

Snake Hypnotism.

By Graham Peck.

There is a certain power to fascinate in a snake's eyes. I saw only the other day a typical illustration of the power of a snake to fascinate.

Over in the pine woods I saw a ground squirrel fascinated by a black gopher snake. The forked tongue darted out of the snake's mouth almost as regularly and rapidly as the needle of a sewing machine runs and falls. The squirrel seemed to watch it spellbound. When the gopher snake was within two or three inches of the squirrel it gave a leap and threw three coils about the squirrel. Instantly the spell was gone. The fascination or charm there had been over the little animal was no doubt broken the very moment the serpent's coils were about the squirrel, for the animal gave three convulsive, terrified chirps and realized that its death moment had come.

I believe implicitly that all snakes have a certain degree of power to fascinate their victims to death. Blacksnakes, gopher snakes and racers have the power to a large degree. Rattlesnakes have the most fascinating power among all the poisonous serpents in the Southwest. The indications of charm among poisonous snakes are deceiving sometimes. Poisonous snakes fang their prey once only. The poison does not kill at once. The victim battles to a branch, it may be, or runs a short distance and stops. The snake watches it. The poison does its deadly work, and the bird falls. Any one who comes up, not having seen the attack, might be readily deceived into imagining that it was the glance of the snake and not the poison that caused the victim to fall.

Suicide is Hereditary.

By Coroner Moses P. Jackson, of New York.

Is there such a thing as hereditary suicidal impulse? Is it curable? Medical authorities answer both questions affirmatively. If I had never read a medical work, I could answer the first question affirmatively out of my experience in the Coroner's office. Examples of inherited suicidal impulse are frequent. The existence of suicidal impulse as a form of insanity and its transmissibility have been established.

The question grows in importance as suicide increases. It does not follow to be sure, that because one or the other of one's parents commits suicide that the suicidal impulse exists in the offspring. The exact contrary may obtain. But when it does exist, what is to be done? Consult an alienist. That is the only common sense advice. If your eyes are impaired, you consult an oculist. If you find your mind manifesting tendencies which are beyond the control of your will, you do not need a surgeon, but an expert in mental diseases.

The cure for inherited suicidal tendency is very much the same as for melancholia. The alienist will work to build up the general system, insist on hygienic surroundings, correct dieting and cheerful environment. The tendency is hardest to fight when it is developed by chronic illness. Then the cure is most often solely wrought by strong mental influence.

Dr. Maudsley, the noted English alienist mentions a remarkable method of treatment. He was consulted by a patient who had a history of inherited suicidal impulse through five generations. When he reached the age of thirty-five, he became subject to spells of intense depression in which the tendency to self-destruction was almost irresistible. Dr. Maudsley, after studying the case, decided that the periods of depression were augmented by the patient's excessive application to his business. He advised him to take a daily nap in the middle of the day.

The man refused, he could not spare the time from his business. Then the physician told him promptly at noon to lean back in his chair, close his eyes and doze off with a dinner bell in his hand. When he fell asleep, the bell would drop from his hand and awaken him.

The man tried it, and though his nap often lasted but a few moments the mental relaxation proved of immense benefit and within a short time his fits of depression entirely passed away. He overcame his suicidal tendency and was the first of his line for five generations to die a natural death.

The Summer Sneeze.

What Happens When a Particle of Ragweed Invades the Olfactory Region.

By Walter Beverley Crane.

The philosophy of sneezing should be thoroughly understood by hay fever victims. It is a well known fact that a sneeze always indicates that there is something wrong. It does not occur in health unless some foreign substance irritates the membranes of the nasal passages, upon which the nervous filaments are distributed. In hay fever these are unduly excitable, hence the sneezing and sneezing and then occur. The nose receives three sets of nerves; the nerves of smell, those of feeling, and those of motion. The former communicate to the brain the odorous properties of substances with which they come in contact, in a diffused or concentrated state; the second communicate the impressions of touch; the third move the muscles of the nose, but their power is very limited.

When a sneeze occurs, all these faculties are excited in a high degree. The most minute particle of flowering ragweed irritates the olfactory nerves which dispatch to the brain this intelligence. "Ragweed has attacked the nostrils."

The brain instantly sends a mandate through the motor nerves to the muscles, saying "Cast it out!" and the result is unmistakable.

