THE BOOMING CANNON

RECITALS OF CAMP AND BAT-TLE INCIDENTS.

Curvivore of the Rebellion Relate Many Amusing and Startling Incidents of Marches, Camp Life, Foraging Experiences and Battle Scence.

Memories of Libby Prison. A war time comrade of Captain Sam gel T. Hamilton, police marshal of Baltimere, tells a very interesting story of him in connection with the incarceration of Captain Hamilton and himself in Libby prison.

"We were quartered on the top floor of that hell hele," said the old soldier, "and from the top floor clear down to the cellar there ran a hatchway, used in time of peace for lowering and raising hogsheads of tobacco. One of our fellows, who was a good deal of a devil in his way, had occasion to visit the edge of this hatchway one night, and noticed a guard in the cellar squatted on his haunches, with his musket in his arms and apparently fast asleep. On the edge of the hatchway there was a barrel with a rope handle on each side. This barrel was used as a receptacle for all sorts of refuse. This daredevil soldier quietly stepped among the sleeping forms, touched Sam Hamilton lightly on the shoulder, awakened him and beckoned to him to follow to the hatchway. Then he motioned to have Sam take one handle while he took the other, and in a whisper he said, 'One. two, three,' and at the word 'three' both let go. That barrel was aimed squarely at the head of the sleeping sentinel, but by some occult means he seemed to realize that he was in danger, and suddenly jumped to one side, and as the barrel struck the ground he gave the alarm by firing his musket. The shot was taken up and repeated by the guards outside, and then two battalions of artillery, stationed over at Belle Isle, belched forth a volume of smoke and fiame. In an instant the long roll was sounded, and from the left to the right fank of Lee's army around Richmond could be heard the alarm repeated from regiment to regiment. There was a great commotion, and of course an investigation.

"Next morning, when it was discovered that the slop barrel was missing from the upper floor, an attempt was made to force a confession from the culprit. Every one was as mum as an eyster. No one knew anything about it. Finally the governor of the prison announced that, until the offenders made a confession, that floor would be kent without rations. This lasted twenty-four hours. Then Sam Hamilton asked to be taken to the governor.

"When he reached that august person's presence he said: I did not do this thing, but I am going to confess that I did. I cannot stand it to see my comrades starved to death, as the man who did it is too mean to confess that he was guilty of the accident, or crime. whichever you like to call it. I am not guilty, but I will confees that I did it just to step this starvation.'

"'Well, if you are not guilty,' said the governor, who had something of a sense of humor, 'what do you confess

man. Receiving the cartridge from 'No. 6.' who took it from the chest, he rushed like lightning to the gun, and delivered his burden to the expectant A DEPARTMENT PREPARED FOR artilleryman. He was in his element

now. The thunder of the guns could hardly drown his shricks of joy as he rushed back from having delivered one charge to get another. This was something like. Now he saw what a battery was for.

"That day gave Styx a reputation through our whole corps. The commanding general heard of him, and ra quested me to bring him up to headquarters. An admiring circle of offidiscussed the possibility of using dogs in artillery in general."

Three days later Styx was in the ended.

A War Hero.

Gen. Alger is in many respects an ideal Secretary to be at the head of the great War Department during the trying period of a great war. He was 25 years old in 1861, when he bade farewell to his bride of a few days and volunteered as a captain of a Michigan company of infantry. In the battle of Booneville, Miss., although he was so ill he could scarcely sit on his horse, he led a small body of men in a perilous charge upon the rear of the Confed erates under Gen. Chalmers, being sore



broke his leg as he passed it on his he was made major, and afterward cob was afterward brevetted major general "for gallant and meritorious services." lame in 1963 and 1864, receiving orders | strong soapsuds. personally from President Lincola. He therefore fully understands the relations between the executive and the

mlittary in time of actual war. Narrow Kecape from Death.

There died in Philadelphia recently the Union army, who during the war late some more corn that will not be rows to one rod in width, the yield was brange, the lemon, the pineapple and

tachments, and was acting as No. 5 TOPICS FOR FARMERS

OUR RURAL FAIENUS.

Profitable Breeds of Poultry How to Mix Kerosene Emulsion - Planting Beans with Corn-Points in Butter-Making - General Farm Matters.

Profitable Poultry.

