ISONS IN MURDER.

the Subtler Drugs Seldom Hearq cept in Novels and Plays.

ent newspaper article," said in, "called attention to two cts, or rather, alleged facts, on: "First, that it is so selted to by murderers; and at its use is almost invariwed by detection. One might th statements with the quesdo we know? How do wa the few clumsy cases that tht represent the sum of that ime? It is undeniably true are certain drugs which, if ed with skill, would be alssible to detect. Their symppractically identical with miliar diseases, and a little r death they decompose, m and disappear. It would , too, to innoculate a victim erms of some deadly malady. then go to his grave with a consumption or pneumonia

se the shadow of suspicion irmly that such crimes are and never discovered, but so that they are very rara afeguard of a community fact that so few murderers requisite skill. d people seldom commit de arder," continued the doc-

and there would be noth-

e uneducated mind instinc iates poison with two subsenic and strychnine. They dly drugs most familiar te and fortunately

RE EASILY DETECTED. arsenic is infinitely clumsy. th, the symptoms are markaliar, and being a metallic traces remain in the body e time. Last summer a woelona, Spain, confessed that soned her sister with arseears before. The grave was the coffin found to contain dust and ashes, but a t showed unmistakably the the drug. Mrs. Maybrick of killing her husband , and the test revealed it only in the remains, but nedicines. The demonstraconclusive that she finalcourt and admitted giving powder,' but insisted that his own express direc-I the most ingenious cases I have ever heard of ocyears ago. A young phyd to kill a wealthy farmw the latter was taking a cold, and meeting him ted to see what size capd. While pretending to m, he slipped in one conchnine. The farmer hapnearly a week later and vulsions. An autopsy reoison, but the affair was ery until the doctor comle, leaving a written con-

nings that occur in novhe stage are usually very a student of toxicology" sician, in conclusion. Samuel of Posen, which with such success by M.

drummer hero was tem ked out by

ISONED CIGAR. or three whiffs and over would like very much te ne of the drug that would

sort of effect. Nearly all in fiction is equally surre is a well-known Engin which the heroine inrance of a bunch of roses falls dead. Needless to oned perfume is wholly science. Another storykeep on citing instances story isn't much better. arns of the Borgias and ure moonshine, especialpoisoned gloves, poisond other applications of igs that are touched of tale of the book which on the margins with some nce that killed the pertened his fingers to turi is possibly a foundation I confess I would be ow how to prepare such lost anything that might l instantly betray itself In the middle ages pow said to have been a favwith which to 'dector Il find some interesting subject in the autobio llini, the goldsmith. It used by negroes right uth. Of course, powder a true poison. It some setting up internal in Oftener it has no effect

S OF HYPNOTISM.

of the medico-legal as otism, the question has whether the hypnotized physically or mentally ion, and whether the sposed to fall victims to vdney Kuh finds that pathelogical and not \$ condition; that its use to too frequently, it on mental deteriora cautions medical men the public, to be ex ous in placing person influence, which ma! of chronic headache, of of hysteria. At times serious effect upon pre l disease; and it has even produce an attack n skilled hands, and d, hypnotism may be of otherwise it is besel dangers

Floriculture.

THE DEAR CHRYSANTHEMUM. ofter the summer flowers are gonedaisies and the violets, morning-glories sweet as dawn, the roses which no heart forgets-

autumn's crisp and spicy air, While yet the frost is just before, their faces lifting bright and fair, Behold a throng at winter's door! they dare him, with their laughter

to enter, bringing ice and snow, ther bid him wait, and day by day, braver grows their splendid

Oh! radiant, rich chrysanthemum, We love thy reign, thy spell we Still linger, though the birds are dumb, ici woodland ways are chill and

CLEISTOGAMOUS FLOWERS. No not be dismayed by this long name. It designates a peculiar class of flowers, one which is particularly interesting to the student of vegetable biology, and illustrates one of the most curious ways in which nature sunggles against the extinction of a

without petals, which are self fertilized in the bud before the calyx opens, and which follow, during the summer and early autumn, the complete flowers with petals which cease to appear after their early flowering season is over. They may be regarded as ordinare flowers arrested in growth, so that they never open; the pollen of the anthers fertilizes the pistil within the enveloping calyx and seeds are thus produced.

