THE DIPHTHERIA CURE.

Public Subscriptions in France and May Benefit.

The remarkable discovery of Dr. Roux, the devoted collaborator of Pasteur, for the prevention and cure of that most fatal of infantile diseases, diphtheria, is now attracting attention.

The remedy consists of subcutaneous injections of serum of the blood of animals inoculated with the poison of the diphtheria bacillus.

The success which has attended the employment of the serum has



DRAWING THE BLOOD FROM A HORSE, cian.

pensive, within reach of the poor as loo.

well as the rich. In the majority of cases children suffering from the disease do not succumb to asphyxiation, as is common-

mitting no one to enter the premises but known friends, and frequently having to face deperate, drunken Germany So That Poor People rioters, who were searching for Mme. Lecayo everywhere,

> the close association of three days winter quarters of its species has with the pretty young donna had been described by the greatest nateducated in New York, at Paris and | birds of the same species. at Madrid, and besides the usual accomplishments which young ladies derlying the impulse to migrate may

been so great that it is being gen- equally well known in St. Louis and callow brood in obedience to this erally adopted in France and Ger- New York. His great-grandfather mysterious instinct. The force that many, where public subscriptions was an officer in the Imperial Guard is stronger than the devotion of have been opened, so as to place the of Napoleon, and fought under the motherhood must indeed be great. saving fluid, which is necessarily ex- Emperor up to the crash at Water- Th re is no evidence to prove that

Chinese Politeness.

of the anti-diphtheric serum confers just returned from China, and who joys and cares of parenthood. immediate immunity, but does not has been publishing his impressions act as a counter-poison until some of the Chinese people, declares that build in the same chimney seven



MANUFACTURE OF THE SERUM

hours later. In cases, therefore, in writing a letter to a perfect stranwhere the ravages of the poison are ger a Chinaman calls his correspontoo advanced the serum is non-effect- dent "my elder brother." The lative. Neither has it any influence upon ter begins with such a phrase as other maladies by which diphtheria "May all the blessings of life be is often complicated, such as meas- showered upon you, such is the wish les, broncho-pneumonia, etc. But it of your imbecile junior.' is a certain cure for cases of dipthe- In speaking of his own family the ria pure and simple, if taken in time, writer says: fail to save.

upon in Paris are young and per- illegible. fectly healthy animals, but are mostly unfit for harnessing, owing to defects in the legs.

The treatment of a case of diphneedle.

How an American Saved a Girl and Then Married Her.

Mr. Peugnet went to Bluefields his dead body.-[London News. some time previous to the uprising, and was engaged in business for St. Louis houses throughout the isthmus. When the trouble came on and the ladies, who were eqposed to the most presenting a somewhat irregular sur- ing .- [Atlanta Constitution. troops, left his wife and her sister in shod feet. A drain ran down the centhe village, not anticipating any tre of each street, under the granite emeute, and it was these hapless slabs, into which, between the joints, streets, and there during the whole did not run, as was not infrequent, net, cutting it so as to let the torpe-of the sack and the fighting he kept the slabs were raised, and the drains do pass through and strike the ship. guard over them, gun in hand, per- cleaned out .- [Century.

"We auts." and will thus be the means of pre- dress on the top of the letter is, serving many a little life which the "From my humble cabin to the glori- haps the most acute of any creature, methods hitherto employed would lous Palace of Pearls of my elder and the sense is almost more widely brother," and the preamble is, "To diffused over the retina than is the Experiments have shown that my excellent and benevolent elder case with man; consequently a bird horses furnish the best and largest brother, who ascends the staircase of can see sidewise as well as objects in quantities of serum. The blood is honors." At the end is the form, front of it. A bird sees-showing tapped from the jugular and fur- "The undersigned, your most obedi- great uneasiness in consequence-a

nishes a serum of perfect limpidity. ent monkey, raises his hands in sup- hawk long before it is visible to man; The operation causes no pain what- plication to Your Excellency in order so too fowls and pigeons find minute ever to the horse, and is performed that Your Excellency may deign to scraps of food, distinguishing them once a month, when about four quarts approach the miserable ruins of our from what appear to us exactly of blood are procured, the loss of house." Finally, as a further token pieces of earth or gravel. Young which does not weaken the animal of humility, the signature of the chickens are also able to find their excessively. The horses operated writer is so small as to be almost own food, knowing its position and

