ADAPT THEMSELVES TO SURROUNDINGS

HOW ANIMALS CHANGE WITH THEIR MODE OF LIFE.

Hoofed Beasts, Such as Sheep and Pigs. Have Lost Power of Tree Climbing Through Disuse.

Every one of the higher animals is. some way mechanically adapted tos mode of life and surroundings, a orse or an antelope being from one rotting machine. Putting such exmples aside, there are numerous ases of more peculiar adaptations towhich attention may be confined.

For example, the climbing creatures. may be noted that a number of and squirrels, present special modifi-

rse rows of large, triangular, horny es, with their points directed backard. These scales, when pressed sinst the bark of a tree, must afford sterial aid in climbing.

The Anteaters' Climbing Scales. enother group of animals in which mbing irons" have been developed hat of the scaly anteaters or panns, of India and Asia-creatures ch took more like living fir cones a mammals. The scales-much er than those of the scaly tailed y, as well as the head and limbs, hat it can scarcely be supposed have been developed for climb indeed, only a few species climb sfed by the scales on the under of value in an ascent, and habitmake use of them as elbubing

the feet. The suckers of the species are horseshoe like. es of the suckers these bats to ascend vertical surfaces on the suckers of these bats o on the arms of the cuttle-

ekos which run up the walls the sucker principle. Bats. he only mammals which have themselves of the sucker. In y Islands and the Philippines nur-like creatures known as whose habits are nocturnal. weird little animals the tips es are expanded into cushionmeans of which they ascend both surfaces as the stems of

or ungulate animals, such pigs, camels and elephants. en up using their fore limbs dlike manner, and employ ely for progression. Conseree climbing is out of their Africa and Syria occur, howain representatives of the wn as rock rabbits, or hyrax, a species being the one rein the Bible as the coney ame of the rabbit). Certain raxes have, however, taken mbing, and the way they is this: In each foot the lewhat cup shaped, and by muscular action the centre re elevated, so that when re applied to the bark the e a sucker.

---Summer-1919. s of aching pain-

elds and birds a-wing; s and summer rain, rt than sings and singse agaic



Cultivating Corn Right.

Neither of the rows. one dram each of iodoform, tannic composed of the teachers and the tea to which we invited those who Neither of these things can be fully acid and boric acid, and five parts of mothers of the community. accomplished unless the corn is plant- lard, landlin or vaseline. Substitute Our first work was to give pay The club collected books to start

justable, so that the teeth can be six parts boric acid. widened or brought together as the who do not give the matter the at-

vated field will not, it cannot, pro- light from the lamp may penetrate rubbish and trash, stopping at the kept informed about the proceedings duce as much corn as one that is the egg. Hold the large end of the children's homes for their collections. of the story we go through the corn, work to get close up to the rows as can be and space at the upper end, and the difup some of the small fibrous roots the centre, can be seen. The brown-work was finished all enjoyed a well- At time for electing new officers, work was finished all enjoyed a welldo any particular damage. The good testing than does the white-shelled And if we go both ways, throwing

One of the main objects in candlitibution of flower seed among the a good program mapped out for the star and carried her tenderly home.

It was many nights before the wing the cultivator over as described, and ing is to detect blood clots or bloody children, with instructions to plant next meeting.

Sore Necks and Shoulders.

Work horses often become disabled be readily distinguished. from sore necks or shoulders just Holding a fresh egg before the at the busiest time of the year. For light, and turning it from side to side,

the harness-maker for him to say becomes less firm, and is thinner and to respond to the divine call; ours to less firm and of Sleep by a Star-with-Wings whether the fit is correct; if not cor- permits the yolk to pass more rapidrect, he should mend matters as far ly and it appears to be darker in as possible. Often it will pay best color. The air-space, separated by to buy a new, smooth, properly fitting two shell membranes, grows larger collar, for the old mended or adjusted as the egg grows older, caused by the one rarely has a perfectly smooth evaporation of moisture through the