Take, for example, the common violet-Viola culcullata V. pedata, V. sagittata and others. The complete flowers very rarely indeed produce seed. Examine them and you will be surprised at the absence of pollen and the usual floral organs or reproduction. It took as close and painstaking an observer as Mr. Darwin to discover that violets, as we know them, ever gave seed. He found they do in very rare cases. They descend for seed production on their cleistogamous flowers-aborted flowers that are hidden out of sight at the bases of the clustering leaves, as if the plants were anxious they should not be seen. Sometimes these vale, colorless blossoms, lie close to the ground or are even buried in it. If we force them open we find within the cap-like calyx a few anthers laden with pollen grains, and the pistil-the necessary organs to make a flower.

The name for this class of flowers is comparatively new, but the fact of their existence has been known for many years. Salmon, a writer of the violet consists of five petals, and a on their short footstalks, in which is formed. contained round white seed, but these the flowers grew, but apart by them- | patient: selves, and being sown, will produce Others like unto itself."

it was none of the pretty blue blos-Pale, wan, deformed flower buried in the earth-a flower you would notice as "queer" and regard, perhaps, as | what it is, a floral abortion or mon- following:

strosity-was its source. plant addicted to the cleistogamic habit-that this peculiarity was first noticed, but within the past thirty years had been sitting for a long time." quite a list of plants bearing this class of flowers has been made out. The seeds of cleistogamous flowers are quite numerous, so much so in fact, that as some anthers bear only about twelve pollen grains, it is thought possible one grain may perhaps fertilize more than

one ovule. The seeds produced by cleistogamous violets are contained in a three-celled capsule, and when the seed has matured in all the valves, the latter contract, pressing the seeds out, which then fly out much as a bean flies from the fingers when pinched. There is a popular saying in England that the violet "breeds fleas." This no doubt originated from the brown seeds

being ejected in this way. Mr. J. L. Taylor, in his "Sagacity and Morality of Plants," says the cleistogamic habit is "an act of floral bankruptcy," an evidence of poverty, indicating the inability on part of the plant to expend much energy in inflorescence. It costs comparatively little to paint the corolla; to provide these gay petticoats with the pollen necessary for seed production grain. My Taylor says:

of humanity. As much of the old show sixteen horse-power engine. is kept up as the plant can possibly afford, and there are few species which do not bear ordinary flowers, as if nothing were the matter, while the dwarfed and aborted cleistogamic flowers are hidden out of sight as if the plant were apaious they should not!

be seen. The best possible is put on SCENES results for the occasional crossing the conspicuous flowers get enables the seeds to gain back some of their old vigor or to stay off the evil days of extinction in which pure cleistogamism might end. The conspicuous flowers are not borne every year by some plants-they cannot afford such a luxury. And one or two kinds bear flowers which are of no good whatever for they are never found fertile, so in their case we must regard the habit as a survival, or as an indisposition to give up the old floral life and rank.

GARDENING RULES.

Keep your flower pots washed clean. If old ones, paint them. Small wooden boxes, if no pots can be had, are much better, especially if painted, than tin cans. A little box, with clean sand, always comes in nice for sticking cuttings in. Pick off all flowers as fast as they fade. Do not let plants bear seed unless you need it. Plants that have grown in the same pot for a long time should be re-potted. If not convenient to do so, give them a good top dressing of manure. Straggling plants should be cut back. Tall ones need strong but slim stakes. At this season of the year pot plants should not be exposed too long to the fierce rays Cleistogamous flowers are flowers of the sun. Liquid manure may be aping plants, and will increase the size of the flowers.