An experienced poultryman says: "There are breeds for all purposessummer eggs, winter eggs, brotlers, cers sat about him one evening, and roasters and general purposes. We have had heavy egg records with the non-sitting breeds, but the bulk of their

production is in spring and early fall. the saddle. midst of his favorite battery, when an Unless under very favorable circumalmost spent six-pound solid shot stances, they are but ordinary layers struck the ground and rolled, as it during the winter. Our winter laying seemed, slowly into the battery. Styr breeds are of the broody class, and jumped for it, and the moving mass of they give comparatively few eggs duriron that seemed as harmless as a rub- ing the warm season of the year. Much ber ball crushed the life out of the lit- of their time is taken in incubating. the volunicer. The career of Styr was Then we have a class that are better adapted for broiler raising than for

roasting purposes. On the other hand we have breeds that make better roasters than brollers. Again, we have general purpose fowls-reasonably well white leg. adapted for all that one could wish for in poultry. To become more plain, the summer layers are the Leghorns, or fore shoulder. Menorcas, Andalusians, Spanish, Polish, Hamburgs and Houdans. The winter layers are the Asiatics-Brahmas, Coch- gether on the ground. ins and Langshans and the Americans -Plymouth Rocks and Wyandottes. The best for brollers are the Wyan- side are moved together.

dottes or Plymouth Rocks. The best for roasters are the Brahmas or the Langshans. The best general purpose often the result of bad shoeing. fowl is the Plymouth Rock."-Denver Field and Farm.

Kerosene Emulsion.

'the efficiency of kerosene emulsion depends on how it is made. The most important part is the agitation of the materian. Simply stirring the mixture will not answer, as violent agitation, by pumping the liquid back into itself, is necessary. Use soft water and avoid water containing lime, and also use plenty of soap. An excellent method is to shave half a pound of soap and add it to a gallon of boiling water. Let the water boll until the soap is dissolved, and then remove the vessel from the fire. Next, add two gallons of kerosene and a gill of crude carbolic acid, while the water is hot, and briskly agitate until the result is a substance having the appearance of rich cream. It requires about ten minutes to agitate

the mixture, as no free kerosene should ly wounded just afterward, not by the be noticed. When cold add twenty gailead of the enemy, but by a tree, which lons of soft water and spray with a nozzle. The carbolic acid is not included borse. For bravery in this engagement in the usual formula, but it will be found of advantage. Use the crude onel in Custer's famous brigade. He acid (not the refined), which is a cheap substance. Kerosene and crude carbolic acid will not mix with water, but and was on private service while still both substances form an emulsion with

Planting Beans with Corn.

It used to be the practice more than it is now to plant one or two beans in each hill of corn that is eaten out by the cut worm. It makes much extra

work to harvest these beans. But the harvested seventy-five bushels of ruta- tle cultivated. The climate is admir-Charles B. Mason, a veteran scout of plan is perhaps better than to plant in bagas from three rows. Allowing nine ably suited for the elive; and the

post hole. Anyothe section out trees in this way should wear a boot or shoe a few days two sizes too small, so it may Orest Commercial, Agricultural and eramp his toes; then he can pity the tree that has its roots cramped and bent to fit a small hole .- Woodward.

Horse Marks and Terms.

Gritalets, the back teert. Bors, "o bear on the left. A white eye is a glass eye. Hand, one-third of a foot-4 inches.

& white spot in the forehead is a star. A white stripe in the face is a blaze. A strip between the nostrils is a snip. the nose. bald face. white coronet. Forearm, that part of the leg between the elbow and knee.

Appel, the gentle tug on the rein giv en by the horse at each step. A star, blaze or bald face can't be anywhere except on the face.

Elbow, joint of foreleges next above agricultural life. knee, lying next to horse's side. White below the pastern joint is a

A horse has pasterns, not ankles, and

Bucking, leaping vertically into the air with all four feet, and coming to-Amble, a galt like pacing, but slow-Forge, to strike the toe of the fore foot with the top of the hind one; very

Frog. a triangular plece of spongy foot.-Rural World.

Developing Good Hogs.