A new collar needs molding to the shoulders. Some soak the collar with thered whenever it is convenient to group of disciples stood about Peter. who heleived and who now sought to the stake-and-hoop support to the st hours after fitting to the shoulders to the shoulders. The eggs may baptized." These were the two conhours after fitting to the shoulders. Such a plan seldom is necessary if the brought to the house and kept ditions of entrance into the company. Such a plan seldom is necessary if the brought to the house and kept ditions of entrance into the company. Such a plan seldom is necessary if there until there is a sufficient num- of these who believed in Leave Christ cance for the future. Similar fear the harness-maker is allowed to do ber to warrant a trip to the village. The next important point Sometimes eggs are kept in the Repentance meant turning from the Repentance meant turning from the men in every fresh revival of the huthe harness-maker is allowed to do the fitting. The next important point Sometimes eggs are kept in the lold way of life. It meant a change man spirit. It is fear which is close-

keep the collar clean, dry and smooth, eggs that are dirty or smeared, time was an appropriate and well many desirable and excellent feat-The collar should be removed at roon, shrunken or stale, or even partly or understood symbol of the classical winderstood symbol winderstood symbol of the classical winderstood symbol of the classical winderstood symbol of the classical winderstood symbol winderstood s wiped dry with a soft cloth, or damp wholly spoiled? The village store- understood symbol of the cleansing able. The whole picture presented then set in the sun to day It and keeper is not at fault. Had those of the heart from evil. then set in the sun to dry. It is a eggs been candled the trouble could Christ imself and the company of simplicity, good fellowship, kindharness on the body during the noon To correct the injustice to the earnest and devoted disciples, both hour. We know this will cause many careful poultryman, and to place a men and women, who gathered about taken to remove and replace the law premium on the production of good Him. The twelve chosen men, who ness is well paid for by better con- handling, a system of buying is necditions of the skin of the shoulders essary which bases payment on They have now been waiting for and neck. The driver should raise quality.

first sign of irritation one should de- relative newness; that is, not pre- joy and with praise to God they bear plant them in the corn-field. tation. Often it will be found to be an egg should be held not longer than many who listen are convinced and the turnips. The frost sometimes bing on neck and shoulders. Sometimes it is wrong adjustment of the tugs on the singletrees and evener so that the one horse does not have ener may grow cucumbers by train- giveness, "the remission of sins," and leaves on. After hauling the roots half the draft on his collar. More ing the plants against a building or the promise of the highest of all gifts, home, we trim them and feed the often the cause is dirt, skin, hair and over a fence. The training should the gift of the Holy Spirit.

and the collar has been properly ad- tie the plants to the support at first, and Saviour of David's line, and of earth. They keep well there till early justed, bathe the part night and but the tendrils of the vines will soon the outpouring of God's Spirit upon winter, when we haul them into the morning for half an hour, if the time hold the vines to the trellis. The the nations (see Rom. 9: 4; Acts 3: barn, pile them up in a pyramid and can be spared, with hot water con- climbing cucumbers are best suited 25; Isa. 54: 13; 55: 3-5). So the door cover them with dry, clean straw. taining all the boric acid it will dis- for training, because of the numer- of faith and the blessings of Christ's Every morning and evening we solve; then apply benzoated oxide of ous tendrils which aid the plant in kingdom of righteousness were to be chop up a few, mix the cuttings with zinc ointment. If a lump forms on climbing. One advantage of the for the coming generations, and also bran, and feed to the milk cows. Their neck or shoulder rub in veterinary growing on trellises is that the cu- for "all that are afar off," that His milk flow increases almost at once, lodex night and morning; but if the cumbers are evenly green, instead of Church might extend throughout the and continues high all winter. In the tissues and it will have to be

As with everything else, there is of equal quantities of turpentine and this call, and we surprised the teach. Some of the children had fine pot with oakum saturated with a mixture a right way and a wrong way to cul- raw linseed-oil. Leave a tag of the ers and ourselves also, by serving a plants, and others had bouquets of wrong way to cure raw hinseed-on. Leave a tag of the wound to picnic dinner of several courses. We cut flowers. The girls wore garlands

ed in checks, so that we can cultivate calomel if iodoform odor is objectionable. As a dusting powder use a mix- piano and build sanitary outside were secured. The makers of all up-to-date culti- ture of equal parts of finely powdered closets. vators very wisely make them ad- calomel, subnitrate of bismuth and