So offensive is the enemy besieging the nostril held to be, that the nose is not left to its own defence. It were too feeble to accomplish this. An allied army of muscles join in the effort to expel the intruder from the abdomen, all unite in the effort for the expulsion of the microscopically minute particle of the weed.

Let us consider what occurs in this instantaneous operation:

The lung become fully inflated, the abdominal organs are pressed downward and the veil of the palate drops down to form a barrier to the escape of the air through the mouth; and now in all the muscles which have relaxed for the purpose of repeated sneezing and force the compressed air from the lungs in a torrent out through the nasal passages, with the benovolent determination to sweep away the particle of ragweed which has been causing irritation there.

Such, then, is the complicated action of a sneeze; and if the first effort does not succeed, then follows a second, a third, and a fourth; and not until victory is achieved does the army of defenders dissolve its compact and settle down to the enjoyment of peace and quietude.

By removing the nose from the face and replacing it down side up the whole process is reversed.

By leaving it off hay fever may be avoided.

This advice is not to be sneezed at.—New York Sun.

WOLVES INCREASING IN NUMBER

Large Amounts Still Paid by Western States in Bounties.

The wolf is more dreaded of humanity than any other animal. No doubt we to-day inherit that dread from ancestors who had occasion to fear the long-fanged quadruped, for there are few portions of the world to-day where the wolf is really dangerous to mankind.

Dangerous to man's pocket, to his herds and flocks, he is still to-day in many portions of the country. A ranch in Montana or New Mexico may pay many hundreds of dollars a year for gray wolf scalps. Such a scalp is cheap at \$12 or \$15 to the rancher, for the gray robber would certainly have destroyed many times that value in calves or colts from the range. Yet in spite of all the warfare made upon them, and all the prices put upon their heads, these dreaded, mysterious, ghostlike, terror inspiring creatures still hold their own.

Outcasts for ages, hated, persecuted, they still endure, each for himself, and without a friend on earth, even among his own kind.

Last year the State of Minnesota paid over \$6,000 a month in the best of the wolf season. One day of the month of last March the State Auditor paid \$6,158.50 in wolf bounties. The total for the few months preceding was \$36,548.50. On this basis the current year will foot up nearly as much as the two years preceding, which appears to indicate that Brother Wolf is holding his own, even as a matter of commerce. In many parts of the Western cattle range the gray wolves are increasing rather than decreasing.—Field and Stream.

News of the Day.

An elevated road is to be built at Almorá, Spain, to connect the railroad station with the harbor of that city.

Dr. A. R. Safford, assistant librarian of the Library of Congress, has returned from a three months' stay in Europe. While abroad he made arrangements for the purchase of books from time to time, and to receive a large number of catalogues of books.

The Portland and Asiatic Steamship Arabia will carry 5,200 boxes of Oregon apples to the Orient on its next trip. This is the first consignment of apples to go to the Far East this year, and is one of the largest that has ever gone forth from here to that destination.—Seattle Post-Intelligencer.

Dr. Paul Haupt, of Johns Hopkins University, has returned to Baltimore from his annual vacation trip to Europe. As a delegate from the country he attended the fourteenth International Congress of Americanists, held at Stuttgart.

Odds and Ends.

William, Mary, John, Elizabeth, Thomas, George, Sarah, James, Charles, Henry, Alice, Ann, Joseph, Jane, Ellen, Emily, Annie, Frederick, Margaret, Emma, Robert, Arthur, Alfred, Edward, these, in the order given, are the most popular Christian names, says an exchange.

A steam railway line is projected which is to connect the Lagoon Guomoveto with the Aguan river, in Honduras.

The town of Eothenhoffen, Bavaria, noted for its quarries of lithographic stones, has decided to erect a monument to Senefelder, the inventor of lithography.

An industrial school for boys, with Prof. Oscar Lowell Triggs, late of the University of Chicago, as president, will soon be established in the vicinity of Chicago. Prof. Triggs has been closely identified with the industrial movement in Chicago, and has just returned from a three months' trip to Europe, where he studied the industrial schools in England, France and Belgium.

A BLUESOCKING;

ROMANCE & REALITY.

By Miss Annie Edwards.

CHAPTER V.

Continued.