First, choose the breed. Have an tive than slave labor, and the industriideal animal and work for it. Breed al growth of the United States is an example of the expansion of industry from matured and well-bred sows when enterprise is unhampered by the Don't sacrifice individuality to pedigree. Breed prolific sows only. Avoid curse of slavery and by foreign political interference. Cuba's chief induscross-breeding and feeding too much corn and ice water, as this lessens the tries were growing in spite of the vitality and tends to make too light a Grain upon her before the present war bone. Feed young stock and the breedbegan, for in 1894 her total production ing sows oats, shorts, bran and oilof sugar was 1.054.214 tons, an increase meal, with but little corn. Give proof. Year, it is in a faithing off a fat hog year. The natural resources of Cuba are inmeal, with but little corn. Give plenty of 238,820 tons over the preceding finite, one may say, in variety. Of her

Give plenty of room in sleeping quar area only 10 per cent. is under cultivaters and teach young pigs to eat early. tion, 7 per cent. is not reclaimed, and March and April litters are best. Keep A per cent is under forests. Great salt and charcoal by them at all times tracts of the island are practically unexplored. She had in 1804 a popula-The growing of frame for the first siz months and the keeping of equal-sized tion of a little more than 1.500.000. Of pigs together must be looked to. It re these nearly one-half have been staryquires intelligence of the highest order. ed to death during the present war. after the ideal hog is secured, to keep Cuba could support in plenty a popuit, and not allow it to degenerate. lation of 10,600,000. Her forests are

ter.

to eat.

as cheap.

tome or sell the place.

stocked with the finest wood in the world-wood, several species of which Transplanting Rutabagas. Last spring I planted an experimen are as hard as tron, turning the edge tal patch of sugar beets. The seed, be- of the ax and remaining imperishable ing sown too early, came up poorly under water. There are found woods and did not make a stand. Having invaluable for the dye industry, ebony, some sutabagas which were too thick, cedar, fustic, lancewood, mahogany, my boys transplanted three rows of rosewood, jocuma, acana and many rutabagas into the sugar beet ground, others. There are fifty varieties of The rows were twenty rods long. We paim. Her fruits are valuable and lit-

CUBA'S RESOURCES.

The area of Cuba is about 42,000 square miles. Its greatest length is 760 mlies, and its breadth ranges from 20

to 135 miles. Perhaps there is no space of earth the equal in size to Cuba that elegant figure and graceful carriage, can begin to compare with her in the with large black eyes, dark hair and production of those things that are useful to man. Antonio y Morales, a brunette complexion. They dress in very much the same style as women noted authority, has prepared a table showing the variety and quantity in other parts of civilized Europe, exof the staples that can be raised on a cept that there is not the same ex-A snip can't be anywhere except on tract of thirty-three acres in Cuba. A treme haste to adopt the latest fashion. The wives and daughters of the farmfarm of that size in one year produces A white face from eve to eye is a thousands of pounds of sugar, coffee, ers and tradesmen, by the gorgeoustobacco, cacao (chocolate), cotton, in- ness of their costumes, amply compen-Croup, that part of the horse back of tigo, corn, rice, sage, bananas and sate for the simplicity of dress among yucca. The choicest lands in Califor- the upper classes; and at their relig-White around the top of the hoof is his-noted for the variety and quantity of their products-cannot approach they appear in gala dress, they present the soll of Cuba in this respect. With a wonderful spectacle. These costumes its mild climate, its exuberant vegeta- are a sort of family heirloom, handed tion and the eagerness of the earth to down from mother to daughter and respond to the slightest efforts in the treasured as highly as hereditary jewway of culture. Cuba offers an ideal els of ancestral portraits. The fashion home for the man in love with the never changes, and instead of feeling

The commerce of Cuba, even under dress at two different entertainments, the blighting rule of the Spanlard, has they glory in its antiquity and in the white pastern. Above the pastern a been great. In 1883, before the curse number of occasions on which it has of war fell on the island, Cuba export- been worn. The costumes of the woed 718,204 tons of sugar and produced men vary greatly in different parts of there is no such joint as a hind knee \$15,894 tons. Its exports of molasses to the United States alone in that year were 7,654 hogsheads. Of rum the ex- over a very short bodice of bright colports were 9,308 pipes. In 1893 the Cuban exports of leaf tobacco were ly laced before and cut rather low; 227,865 bales. Of manufactured cigars there are apparently no corsets. The er, in which the two legs on the same 147,365,000 were exported and of cigar- petticoat is of light brown cloth, very ettes 39,581,493 packages. These are full, and between it and the bodice is only the main exports. They show what may be done with the exhaustless soil and climate of the island when its people were in a condition of virtual horn in the middle of the sole of the slavery at a time when chattel slavery had been abolished only seven years.