For candling eggs for market a tention they should, rarely move the cheap tester may be made out of a lever adjusting the width of the box. An ordinary hand house-lamp help clean up the school house and all could read different periodicals help clean up the school house and all could read different periodicals and another hole in the side of the worked well and when they had fin-noon a week during vacation. One high up in the sky the Moon Mother that while they make a few scratches and another noise in the side of the middle of the rows. The small hole in the side of ished, the club gave them a jolly member was appointed or rather voluments. they do not loosen up the soil near the flame of the lamp. A black cloth

Now, the crop we get depends in comparatively dark place. Each egg the citizens furnished team and hand. idea and each one wrote out the prinday high mountains and the music of the citizens furnished team and hand. The shildren with a word of the large and read them at the next day had stopped; only the West Wind is placed against the hole in the box. The children, with a woman as direccipal items and read them at the next was softly singing her evening song. at an angle of 45 deg., so that the tor, traveled the streets to gather the club meeting. In this way everybody

egg, the entire inside is of a pinkish hauled to the school grounds where director remained. This was a great en its wing, but it had not stopped for

but little grass or weeds left and we will have stirred the earth thorough- candled, has a red tint throughout. Blod clots remain on the surface of the yolk; they often appear as bright-red spots or streaks, and can

the most part the trouble is prevent- the yolk will be seen to pass slowly Have the collar fit properly. The object. As the egg ages, the white

after fitting is to have the hamestrap buckled tightly at the top and
to have the tugs so adjusted on the
hames as to bring the line of draft.

Sometimes eggs are kept in the repentance meant turning from the
man spirit. It is fear which is closetoward Christ. It meant sorrow for
past sin and for past error and misTheir communism bowsers was valhames as to bring the line of draft on to the collar in such a way that found and all the communism, however, was volumed at the lower end. Make the understanding, and a full purpose of place the second boon about fifteen on to the collar in such a way that the collar will not wabble on the found, and all these eggs go into the heart to serve God in following the untary, not forced, and it seems not inches below, and set it inside the the collar will not wabble on the shoulders or "ride" on the neck.

The next important pointers are to keep the collar clean, dry and smooth to market. Is it any wonder that at the village store it is common to find their way baptism meant an open and formal confession of Christ, and at the same c

Training Cucumbers. sweat dried on the face of the collar. begin early. Where cucumbers are For the Promise. The ancient cov- leaves furnish good succulent feed for

OUR COMMUNITY IS WELL ORGANIZED

By B. C. MEACHAM.

It was when our new school house and raise flowers preparatory to a was finished and we wished to enter- flower show, which was held in the

a standard school and to use the and assisted the children to make a the journey he gave wings to each nature of the case demands. But a Candle the Eggs Before Marketing. worked with the children, for the vicinity. children and for the community.

will furnish the necessary light. Cut clear the grounds of weeds, believing when subscribing for only a limited a hole in the top of the box to allow they would be more interested in number. the top of the chimney to project, keeping the place in order. They We started a Story Hour one afterthe drowsy children followed, while vinegar to shine isinglass.

all the trash around their homes ga- crowd when it was large. Every The sun had gone to sleep behind the There was an amount that astonish- After the story part, the children by on the ground was a little Star-Looking at a fresh white-shelled ed us. The combustible stuff was were allowed to play games while the with-Wings. It had fallen and brok-

tain the Teachers' Convention that fall. It was a very pretty affair. The we felt the need of organization. The house was decorated with colored think what is the same sure, stop to act as a drain. Apply lard or vase- used the little trays that grocerymen on their heads and the boys had butthink what is the real purpose of line to the sound skin under the openview when cultivating. First, to stir A good ointment for sore necks and ired. The Hame and School Club At one time we had an informal the soil, and, second, to destroy any shoulders is made by mixing together ized The Home and School Club, At one time we had an informal

We sought information from our We then began to try to make ours Provincial Geologist and encouraged

the hills of corn, neither do they reor cover on the inside of the box
streets, calling on the children again helper as it was found that more than child was missing. All the Stars-

earned treat of lemonade and crack- the retiring president entertained the In the spring there was a free dis- dent was ready to assume duties with back and lifted their little hurt sister



Golden Text, Eph. 5: 25.

JULY 6.