Slept and Died in a Coffin.

theria requires fifty centilitres of named Vaszary Kovacs, died in Hun- of all those that nest on the ground serum, which is injected by means of gary on Wednesday. He had been —can see quite well directly they a small syringe fitted with a needle a Honved in 1848, and then became come out of the shell, but the young at the point. The operation is so a popular comic actor. When too of birds that nest in trees or on rocks simple that in case of necessity any old to go on the boards he discovered are born blind, and have to be fed .person could attempt it. The liquid a strange occupation, which harmon- [Boston Cultivator. causes a swelling about the size of a | ized with the hobbies he entertained walnut, which, however, subsides in all his ife. For a small fee he carten minutes, and the patient, experi- ried the wooden cross customary in ences no pain beyond the prick of the | Hungary in al! the funeral proces-ROMANCE FROM NICARAGUA. (our correspondent says) he played contributing so beneficently to our and flowing white hair, the wooden the scientist, but the "average man," A very romantic wedding was cross in his right hand, and the left is constantly on the alert for everysol; nnized at Blueflelds, in Nica- on his sword, he was a conspicuous thing pertaining to scientific affairs. ragua, recently in which a St. Louis and dramatic figure. For the last Illustrative of this modern trend we boy widely known in the best circles twenty years of his life he slept in find that the number of science in the town, Louis D. Peugnet, was his coffin, which, with his own hand, schools in England has nearly doubled married to a young lady whose life he had painted in the national colors in the past ten years; the number of and whose sister's life he had gailan- of Hungary. He died in the coffin, pupils has also more than doubled, tly protected during the worst time and his last wish was that the lid and the payments to science schools in the recent revolution in Nicaragua, should be merely nailed down over on the results of the examinations says the St. Louis Globe-Democrat. him, and that no one should touch have increased by more than \$30,000

Chinese Street Paving.

appalling perils. General Lecayo, face, the face of each slab is generally who commanded the Nicaraguan worn smooth by the treading of unwomen who fell to young Peugnet's percolated rain-water, fluid refuse, charge. He got them safely into a and house slops. These liquids ran successful, it is said, in recent tests. stone house, with a large, well out into the main tidal canals which They are fixed to the head of the torguarded cellar, on one of the side intersected the city, and when they pedo and fall apart on striking the

MIGRATION OF BIRDS.

Mysterious Instinct That Leads

Them Through Vast Distances. The instinct which guides a young When order was restored and it bird, without either experience or was safe for the ladies to reappear, the help of its parents, across vast Mr. Peugnet evidently found that expanses of land and water to the sealed his fate, and he proposed and uralist and sage of modern times as was accepted upon the raising of the "the unknown power." While the state of siege. There were paternal necessity of obtaining an adequate and maternal consents and blessings amount of food is, undoubtedly, an to be secured both in Nicaragua and important factor in the cause of mi-Missouri, but the gallantry of Peug- gration, it can only have a partial net's defense of the ladies in the one operation, inasmuch as the spring place and his father's pride in the journey northward is commenced young man's pluck and endurance in from a country teeming in many the other made all this mere formula, cases with desirable supplies. An-The new Mrs. Peugnet comes of other inexplicable phenomenon, one of the oldest and wealthlest Cen- which proves conclusively that tral American families. She is an neither food supplies nor climatic heiress, and is connected in that difficulties create the impulse for carefully guarded line of the "gente change, is furnished by the crossfine' with most of the Spanish- migration which goes on regularly American aristocracy between the during the autumn between this City of Mexico and Bogota. She was country and the continent among Some idea of the great power un-

of her station have, she is a finished be gained when it is mentioned that linguist and a highly trained musi- swallows have been known to perish rather than forsake their young in a Louis D. Peugnet bears a name fire, yet they will leave their second any of our summer visitors breed in their winter quarters with the exception of the sand martin, so that doubtless the mere desire to perpetu-Whether or not the Chinese put a ate the species governs the flight ly supposed, but to the poison secre- term insulting to Japan in their de- north. This theory is based upon ted in the throat by the microbes, claration of war against that coun- the fact, that while the flight south which contaminates the blood more try, they seem to be, under ordinary is led by young birds of the year, the or less speedily, according to the vir- circumstances, the politest people on journey north in the spring is led by ulence of the attack. The injection earth. A German-traveler who has old ones that have already known the