It is an axiom of economic science that free labor is infinitely more produc-

Mrs. Craigie's "School for Saints" has gone into its second edition both in

England and America. The first English edition numbered 10,000 copies.

Rudyard Kipling's next serial will be a stirring historical tale of maritime adventure, entitled "The Burning of the Sarah Sands." It is to appear in a young folk's weekly.

Mrs. Mabel Loomis Todd, wife of Prof. Todd, of Amherst, has completed another book. It is called "The Corona and Coronet," and will not be published until September.

General James S. Clarkson writed for the Century an account of General Grant's famous Des Moines speech, telling the circumstances under which it was written and delivered.

General Horace Porter's admirable volume of reminiscences, "Campaigning with Grant," is to be published shortly on the other side of the Atlantic by Fisher Unwin, of London.

The Macmillan Company of New York is handling the American end of the extensive Lewis Carroll memorial enterprise, and is receiving subscriptions for it. The plan is to endow an "Alice in Wonderland" cot in the Hat-



1- year work that have a strate

growth may sufely enter and reap the

harvest which nature has prepared for

man in the misruled, throttled and ne-

glected Pearl of the Antilles .- Chi-

How Sardinian Women Dress.

by a visitor to that island as being of

ashamed of being seen in the same

Sardinia. In some districts a small

black jacket, open in the front, is worn

ored silk and brocade, which is loose-

The women of Sardinia are described

cago Times-Herald.

"'Well,' replied Hamilton, 'you can take me out and shoot me if you like. I would just as soon be in sheel as this place. I cannot stand N to see these poor fellows here kept without food any longer.'

"Hamilton was confined in the duneon for another twenty-four hours. and then he was released and the rations were restored. I have always sected." coutinued the narrator, "that the governor of Libby was conident that Hamilton was the man who tened that barrel down there, but he was too much of a good fellow at heart not to appreciate the joke of the situa-tion."-Washington Post.

An Artillery Dog. A dog that, without being trained for the army, can take the place of a man in serving a gun is a dog worthy of sing remembered, and Mr. W. Oarruth only gives this particular dog his too when he narrates his doings in the Indianapolis News.

BLyx was a fox-terrier. He came into the battery ene morning just as the soldiers were "hitching up," at day-light, to resume their march in Louisana. He attracted the writer's attention by running up to him and placing all stick at his feet, asking plainly that it might be thrown, so that he could catch it and bring it back again; but as the captain of a battery has at such a time something better to do than to throw sticks for dogs, his importunity was disregarded.

Styz, however, was not disc. He picked up his stick and started with the column, keeping somewhere between the gun-carriages of that battery all day. The writer says:

"Late in the afternoon, when we haltd for the night, he reported himself at my particular fire, as if on duty as an orderly. He asked for no food or caresses, but putting down a stick at my feet, declared in his fox-terrier innrunge that if I would please throw that for him just once, he would conider all obligations discharged in full, and I threw it. He brought it back be fore it had fairly touched the ground.

"The next day we were in action The enemy, in their retreat, had made galiant stand at a narrow pass where t was most difficult for us to advance and here the genius of Styr came into

"The 'Ne. 5' man, as he is called, run between the limber and the gun when the battery is in action, carrying the the or cartridge from the ammuniion chest to the 'No. 7 man, who ness it in the gun, when the 'No. 1' ome with the ram yz had joined one of the gen de

death unrivaled in fiction. A file of soldiers with leveled guns stood before his kneeling figure. The command to aim had been given, and then the unexpected happened. Mason had many thrilling adventures while fighting under Bheridan.

On this particular occasion, becoming detached from his comrades, he wan dered so close to the Confederate lines that he was taken prisoner. He was placed in the guardhouse for the night, and the next morning was taken out with a number of other Union prisoners who had been captured and booked for a trip to Libby prison. Unfortunately for him, however, as he left the tent a Confederate my who was in the crowd surveying the prisoners as they were placed in the line recognized him as a

Union spy, and he was once more remanded to the tent. That evening he want before a drum-head court martial. "To be shot at suncise as a my." That was the brief finding and sentence of the court martial.

That night, with the death watch pa trolling about the guard tent, he found no chance of escape. Letters to his sweetheart and comrades were written. and when daylight came be was led out to what he believed to be certain death. The spot chosen for the execution was in a pretty litle ravine along the stream just outside the Confederate camp, and to this place he was conducted. A white bandage was placed over his eyes and he was made to kneel upon a rude pine box which was to be his coffin. The rifles were loaded, the firing squad took their position, and with the admonition, "Take careful aim, boys," the sergeant in charge moved away to the rear.