JAPANESE MEDICAL JOURNALS

Their Scope and Number-The English That One Finds in Them.

The Sei-I-Kwai Medical Society of Japan, which means The Society for the Advancement of Medical Science,, keeps on file in its library between thirty and thirty-five native publications devoted to medicine besides at least as many foreign medical journals. The society also publishes a medical journal of its own, and part of the articles are in English, to meet the demands, it is explained, of the many English speaking medical men in

A recent issue of the Sei-I-Kwai Medical Journal, No. 6, of volume XVIII., seems to prove that the doctors of Japan are interested in much the same subjects that engage the attention of their brethren in America and Europe. There are papers upon diseases and remedies, reports of interesting cases, and an article in Japanese on "The Progress and Education of the Dentistry in the United States." The title of the article as thus given in English upon the cover of the periodical betrays a weakness that crops out in an occasionally amusing blunder in the use of English. It is interesting to note that the most troublesome snares for those that write in English for the Sei-I-Kwai Medical Journal, time of Queen Anne, nearly two cen- seem to lie in the particles of the turies ago says: "The flower of the language, though there is an occasional coupling of a singular noun with a plural verb, and vice versa. The use short tail; after these come forth the of words is usually precise, and the round seed vessels, standing likewise sentences for the most part are well

In an English article on a case of Thomsen's disease, this piece of in-

"Four years ago he practiced 'Judo for about three months, and every and lower extremities, which, howbody became easy and free."

It is quite likely that it was in the of the stiffness in the cheeks, trunk, pany houses are not provided with violet-which is the most common &c., after he performed a comparative- heat. The buildings, like the beds, are ly mild muscular effort, or when he also arranged in rows, consequently had a long conversation, or when he each regiment is a little village in it-

tence, thus:

hammer was drawn lightly across the Each Captain has a room to himself, skin, as over the chest, back, lower ex- while the Lieutenants bunk two in a tremities and other parts, there ap- room. The officers can pass the time peared, after a lapse of a few seconds, pleasantly, as the ample grounds proa red line in the part irritated and it | vided contain several tennis courts, slowly converted into a distinct swel- while within are at least one billiard ling which disappeared after being room, a well-stocked refrigerator and persisted for from fifty minutes to an a club room for lounging, smoking and

when his attempt was passively as- seldom abuse the privilege. sisted by, all the fingers were so rigid that it seemed he would not have con-

AUTOMOBILES IN WAR.

The German military authorities estimate that by the use of automobile baggage-wagons, ambulances, and so forth, the mobility of an army in a is impossible. Ordinarily, nature ab- country of good roads can be vastly hors self-fertilization, and takes infin- increased. In England, recently, ite pains and resorts to many odd de- "motor scout" was exhibited. It is vices to prevent it. Here poverty com- a petroleum automobile wagon carrypels her to it, and to resort to a strange ing a Maxim rapid-fire gun. A varimethod of saving every precious pollen ation of this type of war car carries two Maxim guns in revolving turrets, "In this bitter fight with poverty, and an electric search-light. It is also there is a touching episode savouring plated with armor, and driven by a

WANT AD.

Found, a dog; a brindle pup; Nor can I sell or shake it; If anybody wants a dog, I wish they'd come and take it.

TOMMY ATKINS AT BRITAIN'S FAM-OUS WAR SCHOOL

How England's Soldiers Are Trained for War on the Great Camp Ground-The Men Are in Splendid Physical Condition for a Hard Campaign.

Probably before this appears in type the roll of the drum will be heard on the plains of South Africa, calling the regiments of Britain to arms against the Boers. But it will not surprise Tommy Atkins any. He has been expecting it for some time, not only in Cape Colony, but here on Aldershot plains, says a recent letter.