Marked swifts have been known to years in succession. Birds have a marvellous faculty for calculating time, as is proved by the fact that some species arrive and take their departure to a day, and this without reference to the weather, although it has been ascertained that they dislike a following wind as much as a head wind, on account of the disarrangement it causes among their flying and steering feathers. Why the kingouzel sometimes migrate: singly and at others in flocks is as inexplicable as the local limitations of the nightingale. The latter bird does not extend its range further west than the valley of Exe, nor much further north than York. Birds are wonderfully conservative in their migratory routes, the quails pursuing the same course to-day as when they 'came up and covered the camp of the Israelites." These great aerial the safest to and from their winter resorts, according to man's judgment, but there is strong geological authority for supposing that their fardistant progenitors flew over narrow necks of land where water now exists. In clear weather birds perform their migratory flights at immense altitudes, but in dull weather, when neither moon nor star is visible, they fly low, and their ranks are thinned by enormous losses .- [London Speaker.

Acute Vision of Birds.

Birds have very acute vision, perhow distant it is as soon as they are hatched, whereas a child only very gradually learns either to see or to understand the distance of objects. An interesting and original person, | Several birds-apparently the young

Popularity of Science. As scientific research has so much sions of the capital. The last time to do with our daily life, our comhe was noticed in this part, which forts, our health and happiness, as like a true actor, was at Kossuth's commercial profit and safety, it is funeral. With his snow-white beard not at all surprising that, not only since last year. This country being more progressive than England, there has doubtless been a much greater advance. In fact, technical, indus-The street-paving in Canton was of trial and manual training schools rioters seized the town, young Peug- loose granite slabs laid crosswise, have been opened in every important net and several other Americans about nine inches through, and as city, and the demand for such pracarmed themselves to protect the long as the street was wide. Although tical education is constantly increas-

"Torpedo Soissors."

"Torpedo scissors," a new form of torpedo net cutters invented by a Danish naval officer, have proved - New York Dispatch.

AT A MOMENT'S NOTICE.

In Some Fine Homes Chairs and Tables Are Entirely Unknown--The Guests at Dinner Squat on the Floor -- The Beauty of the Women and Their Beautiful Surroundings -- A Description in Verse.

described as a sort of dolly's house Missionary Lands," writes: magnified to a thousand diameters. "All wood and wicker and white pa- study. She is almost always small.

birds enliven the scene.

raised a couple of feet above the pretty. Her complexion is generally ground. Here the foreigner removes rosy, her eyes small and almondhis boots and the Japanese his san- shaped, but bright and playful; her dals. The divisions of the rooms expression kind, frank and refined. are sliding panels, ingeniously ar- Her hair is black as a coal, and usuranged in the grooves to inclose a ally combed up in front in a sort of space at the pleasure of the house- pompadour fashion, and tied behind

slight grave. Her steps are made upon the flat of the foot, the toes ROOMS MADE ANY SIZE TO SUIT not being used more than in walk- On her brow place a circlet of gilt filigree. ing. Still, in the undulations of the body, the serpentine movements of the hands and arms, and in her complete pantomimic skill, the Japanese danseuse shows marvelous agility and

The Japanese lady is a dream. Even so sober a judge of feminine beauty as the Rev. Mr. Simpson, of New The Japanese home has been well York, author of "Larger Outlooks on

"A Japanese woman is a pretty Indeed, they all seemed to us like Almost every house in Japan, how- girls of 13 or 14. Their dress is ever humble, has a garden. Some of very like that of the men-a loose these gardens are very beautiful, robe, with immense sleeves that hang with huge leaved palms, shady ma- down like wings. This robe is folded ples, bending bamboos and bright around her person, left quite too colored shrubs and flowers. Bum- open at the bosom, and fastened blebees, broad-winged butterflies, around the waist with a sash, which half-tamed crows and sweet humming terminates over her loins in a great square bow like a butterfly. The entrance hall is a platform face is round and full and always

JAPANESE AT HOME. or interweaves her paces with but From beneath her red jupon's elaborate And a hairp'n of tortoise shell, dainty to

Curlot & Property of Aluminum.