"Gentlemen do not usually pay morning visits to girls of eighteen, my dear Henrietta," said Miss Theodora, with her little air of superiority. "Mr. Chester asked leave to inquire for my health after the fatigues of the ball—a very pretty and a very natural piece of attention, too. Unless I am much mistaken, we may look to receiving a visit from Mr. Chester before the day is out."

And Theodora was right. Just at the hottest hour of the afternoon, Aunt Hosie and Daphne, pecking currants and raspberries, for the annual jelly-making, forth rushed Marjot to say that a fine English dandy in a tuxedo (she been Dada's Anglia ever since he fell on his face) was inquiring about the front porch for Demoiselle Vanstittart.

And Daphne's cheeks flushed crimson! She had spoken in truth, rigid and unvarnished, as respects the ball. The partners who held her till her breath was gone, the ladies who smiled at her chaser-croises behind their fans, the crush, the glare, the emptiness of the whole scene, had disappointed her simply as a child is disappointed with actualities falling short of impossible expectation. In this moment she lost the child, assumed the woman; a sense of power, a thrill of virtue, tinged sweetly, if only by the virtue of her newness, sprang to life within her heart.

"I don't want one bit to see Mr. Chester," she told Aunt Hosie, who stood gravely watching the changes of color on the girl's face. "And of course the visit is to Aunt Theodora, not me. Still, after giving him so many dances last night, it might look odd if I did not go in to see him, just for form's sake."

And in three minutes' time, her fingers stained with raspberry juice, and in her garden dress and hat, she entered the parlor, where Mr. Chester awaited her alone—Theodora, who had not expected her visitor so early, being still occupied with lappets and laers, in the maiden seclusion of her own chamber.

This first visit did not prove a brilliant success. Mr. Chester's conversation was modeled after the elliptic or telegraphic fashion prevalent among gentlemen of his class—a form of utterance wherein nominative, verb, object, pronouns are supplanted by "ums," "ahs," or perusal of the ceiling—and which altogether gives you more the idea of a message framed at so much per word than of an attempt made by a rational human being to communicate with his kind.

"Enjoyed ball last night? Tired. Balls in hot weather deuced mistakes. All balls out of London deuced mistakes." Long pause. "Pretty country, Jersey, for a week. See it all in a week. See everything in a week."

A longer pause. "Know Cheltenham?" "This, when Miss Theodora's entrance had infused temporary vigor into the conversation. "Know Cheltenham well. Hunted there couple of seasons. Deuced slow set of people, Cheltenham people. Warwickshire Stammers—most intimate friends."

Such was Mr. Barry Chester's style; if the style be the man, such was a tolerably fair index to Mr. Barry Chester's mental powers. Fortunately, there hung a strip of mirror above the parlor mantelshelf, in which he could catch distorted glimpses of his charms, as he stood first on one foot and then on the other, pulling restlessly at his mustache, while Miss Theodora endeavored to fill up the gaps in his disjointed talk with high-flown Cheltenham reminiscences of her own. Fortunately, too, as far as Chester was concerned, Daphne's judgment was unconditioned by experience. She had absolutely no standard, either of manner or intellect, of men or books, by which to measure him.

"A most presentable creature, really," Miss Theodora pronounced, when the showy hired dog-cart, high-stepping, broken-winded hecks, mock livery, and all, had dashed away among the vista of sand hills out of sight.

"And, little as one cares for looks in the other sex, so very unusually handsome."

"The man has cold eyes and a hard mouth," said Aunt Hosie, who had been present, critically taciturn, during the last three minutes of the visit. "And he is not a gentleman, either. He is not in spite of all the Warwickshire Stammers in the world. Mr. Chester is ill at ease with himself. He tries his best to forget his origin, and succeeds—just sufficiently well to make you remember it."

"Nor did it please heaven to soften Aunt Hosie's opinions upon further acquaintance."

Before a month was over Barry Chester had contrived excuses for paying two more afternoon visits at Quercus, his attractions each time enhanced by the smart hired dogcart, "betail on fleck," and mock private livery. By the end of a fortnight it had grown to be an accepted thing that the young man should constantly hover around Fief-de-la-Reine, not paying Daphne attentions that as yet could be called serious, but always finding some reason that necessitated his spending long afternoons or evenings in her neighborhood.

Interrupted.