When there is a war on hand the average British soldier generally finds out sooner than many of the government officials, on account of certain orders issued from the War Office. The orders call for preparations which point to one thing-trouble ahead. To the civilian they might mean nothing, but the grizzled Sergeant, perhaps just back from India, or who was with Kitchener in Africa, shrugs his shoulders when he sees what is posted on the company bulletin about extra inspections, issues of warm-weather plied one a week to all vigorous grow- clothing, instructions to the ammunition officers, etc. All have the same meaning to him. Three months ago here at Aldershot the old soldiers were settling the question as to how long it would take to whip the Boers, between their pipes after mess, while ganese. the younger Atkinses stood around in silent groups in admiring silence. Perhaps some of the officials at London might have profited by these discussions, for the veteran fighters appreciate what it means to run up against not be like quelling an Indian mutiny or civilizing the Samoans with rapidfire guns.

> But Tommy Atkins is not afraid and Thanks to his experience right here, he | will be to keep a hen. is ready for the struggle ahead. His muscles are hardened by the long marches, his nerves so steady from sleeping in the air of the piney woods easily with the service rifle. Exposure during the forced marches and bivouacs in dog tents has toughened him against the climate in which he must fight. He drills like a machine from daily practice on the field, and, take him all in all, ha is in prime condition for a long campaign of it-such as he will probably have.

Aldershot is probably the finest place in Britain or on the continent for a great camp. The soil is naturally porous and so sandy that water can not stay on any part of it for a moment after the rain ceases. It was originally one of the few pine forests, and still considerable growth of these trees remain, enough to permeate the air with health-giving odor. When the British War Office secured the camp site it constructed an extensive sewerage system, so that the sanitary conditions are nearly perfect. company has a substantial brick home. At one end is the kitchen, where enough is cooked to give every private a good-sized chunk of roast beef or other meat; at least two vegetables, a half-pound of bread and a pint of tea daily, to say nothing of his portion of stalks rise not from the stalks in which formation is vouchsafed touching the biter or stout hardtack, as well as marmalade. He has a good solid ration every day, and is in shape usually to eat every ounce of it. Each man So, if you see a seed capsule on a vio- time he began to try that art he suf- has a locker for his accourrements and let plant you may be quite certain that fered from the cramps in the trunks clothes and a bunk with springs to himself in the rest of the quarters. soms that produced it, but that some ever, often two or three sets of the The bunks are placed in rows, and aftpractice were ofer become gradually er the call for inspection in the mornthe mould, or laying its head close to yielded to and the movements of the ing can be found as neatly made up as if the work were performed by an In the next paragraph occurs the expert chambermaid. As Aldershot is used principally for movements in "Recently he became to feel a sense | the spring, summer and fall, the comself. About five of these villages The Japanese doctor's English seem | comprise a division, in front of which occasionally to have run away with is an officers' building, a substantial him when he attempted a long sen- two-storey affair, with suites of rooms for the General commanding, and the "When the handle of percussion different Colonels and their staffs. card-playing. The Queen allows her Another long sentence ends: "And officers plenty of latitude-and they

This year Aldershot has been the camp ground of from 20,000 to 25,000 sented intentionally, to have them ex- men at various times. Such a number gave an opportunity for elaborate manoeuvres, such as marches over the distant hills, covering fifty to seventyfive miles in area, also sham battles, cavalry dashes and field movements, with infantry, cavalry and artillery. In fact, the commander, probably realizing what is in prospect, has put the various forces through about everything in the art of war except actual fighting, and Tommy has had but little on account of your money, dear. time to saunter over to the town itself, with cane under one arm, and his latest girl on the other. The principal drill grounds are three in number. The smallest will allow 2,000 men to be handled by regiments or battalions, parade will accommodate a division, age is 3,000 hours. In America it is with room to spare. It is a perfect 2,100. field from a military standpoint, with a slight eminence containing a clump of trees from which the commander

rifle practice, also for artillery work, and the result of the programme carried out here will tell when the rifles, large and small, are turned on Kruger's men and towns, for some remarkable records have been shown at Aldershot this year.

EGGS FOR ALL ILLS

A French Chemist Claims to Have Made a Remarkable Discovery.