Charles Margot, preparator at the physical laboratory of the University of Geneva, has recently made a curious discovery concerning aluminum. He has found that if glass be rubbed with a piece of this metal, very brilliant markings will be obtained that no amount of washing will cause to disappear. This property of aluminum of adhering firmly to glass, and to silicious substances in general, is especially manifested when the rubbed surface is wet with water or simply covered with a stratum of aqueous vapor.

Mr. Margot has constructed a small aluminum wheel which revolves very rapidly and with which he makes designs upon glass after the manner of ordinary engravers. The designs are metallic, chatoyant and brilliant, and, by burnishing with a steel tool, they may be even made to have the appearance of metallic inlaid work. The adhesion is absolute. But it is necessary to see that the glass as well as the aluminum point are per-

fectly clean. This property of aluminum permits of immediately distinguishing the diamond from strass. While, in fact, aluminum leaves a very apparent trace upon crystals of the latter, it has no action whatever on the diamond.-[Scientific American.

Electrical Fishes.

Much work has recently been done on electrical fishes, of which there are about fifty species, though the electrical organs of only five or six species have been studied in detail. There are, besides the electrical cel, the torpedo and other rays, and the raash, or thunderer, fish of the Arabs, which lives in the Nile. Niger, Senegal and other African rivers. The Nile is rich in these fishes, several kinds, more or less pike-like, having electrical organs, which have recently been examined by Fritsch. There are two distinct types of electrical organs. One is closely related in structure to muscle (torpedo eel and ray), while the other is more like a secreted gland, as in the thunderer fish. Both types comprise a great number of microscopical elements, each supplied with a nerve fibre. be converted into a number of smaller bons, flowers and combs, variously which pass out from the spinal cord soms, and, as almost by magic shaped accordingly as she is married or brain, and originate from large special nerve cells. The electricity is generated in the electric organ, number of sleeping chambers. Chairs graceful, and she is mounted on a put is only produced so as to give a and tables are almost unknown. The high pair of stilts or sandals, raising shock" when it is set in motion by posture of repose is a "squat." At her about three or four inches above nervous impulses transmitted to it mealtimes you squat anywhere and the ground, on which she hobbles from the electric centers by the elec-

The Modern Cowboy.

"The cowboy of the story writers, extinct," says A. R. Frenzell, of Texas, at the Gibson. "I have been among them under all circumstances, and as a rule they differ but little from farm hands elsewhere. They wear sombreros as a protection from the sun, and these give them a picturesque appearance, but beyond a pistol and a knife in their belt, made necessary by the nature of their work, there is nothing ferocious looking about them. When they go to town, as they seldom do, most of them perform their errands and go home as meekly as a farmer in Ohio. A few of them will get drunk, but you can find much wilder characters in a city than you can among these much-talked about men of the plains. They usually drink quietly and go to sleep in a chair, remain there until morning and go home. There have been cases where men have terrorized stewed seaweed. Wine is always a widow, to her eldest son. Under Western towns and they are invariasuch a condition of things love bly reported as cowboys, when as a matter of fact they seldom, if ever,

How to Air Apartments.

It is the general practice to open only the lower part of the windows of a room in ventilating it, whereas if the upper part were also opened, the object would be more speedly effected. The air in an apartment is usually As the willow tree's bough is as graceful heated to a higher temperature than and slim; Her complexion's as white as Fuji's hoar the outer air, and it is thus rendered lighter, and as the outer air rushes Neath the snows of midwinter - like in, the warmer and lighter air is forced upward, and finding no outlet, remains in the room. If a candle be And a pair of ripe lips which, when part- held in the doorway near the floor it, will be found that the flame will be blown inward; but, if it be raised In Japan that's a beauty)—her hair's nearly to the top of the doorway, it will go outward; the warm air flowing out at the top, while the cold air pate in a wonderful chignon as big as a plate. flows In at the bottom. A current There are eight styles of chignon, just of warm air from the room is generalhere I may tell

My fair readers, as known to the Japanney, if the flue be open, even though there should be no fire in the stove; therefore open fireplaces are the best her part
Of kind Nature, she's called in the assistventulators we can have for a chamance of Art.
For rice powder to render more dazzlingly chimney near the ceiling.—[New York Times.