He was in the society of many curates and old maids at a tea party. The conversation had turned on the question raised by the Leeds Physical Society, "Does the Wearing of Hats Make Men Bald?" and he took up his parable. "Not hats, dear friends, but shirts. Now you will have noticed that a man takes off his shirt over his head, thereby dragging the hair out by the roots, whereas a woman—"

Here three teacups dropped.—London Sporting News.

Just as much to be gained in the country as in the city. I had patience to wait for a better will. Why, here in these islands a very good thing might be done in exporting the sheep. Not many horses. If one could only rent a few acres and grow some more in the neighborhood of Quercus, he was certain a moderate fortune might be realized by horse breeding, and at less risk than in any colony going. Fending this—

Pending this, Mr. Barry Chester spent his days—as the winter wore on, his evenings—more and more away from home; wore flashier ties, wore showier jewelry, and showed his proclivities for outdoor life in general by taking a prominent part in the manly exercises of the island. Perilous runs in pursuit of bags of newspaper; steeplechases where the stiffest fence was a furred-crown hurdle; the most fluke before-hand from the parish water cart; trotting matches, pigeon murders, and all such illiterate sports as the limited area of dry land and the shaky financial condition of the Nimrods themselves permitted.

Who should reason with him as to the error of his ways? Not his wife, for certain. Young, ignorant, devoted though she was, Daphne by this time must have entertained suspicions, you may be sure, as to the fitness of stuff in Mr. Chester's nature. But she hid these suspicions jealously, even from herself; believed in all things, hoped all things, never by look or word reproached Chester for his neglect, or questioned him as to the hours that he passed away from her side. And by her reticence unknowingly helped on his ruin!

There are human temperaments so adjusted that the mere contact of virtue seems poisonous to them.

Daphne Vanstittart's simple, truthful character was one to have called forth every higher quality in a lover endowed with ordinary delicacy, ordinary manhood. Upon Barry Chester (who shall say through what hidden moral chemistry?) her devotion acted as a directly evil influence.

Does not the same ray of light bleach or blacken, according to the nature of the substance across which it travels?

It was just a piece of old, miserable, worn-out, thoroughly and honestly believed, possessing in a conspicuous degree that hallmark of incapacity, the habit of laying his failures to the door of others! Circumstances had handicapped him before his birth—for Aunt Hosie's intuition proved correct. Mr. Chester's mother was the daughter of a gamekeeper. As a child his father had sent him to the wrong school; as a lad put him into the wrong profession; and now, just precisely at a time of life when a fellow wants worldly counsel, worldly judgment, he had been fool enough to saddle himself with a wife—a creature with a waxen baby face, a heart and temper sweet—but about as wit, she and the old maids together, to help or guide a man with practical wisdom as if they had all been picked up off some desert island in the Pacific.

From the comparatively innocuous follies of paper hunting and pigeon killing Mr. Chester sank, step by step, to grosser pleasures; was heard at length by the afflicted Miss Vanstittart as frequenting taverns, skittle alleys and the like places of unhallowed resort. He grew morose and silent during such hours of the twenty-four as it was his pleasure to spend at home; threw the quiet household into ever increasing disorder by the lateness of his hours; complained of his meals, complained of Margot's waiting! In due, gave every symptom of the morbid discontent which, born of idleness, shadows all the inner environments of such men's lives with its blackness.

And now, at length, the Miss Vanstittart, taking counsel together—Daphne they durst not admit into their secret—resolved "to speak!" Solemn and warning looks, parabolical hints, leading remarks thrown out at the dinner table—and the small artillery of domestic warfare had long been employed without result. Barry Chester's delicacy was not of sufficiently fine texture to be wounded so long as Fief-de-la-Reine offered a convenient roof under which he might abide free of expense. He must be spoken to in perfectly plain and unmistakable tones, and Theodora Vandertoot, of her own free choice, undertook to be spokeswoman.

Aunt Hosie, to whom Chester's sins of omission and otherwise were specially abhorrent, was yet, at this crisis, the most lenient of the three sisters toward the wrong-doer himself. Just as the law of her own life was effort, so was the law of her judgment upon others mercy. She had the charity born of strength, the insight of a pure, unselfish heart into the temptations and backslidings of her frail brethren. Miss Theodora's imagination exercised itself more upon the fictitious trials of young ladies and gentlemen than upon those of flesh and blood, and her condemnations were unchangeable as a stone-carved decalogue. Barry Chester had felt because he was weak? A cold, that felt that, need not necessarily be bad. Give him time, and under the influence of Daphne's fervent Miss Theodora had no belief in men coming straight who had once sunk to taverns and skittle alleys. And as to his fine friends, as to his interest through the Warwickshire Stammers—"I don't believe," said Theodora Vandertoot, with a kindling eye, "that Barry Chester knows a Warwickshire Stammer by sight!" And the heinousness of his crime really swept away any lingering scruple or pity she might yet have felt toward the culprit.