For countless ages the long suffering hen has been an overworked creature. Her humble occupation of laying eggs, has brought her little glory, and yet she has never complained. She has cheerfully performed her duties, and when old age has incapacitated her for further usefulness as an egg producer she has accepted with fortitude her fate as the central figure in the homely potpie of the enigmetical boarding house stew. But it is as a patient layer of eggs that her life work is best known.

Now, however, fame promises to perch on her brow, and her faithfulness to duty is about to be rewarded. A French chemist has discovered that hens can not only digest iron easily, but that it is transmitted to the albumen in their eggs. In his experiments he has given salt of iron to hens with their regular diet of cracked wheat, ned for some time. The mutineers and has found that they produce eggs highly impregnated with a health producing property, which is in turn readily digested by the human stomach. The Frenchman is said to be experimenting in a similar manner with other drugs, notably pepsin and man-

Here are untold possibilities for the hen. She may eventually drive the manufacturer of pills and powders out of business entirely. If we have dys- plunged a long galley knife into the pepsia the hen will lay an egg for us that will cause us to feel at peace with all the world. If our liver is torpid there will be an egg for that. For a Kruger's forces, and they know it will bad cold take an egg impregnated with ed the captain lying on the deck, alquinine. In fact, the usual query, How will you have your egg this morning?' will assume quite a new 1mportance. The time may not be far distant when, instead of having a fam- stabbed in the back. Big George callhe has not been taken by surprise. | ily physician, all that will be necessary

IN CASE OF FAINTING

that he can drop his man at 500 yards Persons Should be Allowed to Lie Flat I pon Their Back.

Fainting is due to a temporary and transient weakening or pause of the heart's action, which causes a suspension of the circulation of the blood in the brain. It is this fact which causes peared to come to the conclusion not the loss of consciousness. This is accompanied with a loss of muscular power, so that the person, if stand- in the blood of the captain and swear ing, falls.

If people would only understand and constantly remember that nature wisely takes care of the person who faints, and put them in the best position for recovery-that is, lying down the victims, and the bodies, with a -the foolish practice of making a kedge anchor attached to them, were has fainted, sit up, would cease. This | bodies were see to float past the stern is the very worst thing that could be of the vessel. quired at all in fainting. The first, bos, now occupied the officers quarhend must be as low as the body-then bos stayed in the forecastle, so that will return immediately.

Holding smelling salts to the nose tends to excite the nerves of sensation, and by arousing the brain and heart to renewed activity, are useful.

GOT THE JEWELS.

A New Game Recently Worked on a Paris Jeweler.

A swell young woman not long ago drove up in a handsome private carriage to a well-known lunatic asylum, situated a few miles from Paris, and requested to see the proprietor. Her wish being acceded to, she informed the doctor that she desired to place her husband under his care to see if a cruel mania, under which he labored, viz., "that he had lost a large quantity of jewels," could not be re-

After some hesitation the doctor consented, and the woman drove away directly to a jeweler's in Paris, and selected jewels to the value of several thousand dollars and requested one of the shopmen to go with her in her carriage to procure the money for the goods she had taken. She drove with him to the asylum, and, arriving there, he was shown into a room.

The lady then sought the doctor, told him of the arrival of her husband. and, getting into her carriage again drove away. The rest may be imagined, but the poor fellow was confined several days before it was found they both had been "sold," and the lovely lady never came back.

THOSE GIRLS.

People say he is courting you only They never make such remarks about you, dear.

AHEAD OF SUNSHINE.

Spain has more sunshine than any without difficulty, while the Queen's country in Europe. The yearly aver-

ISLAND OF LAKES.

every regiment. One section of the Newfoundland is covered with fresh like over the fence to Mrs. O'Toole with camp has been provided with butts for water, mostly in the form of lakes.

THE DISAPPEARANCE OF THE CARS-WELL, OF SWANSEA.

The Scene of a Terrible Multay-Left New South Wales Last February, and Has Not Since Been Heard Of.