Languages of the World.

To complete the fair picture of bright languages of the world are spoken by It is estimated that the chief the following numbers of people: Chinese, by over 400,000,000; Hindustani, by over 100,000,000; Eng-Satin, crepe and brocade
Here contribute their aid
For the long, flowing garments in which

Austani, by over 100,000,000; English, about 100,000,000, Russian, 72,000,000; German, over 60,000,000; Spanish, 43,00000; French, 46,-000,000; Japanese, over 40,000,000; Italian, over 36,000,000; Turkish, over 25,000,000 .- [St. Lome Star-Say-

highways are neither the nearest nor highways are neither the nearest nor the safest to and from their winter winter when you are tired you throw your is considered form and fashion in self anywhere on the floor, with no Japan. fear of spoiling your white clothes. douche follows!

another of fish brought in upon a for a divorce from her husband. lacquer tray. You drink the soup out of a bowl, and eat the fish with faithful in her conjugal relations. comes another lacquer dish with four or wild fowl, some roasted chestnuts. rule of life; if a daughter, to her



GOING TO MAKE A CALL served with a good Japanese dinner. and the waiting girls take care that your cup is full. Still the dishes come in. Raw fish, green salads and sweet sauce. When you have well eaten and drunk to the full, then tea is served with small cakes, and the Japanese pipe follows. The Japanese householder is a social being. The festive meal is prolonged by a Just a soupcon of rouge to embellish her thousand jokes, roars of merry laughter and endless conversation. In the houses of the wealthy the

girl musicians and dancers entertain girl musicians and dancers entertain loveliness, the guests during the dinner hour or Add to all this the charm of her elegant immediately after. While you are sipping your tea, perhaps, you hear a flap of bare feet on the polished guests.

ing, with special attention to the management of the fan. The dance in small spotiess white stockings, which is the globe is ninety eight per timidly peep

A JAPANESE VILLA IN THE EARLY MORNING. holder. A large room can therefore in a glossy roll, ornamented with ribtouch, the room in which you have or single, of high or low station. been sitting becomes divided into a Her figure is usually plump and

"The influences of civilization ars When evening comes you do not seek seen in the dress and fashion of the your chamber, but simply make it Japanese wife. The days when she if he has ever existed, is practically by sliding the wall round the spot stained her teeth black on her wedyou have chosen for your slumbers. ding day and shaved her eyebrows In the morning you take a bath, and when the first baby was born are when you return bed and bedroom past, except, perhaps, in the lower alike have disappeared! The panels classes in remote country districts. have been removed. The bath is a . In Japan marriage is purely a great institution in Japan. A great civil contract, without religious or ig tub of water, with a stovepipe official ceremonies. Monogamy has cunning up inside of it filled with been the law of Japan from very anreduot charcoal. There you sit un- cient times. It is true that concubitil the pores are opened, and the cold | nage exists, but a legalized system of polygamy has never been adopted. The Japanese dinner is excellent. Divorce is less common in Japan than The dishes are endless. They usual- it is in Chicago, and what is unusual ly begin with a dish of soup and in Oriental countries, a wife may sue

"The Japanese wife is singularly your chopsticks. After the dish The key to her character is found in the word 'obedience.' Ages ago Conor five heaps of food. A small bird fucius declared obedience to be the a few boiled lily roots, and some father; if a wife, to her husband; if matches are almost unknown. But the Japanese wife learns to love."

Mr. Newman says that "the original Japanese belle was a girl with a white face, a long slender throat and neck, a narrow chest, small limbs and small hands and feet." But Mr. McClatchie has translated the description of Lady Kokonoya, an ideal Japanese beauty, as follows:

Her figure so trim damask her cheek—
With a dear little nose,
And two eyes black as sloes,

ed, disclose Pearly teeth—her fine eyebrows obliquely dark as jet And is coiled in thick masses on top of her ese belle). Then, to heighten the beauty bestowed on Her face, hands, neck and chin-cherry oil for her hair-And a host of cosmetics my memory that

s airs. It is the geisha or dancer.
She twines herself round the corner, and at the threshold falls upon her hands and knees and bows her head to the floor in salutation to the Japanese dancing is chiefly postur. Tied behind in a huge bow; her feet are