"Ready," he commanded, and the haramers of the rifles rose with a sharp click; "aim." and before he could give the final command there swept over and above Mason a sheet of flame and a storm of lead, and the sergeant with more than one-half of his men fell dead or mortally wounded. The remainder of the party fied without firing a shot as a line of bluecoats charged over the bank. In a moment Mason was in the hands of friends, but he fainted from joy. He had been rescued by a quadron of the Thirteenth New York Cavalry, which was out on a scouting expedition, and his position had been discovered by one of the members of that command, who summoned the othin time to save his life.

Aniphate of quizine has some very curious properties, one of them being its power to impress an image of Hasid on a chest of compliant pap

ed with the other, and can b used only for feeding as soft corn. The corn shades adjoining corn too much. Beans of the bush variety will not shade it at all. The extra sunlight Clark, in Orange Judd Farmer, which gets down to the soil where a hill of corn has been destroyed makes the corn hills on either side more pro-

lific than they would have been.

Points in Butter-Making.

Butter-making has undergone many changes of late years in the line of washing, salting and working. Formorty it was churned until it was one solid mass; it was washed once, salted and worked. It was thought best to churn at a temperature of about 62 de grees, but gradually the temperature has been lowered until now it is not unusual to churn as low as 48 degrees A low temperature has many advant ages. The loss in butter fat will be less, the butter will need less washing and have better body than when courn ed at a higher temperature. With proper precaution, the loss of butter fat

in churning need not be more than about one-hundredth of 1 per cent. The loss depends largely upon the tempera ture and the evenness of ripening. If the cream has been gathered for sev eral days, unless the oldest has been beld at a low temperature to prevent any partial ripening, or it has been thoroughly stirred each time new cream was added, it will not be evenly ripened and the loss will be unduly large. Less time will be required to churn at a high temperature, but it will be at the expense of butter fat.-Indiana Farmer.

How to Bet Out Trees.

In preparing to set out trees, shrubs, vines, etc., a hole should be dug large and deep, a foot at least larger than the natural spread of the roots, from the fact that a tree or anything set out should grew a year or two in good oam before it runs its roots into the original gravelly material; otherwise its progress in growing is apt to be very slow and sickly looking, if it lives at all. When setting out a tree, shruh or vine-in fact, anything of size-the loam should not be shoveled in in s body, for my person can see that in this way it can not be air-tight. Around the roots the loam should be very care fully shaken in, and at the same time using water, which will make a por ridge of the loam so it can be carried into the least hole, crack or crevice and thus it is made air-tight around every fiber, which, the reader can see is of great importance for the tree to start right away and so continue to grow right along. Trees often die from the effects of being set out in a hurry and the roots best and eramped into a

,800 bushels of rutabagas per acre. the banana are indigenou The same rows produced ten bushels The mineral resources of the island of sugar beets, making the yield over are great, yet the nameral industries 2.000 bushels of roots per acre.-T. W. are in their infancy. Almost all the

metals are found in Cuba. There are gold, silver, mercury, copper, lead and Farm Philosophy. all the forms of asphaltum; antimony.

One of the best devices for feeding magnesia, copperas, gypsum, red lead, loose oats and hay to sheep is to place ochre, salt, arsenic, tale and many oththe feed just outside the sheep lot fence ers. Copper is abundant in all the made of palings placed such a distance metamorphic rocks of Cuba. It is true apart that the sheep can reach through that coal is yet undiscovered, but un der a free republic capital would flow

into the island, and there is no doubt A farmer can bring an orchard to the that true coal would soon be found to earing point, and at the same time replace the bitumen that is now used. produce nearly as much corn, potatoes and which is found in springs and or other produce, as if it were not there. mines in great quantities. It will add greatly to the value of his Cuba is rich in marble, awaiting farm, whether he intends to make it his

the capital of the speculator. Great deposits of this rock are found, and in When fowls are afflicted with ver the Isle of Pines there is marble of a min, the most practical remedy is a quality as fine as the best of that mathorough dusting with a good quality terial used by the sculptor. Beautifulof insect powder, applied with a blower. ly colored marble and jasper are com-The habit of applying grease or oil to a mon. On the coasts are immense de fowl is of ancient origin, and exhibits posits of rock sait, and there are also poor judgment. Insect powder is just unlimited quantities of the purest

