th of February appeared days, or eleven days short of the earth's on the calendar, it was not counted as annual journey around the sun. When The air of forests, and especially around a day in the eyes of the law, but was the Romans found one month had to "leapt" over.

> clear, and, moreover, very interesting. its being the month of the dead. As a year is the time of the earth's The clumsy alteration was made by revolution around the sun, it should naming a month which appeared on alcontain 365 days and a fraction of a ternate years. Several other clumsy day. The ancients, having great re- corrections were made until the days spect for the moon, wanted the year and months came out pretty even. to be subdivided into parts correspond- Things did not work very well, howing with her revolution around the ever, under this system, for politics apearth. The difficulties of adjusting the peared. The calendar was in charge moon's revolutions, or months, so as to of the pontiffs, and if they wanted to be together equal to the earth revolu- keep a friend in office they could tion around the sun gave rise to Feb- lengthen the extra month, or if they ruary itself, and to many of the changes wanted to hold elections before their which the month has undergone before enemies were ready, they would cur-

> He had ten months, whose total length in the autumn, and the autumn months was 304 days. How he patched up the in the summer, and so on. year with the odd days so as to make it anything like correct is not known To remedy this mistake, which left 61 to speak, and introduced two months (second king of Rome) added two cember. This gave the Romans a year things, was made the first month of wonderful year canceled all previous the year.

February, in Latin, means to expi-

HOW THE ODD DAY MIXED UP ate. In this month the expiatory sac-THE ANCIENTS — THE MATTER rifices were performed, and as the sins of the year were very naturally STRAIGHTENED OUT BY POPE atoned for after they were committed, February was made the last of the months.

Two hundred years after Numa As for the name "leap year," it Pompilius, February was brought by seems to be a misnomer, since on leap the decemvirs, for reasons best known year, February, the changeable month, to themselves, to its present position. be changed they hit upon February, for The history of leap year, however, is no apparent reason unless because of

it stood with its present number of tail the month and catch their opponents napping. It was a fine game of Romulus' division of the year is the politics. After awhile matters became first European one known, and the one so badly mixed that in Julius upon which our own division is based. Caesar's time the winter months were

Caesar took the bull by the horns, so days unaccounted for, Numa Pompilius of his own between November and Demonths, January and February. Jan- of 445 days. This particular year, uary, named after Janus, the god who which was B. C. 46, 4s known to hispresided over the beginning of all tory as "The Year of Confusion." This errors, and when the question of now to make the succeeding years of equal

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