To be Continued.

We all struggle for that which we can enjoy but for a brief hour.

Shoes for a Giant.

A Calumet shoemaker has just finished a pair of shoes for Louis Molken, known as the "Quincy Hill giant." Molken is 19 years old stands seven feet eight inches in height and tips the scales at 304 pounds. The shoes are sixteen and a quarter inches in length, six inches in width and weigh five pounds each. Molken will use them while at work in the Quincy mine, where he is employed. A number of offers to exhibit the young giant have been made by showmen, but all have been refused.—Chicago Record-Herald.

CHILDREN'S DEPARTMENT.



SOLDIER BEETLES.

There are beetles in England (of the family known to scientists as Telephoridae) that are popularly called soldiers and sailors, the red species being called by the former name and the blue species by the latter. These beetles are among the most quarrelsome of insects and fight to the death on the least provocation. It has long been a custom among English boys to catch and set them fighting with each other. They are as ready for battle as game cocks, and the victor will both kill and eat his antagonist.—From "Nature and Science," in St. Nicholas.

UNFORTUNATELY, ONE TUESDAY THESE

came a visitor with a ravenous appetite. The host staid himself that the hungry one might be satisfied with the day's sector. But he wasn't. With anxious eyes the host saw the knife clearing the boundary line, and the hungry man ruthlessly carved into his almshouse. At last he could stand it no longer.

"Stop! stop!" he cried, as he grabbed the damper and glared at it.

"There," he said, "you've eaten Tuesday and Wednesday, and now you want slice the best of the world's off on Thursday, and I won't know the day of the week."

THE VIRGINIA REEL.

Have you ever danced a Virginia reel? If you haven't, you surely will some day. It is interesting to know what the dance symbolizes, or stands for.

It is an imitation of weaving. The first movement represents the shooting of the shuttle from side to side, and the passage of the woof (crosswise threads). The last movements indicate the tightening of the threads, and the bringing together of the cloth. In some places the boys and girls stand in the row by sevens to imitate the different colors of the strands.—Indianapolis News.

A CLEVER BULLFINCH.

Don was very unhappy when I was out of sight. His cage was hung at first in a glass conservatory, where he had sunshine, flowers and two canary birds for company. But he did not care for them. He wanted something else. He was silent and mooping. So the loving little bird was made happy by being placed in my room upstairs.

It was wonderful how soon he learned to distinguish my step. Often his clear, sweet tone could be heard pouring from his dainty throat. Or perhaps he was silent. It was all the same. The instant my step sounded in the hall below or on the stairs, the whistle ceased, or the silence was broken. "Come here, come here, come here!" I always did "come here." And then the delight of the dear little fellow was touching. Down he jumped to the door of his cage post haste. Then, puffed up like a ball, he bowed right and left, dancing to and fro as if wound up to run for hours. And such a sweet piping as there was, too!

But he never played about the room when I was away. He was too sorrowful for that. His favorite haunt, next to my head or shoulders, was my bureau. He loved to hop all over it; but he loved best of all to mount the big, fat pillow-cushion. It was such fine fun to pull out all the pins and drop them on the bureau seat. Sometimes he carried them to the edge of the bureau and dropped them on the floor.

One day I bent the point of a large pin and twisted it well into the cushion. It was rather naughty, to be sure, but I wished to see what Don would do about it. The other pins came out and were dropped as usual. Then came the tug of war. The poor little bird pulled and pulled and tugged and tugged. The big pin moved, but did not come out. He put his head on one side and eyed it severely. He was not one of the "give-up" sort. He had made up his mind to conquer that pin. He worked very hard for at least ten minutes. Then the plaintive "Come here, come here, come here!" rang out.

A PARTRIDGE NEST.