With the disappearance of the barque Caswell, of Swansea, which left South Wales in February of this year, and has not since been heard of. there vanishes the scene of one of the most thrilling stories of mutiny with which Englishmen have been associated says a London letter.

Twenty-three years ago, on January 1st. the Caswell sailed from Antofagasta, Chili, with a cargo of nitre, Among the hands shipped at the port were a Greek named B'g George, two other Greeks named Christos and Nicolas Bambos, and two Maltese brothers, Giuseppe and Gaspas Pastores. The Britishers numbered nine.

Three days out from port Captain Best was on deck showing Big George some work. The Greek was on the bulwarks, and, jumping down, he plunged a knife into the captain s body, This was evidently the first step in the terrible plot, which had been planwere the five foreigners, and all were now at hand armed with knives and revolvers. William Wilson, the mate, who was forward, ran afr, but as he was passing the galley he was seized by Christos Bambos and Nicolas.

The mate cried for mercy, but they said "No; no mercy," and Nicolas poor fellow, stabbing him to death, The Maltese brothers now came on the scene with revolvers, and as they passmost disembowelled, they shot him in the head. The second mate, Allan Mc-Lean, was shot in the arm and then ed the steward, Edward Griffiths, up from below, and when he appeared at the companion hatch caught him by the hair of the head, and almost cor him in two.

MURDERED THE CREW.

Peter McGregor, the carpenter, fastened himself in his room. They called "Carpenter, carpenter!" but Mc. Gregor would not open the door, so they left him alone. They apto kill any more, at any rate just then, but McGregor, finally coming out of his room, they made him kneel down to his God that he would help them to the best of his ability.

The bodies of the four men were laying on the deck, though the second otficer did not appear to be dead. A rope was tied by Big George round all pillow of something to put under the thrown overboard. The kedge anchor, head, or trying to make the one who however, became detached, and the

Usually no treatment is re- | The mutineers, except Christos Bamthe indispensable thing to do, is to ters, and put on some of the clothes lay the person down flat at once-the | which they found in the rooms. Bamraise the legs and body a few inches the Britishers could not confer tofrom the ground, the feet six or eight | gether respecting their terrible situain thes, thereby causing the head to be tion. The name Caswell was painted lower than the body, and consciousness over, and everything on board with the name Caswell on it was thrown into

> On February 19th the two Maltese left in a lifeboat. The night before leaving they told two of the men, Dunne and Carrick, not to go to sleep, as the Greeks intended to murder

RECAPTURED THE SHIP. On March 2nd the Englishmen armed themselves with hammers. The carpenter took a hatchet, and Carrick an adze, and they rushed forward. Bg George met them half-way with a knife in his hand, and it was then a case of life or death for all. McGregor struck Bg George on the head with the axe, felling him to the deck, and the others struck him with riveting hammers, and left him for dead on the deck.

The Englishmen then went to the state-room for Nicolas and Christos, Nicolas fired three shots, which lodged in the cabin side. The adze and hatchet now did terrific work, and all the mutineers were in the power of the English. Big George and Nicolas died. Christos Bambos recovered, and he was kept bound and manacled on deck. Christos afterwards confessed that the Greeks intended to take the vessel to Samos and try and sell her quietly, with her cargo of nitre, to a Greek merchant, but if they failed they intended to kill the Englishmen and sink the vessel.

On May 13th the Caswell was brought safely to Queenstown by the three British heroes, assisted by two apprentices, M'Donald and Ferguson.

NO SALE WAS MADE.

Agent-I should like to show you madam, this patent bag to hold clothes pins. It costs only twenty-five cents and, you see, slips along the line, making it much easier to get at than te stoop to the basket every time.

Mrs. McLaherty-An' phat's the matter wid me mout' that costs not a blissed cint an' is always wid me, I'd like to know! It's mesilf that can Nearly one third of the surface of howld a dozen o' pins and be sociable