Acts 2: 37-47. What shall we do? This was the question of many of life of the infant Church was marked those who heard Peter's sermon at by "the apostles' doctrine," or teachbearing surface; and it is the rough shell. Thin-shelled eggs can be desurface that causes sores. If the tected while candling by the porous truth of what he had told them, and for "breaking of bread" together in be likely to course sweet will and colorless spots appearing on the shall we do?" they pried and we can On many farms the eggs are gaimagine them pressing forward with
eagerness to the place where the
in their immediate effect upon those

One of the best supports devised is
the stake-and-hoop support or frame. shall we do?" they cried, and we can ers." "Fear" came upon all, for

Christ imself and the company of ness and happiness. the collar every time the horse rests quality.

Every shipper of eggs should place to their Master's command, in fellowship carrest convergation and provestion and prove

has begun to expand and grow.

This not only lacerates or rubs the planted near a fence or house, a enant promise of God was to those many weeks. skin but infects the sore with germs trellis of strings or poultry wire who received it and to their children After being trimmed the turnips should be made and the plants train- (Gen. 17: 4-8). In the prophets it are put in a pile on the ground near When a sore is seen to be starting, ed to this. It may be necessary to became the promise of a great King the barn and covered with straw and

As Many as the Lord our God Shall bran make almost as good succulent liberated. After that the best treat- The historic battle of Waterloo was of those who heard Peter's sermon Call. God's call sounded in the ears feed as ensilage. ment to the cavity once daily begun and finished in eight hours. at Pentecost, and it has sounded Fresh air is the best cure for colds.

wherever the Gospel has been pro- work again. After that, the little claimed since that day. All who hear Indian children loved the Stars-withhave not responded to that call, but Wings more than ever. They gave those who have responded have prov- them a family name-Will-o'-thethe promise abundantly true. They Wisp. have become not only the called, but Sometimes at twilight you see a also the elect, of God.

seek, in penitent obedience and trust, Sleep by a Star-with-Wings. admission to the Church and its holy fellowship.

"How shall I provide succulent feed

in the field, so that the air may play on the market nothing but strictly ship, earnest conversation and praysilo, but seldom answered satisfac-Bathing neck and shoulders two or be adopted to indicate the quality of crowned by a great experience. It were asking the same question, for first-class eggs. Specific terms must er, and their waiting has been torily. Not so many years ago we three times a day with soft cold eggs. The term "fresh" seems to is nothing less than the assurance we had no silo. We tried many kinds water containing a heaping teaspoon- have no special significance with re- that the Spirit of their Lord is with of crops. Turnips brought best reful of salt to the quart will do much gard to the exact quality or age of them, a real and living Presence and sults. A good way of growing a lot an egg. Fresh means a condition of Power. With enthusiasm and with of turnips cheaply, we found, is to

drawn into fellowship with them. The bites the leaves a little but does not Church, in the power of the Spirit, wither them. When ready, the turnips are easily pulled up by hand. We To those who repent and confess never trim them before hauling, for Where space is limited, the gard- Christ in baptism there comes for- they are easier to handle with the

fact, we believe that turnips and

Stars-With-Wings.

Indian children had to find their way alone from their mothers' arms to the Land of Sleep. Sometimes they grew frightened at the noises of the night and lost their way in the dark-

his smallest children could not find their way to the Land of Sleep. So he went to the Moon Mother and asked her for some tiny stars. When she granted his request he took the little star. After that, when the little Indian children went from their mothers' arms to the Land of Sleep the Stars-with-wings her the way. They the area of the field in acres.

child and guided him safely to the was strong enough for her to go

Support for Tomato Plants.



to help. They were notified to have one was necessary to manage the with-Wings went back to find him.

After a long search they found the cans and other unburnable material to have the little folks out of sight the sleeping child would be frightened in the dark.

soft, faint light bobbing here and Save Yourselves. God saves in there down in the meadows and Christ, and yet we have our part to across the marshes. "Will-o'-the-

Supports are necessary for producing the finest tomatoes. Unless they will be slow in ripening, will

In the moons of long ago the little



DEBENTURES.