As I was going through the woods I heard a partridge drumming and so I went up that way. I was with a few of the farm boys. We were picking some flowers called fox gloves; all of a sudden I heard a fierce flutter of wings; looking around I saw a partridge flying away. We all ran to where the nest was. Such a sight as I saw! The feathers lined the bottom of the leafy nest, and fourteen eggs were counted. They were brown and about the size of a nutmeg's egg. The outside of the nest was lined with maple leaves, which were pasted together with mud and a few little twigs.

The nest was against a rotten stump and near a great maple tree, which gave me some very nice syrup this spring. I have kept watch of the nest since I found it. A little while ago I found it.

Can you guess what? Well, I'll tell you—a fine brood of young partridges, with the mother in the middle of the brood, she made a queer noise, and away those little chicks did go for the leaves and brush faster than I could see where they hid.

One little fellow was left. I picked him up; the mother came and tried to fool me by jumping around and making believe she was hurt. You see she tried to make me catch her, so that she could save the young one, or tell it to run away when I ran after her. I knew her tricks, and so I kept my chick.—Melers M. G.—in the Berkshire Industrial Farm Record.

A HOME MADE BALL.

There are many kinds of balls for sale in the shops, but most of them are too hard for ordinary hand playing. The writer of this has never seen anything to equal the balls he used to make for himself when he was a boy, and he wants to tell the other boys how he did it.

Get a perfectly round orange and cut the peel into even quarters, numbering them at one end so as to be able to put them together again in their proper order.

Ask your mother or your sister for a pair of discarded kid gloves with long wrists, and out of these wrists cut four pieces exactly like the four pieces of orange peel. Number them as you did the pieces of peel, and with linen thread sew over and over three seams, thus putting the four pieces together, but leaving one seam open. This is the cover for your ball.

Get a solid rubber ball about three-quarters of an inch in diameter, and on it wind the common woolen yarn of which stockings are made. You can buy the yarn at a shop, or if you can get an old stocking, ravel it out. Do the winding evenly, so as to keep the ball perfectly round, and try it now and then to see whether it is large enough for your cover. You must make it so that it will fit in the cover exactly, and then you draw the remaining edges together and sew them over and over, as you did the other seams.

The boy who uses a ball of this kind will never willingly use any other. It is plenty hard enough, and yet it is soft to the touch, and the rubber centre gives it all the needed bounce.

GUEST ATE THE ALMANAC.

The boundary riders of the great Australian sheep ranches have such a distaste for almanacs that they must keep the wire fences in repair, and see that the sheep come to no harm. It is a hard and lonely life, living, as each boundary rider does, quite alone in the wilderness.

A writer in the Young People's Paper tells of some of the curious ways in which these solitary men keep count of the days. We are indebted for the account to Miss Lena Gould, Beaverton, Mich.

An old man, who had lived in the back country for thirty years, used two jam tins and seven pebbles. One tin was marked "This week," and the other "Last week." On Monday morning he would take a pebble from "Last week" and drop it into "This week," and one every subsequent morning until "This week" had swallowed the seven, they were returned to "Last week," and the old fellow knew that another Sunday had passed.

Another man had tried and failed with several plans. At last he hit on a new idea. He made a big damper (cake of flour and water) on Sunday night, and marked it into seven sections, each section being a day's allowance, so that every time he picked the damper up the grooves would remind him of the day.

AGLE AND HIS KESPEACE.

The Central Emergency Hospital had a curiosity yesterday in an intoxicated and unkempt laborer who knew his Shakespeare "from end to end," as he expressed it, and who proved it to the entire satisfaction of a skeptical audience. T. J. Nagle is the man's name, and his occupation that of a marble cutter. He had fallen down a stairway at Eighth and Mission streets, and a cut over one eye had been the result. While Dr. Kusich was sponging the man's face he began to talk about the Bard of Avon. Nagle made the assertion about his intimate knowledge of Shakespeare, and when he was asked to furnish proof, he arose, intoxicated as he was, colorless, and with his clothing streaked with marble dust, and recited correctly long sections of "Amlet," "Richard the Third" and other plays.—San Francisco Chronicle.

RECAPITULATION OF THE GARDEN.

The following is quoted by the Gardeners from a French journal in report: "To cut off his head is the most serious insult that can be shown to a Cambrodian; happily, this prejudice is not shared by the other people of Indochina."

There are more than 4,000,000 steel pens used up every day in England.