white sand, capable of being converted A gallon of scalding hot water, ball into fine earthenware. Even the illusbar of common laundry soap and trious Humboldt was amazed at the three tablespoonfuls of crude carbolic richness and variety of the mineral acid makes the best disinfectant for a wealth of Cubs. How much of this hen house. Apply with a scrub brush wealth has been utilized may be gath-In addition it will be well to burn sul ered from the fact that at the end of phur and tar in the house, but not 1891 the total number of mining titles where exposed eggs are being hatched. asued in Santiago district was 296. Of The lows experiment station anathese 188 were iron, 88 managnese and lysed 1.000 samples of sugar beets from 53 copper.

all counties in that State. The result As a pastoral country Cuba was was quite satisfactory, but high and more productive a century ago than low grade beets were produced in all she is now, but her passaures are broad and rich and the possibilities are unsections, due doubtless to the lack of observing proper methods of culture. limited. Cuba, with her grand natural pastures, was just beginning to raise fine Durham and Devonabire stock All parts of the State are adapted to

best culture. E. J. Hiatt, of Athens County, Ohio. when the ten-year was desolated the writes to the Breeder's Gasette that country and put a stop to the industry. blood, breeding and feeding should each The millions of acres of free land in have about equal credit for the most Cuba are ready for the agriculturist, the cattle, sheep and hog raiser, the corton and fruit grower, the miner and the reducing plant, and even for the silk grower and manufacturer. The mulberry tree grows to perfection in the island. Silkworms, according to De. Auber, are more prolific and prodactive in Cuba than in any other

muntry on the face of the globe. Here a land prepared to yield up utilities that will add immeasurably to the happiness of the world; waiting to rope independent in her best sugar supblossom into a garden and to swarm ply the best contained but 8 per cent with population; to develop almost ev of its weight in sugar. But the world ery art of peace; to be converted into has seen the yield of sugar from the best multiplied by four. It is suggest an industrial microcosm in the macro some of the world at large. Oubs is ed that the quality of all cereals can b greatly benefited by proper seed selec waiting the hour when the capitalist.

1.A

mond street, London.

Henry James, the novelist, is about to settle down at Rye, the ancient singue port on the borders of Kent. England. He has taken a house which has a fine hall, a paneled staircase and a couple of paneled rooms, besides a delightful walled-in garden with ap ancient mulberry tree.

Gabriele d'Angunzio, the Italian novelist, is a married man with two sons. His tastes are distinctly aristogratic. He belongs to an old noble family of Chieti, in the marches of Ancong, and, being married to a daughter of the Duc Galese, is allied to most of the great Romen houses

It may not be generally known that the lines by George Eliot, beginning, "Oh, may I join the choir tarisible," which are given on the title page of Mr. Allen's "The Choir Invin from which the title and metif of his book are taken, are engraved on George Ellot's tomb at Highgate cemetery.

Richard Harding David new serial "The King's Jackal," which is being published in Scribner's Magazine, is said to be full of the king of characters Mr. Davis particularly Aslights in, a modern banished king sho is in need of funds and organize a daring plot to get them, a young American girl with a great deal of money, a moder prince with medievel notions, an adventuress, and a dashing newspaper correspondent who has been everywhere, knows every hing, and can slap kings on the back. The scene is laid in Tangier.

Voyage # a Pin.

It was a long, da & voyage for such a small thing as the sixteenth-inch of the sharp end of a pin to take from a boy's foot to the to of his tougue; but it was done in Newark, and the journey was ended a couple of days age. Kenneth Morehand, 6 years old, ran part of a plu int, his instep last summer. It was discovered in his leg by X-rays, and thes lost, and was not heard of again gntil his mague tingled, and the pis came out -- New York Press.

For Those Reprived of Sight.

A reading-room for the blind is a unique departmant of the new congressional library at Washington. No other library in the world has a separate de-partment for these deprived of sight. The nation's new reading-room for this special class will eventually contain practically all of the books and icals published in the blind all of every language.

perfect type found in herd or flock. When breeders and farmers will see the need of these three requisites improvement will come more rapidly. Strictly high-class animals are not

found in large pumbers. The susceptibility of plants to change in their chemical composition by seed selection and proper cultivation is seen in the development of the sugar beet. When Napoleon set about making Eu-