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The Great Spirit was sad because It is comparatively easy to figure gether. Next divide by 3,556, the approximate number of the square the Stars-with-Wings flew ahead of him areas enclosed between four adjacent a wise smile. "I was just inquiring

Use a flannel rag moistened with

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"Grandma-in-the-Service"

"Hello, Aunt Fan!" cried Paul cheerfully from the doorway. "And how's the ankle this morning? Thought I'd stop in to say howdy. am going to what my revered grandmother calls 'divine service.' Aren't

leaves and running water; and they sizes are used, put the larger ones Aunt Fan, extending a cordial hand from the easy-chair where she sat with her foot propped on a pillow. "Glad, too, to hear about the divine service. What branch are you plan-

the acreages of rectangular fields ning to enter?" when the same have produced corn; provided of course, that the rows are the standard distance of 3 feet 6 didn't hear what I said. I was referinches apart. Count the hills each ring to my beloved little grandmothway and multiply these results to- er's habit of calling church 'divine

"Yes, I heard," said Aunt Fan, with hills of corn. The quotient will be what branch of that service you were going to enter. You were so particular about being in the artillery when you enlisted in the army that I thought you might be equally so about this."

"Oh, but divine service isn't like those things. It's just going to church, you know. That's all." "Oh, is that all? And going to

church means-" "Why, listening to the sermonand to the prayers-and the anthems

-and singing hymns." "I did hope, Paul, that being in the service of Canada would teach you something about the meaning of the word. What good do you think an army or navy would be that sat by and let the officers do all the work? From what I have gathered from you boys, you don't get the chance. But wouldn't it be a queer army if you did? Would you approve of it?" "But, Aunt Fan, the army, the

artillery-" "Branches of the 'service,' aren't they? And it was a 'service' flag, wasn't it, that we put up so proudly for you in the window? And up at church, too? You expected to 'serve.' didn't you, when you enlisted? What did you expect to do when you enlisted in the church? Attend services

"No, Paul, your beloved and revered little grandmother, as you called her so lightly, has a right to speak of going to divine service. She's been an active soldier in that cause STAND UP TO EVERY TEST and she has served with all her heart for more years than I can remember, and soul, and in just as many branches as she could-in the same service that you enlisted in, too, you remember. But you had better just call it 'going to church,' hadn't you, and not expect anybody to be very proud of you until you have learned to put into that service some of the lessons that you learned in the service of your country? But, oh, Paul, when you boys do do that-really enlist and serve-the church of God will move 'like a mighty army' to the most wonderful victory the world has ever

> "Well, say, Aunt Fan," said Paul, fumbling awkwardly with his hat, "you certainly do know how to say things straight from the shoulder. Looks as if I were a sort of cross between a slacker and a deserter, doesn't it? And asking to be patted on the back because I turn out for drill once a month or so. But maybe, thanks to you, I'll get 'over the top' yet. Just now I suppose I'd better be running on to church. Not to hear a sermon-oh, no, I don't need any more of a sermon than I've had right here! But just to tell the captain down there to take my maple leaf off their service flag and put one on for grandma. And she is 'my beloved and revered little grandma,' too, Aunt Fan. Honest! However 'lightly' I may speak.

> > How To Figure Lumber.

All lumbermen and carpenters talk in terms of board feet. A board foot is a piece of timber 12 x 12 inches and one inch thick. This means that a block of timber twelve inches square contains twelve board feet. To find the number of board feet in a piece of timber, follow this simple rule: Multiply the end dimensions together, divide by twelve and then multiply by the length of the piece in tcet. In buying lumber to cover floors, ceilings, walls, etc., it must be remembered, however, that 100 feet of lumber will not cover 100 feet of surface. It is necessary to allow for lapping and matching. The amount to allow differs with the various kinds of stock, as follows: To fourinch flooring add thirty-three per cent.; to six-inch flooring add twenty per cent.; to horizontal sheathing add twenty per cent; to diagonal sheathing add twenty-five per cent; to ceiling add thirty-three per cent; to lapsiding add thirty-three per cent.

Handkerchiefs were not always square. At one time they were shaped to the user's fancy. It chanced that this irregularity displeased Queen Marie Antoinette, who suggested that a uniform shape would be an indication of good taste. The result was a decree by Louis XVI., issued in the early days of 1785, en-acting that all pocket handkerchiefs should have right-angled edges hence-

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