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SELF-SETTING PLANES Made at Vineland, N. J.
Sent on trial where not kept. Sold in the large Coast Cities. 9 Portland dealers sell them. Try one now.

Element of Decay.
Indirect influence had its nearly perfect work in the Persian empire, where the Queen Mother was permitted to exercise an injurious influence over the king, the court, and the empire. It was one of the tendencies which leads Sayce, the historian, to say, after touching upon it: "In short, the empire contained within it from the first all the elements of decay."

Wisdom in Action.
The times are waiting for men who shall serve and not merely inquire; strive and not merely investigate; give to their age and their kind not so much learning in bulk as wisdom in action; great doing as the only true fruitage of great thinking; the consecration to the uplifting of one's fellow-men of one's best rather than the conserving by mere culture of one's self. —Henry Potter.

Blessed Sympathy.
Sympathy with animals blesses and humanizes men and women. To get into real relations with an animal is a liberal education. It is something to be really interested even in a plant and to observe the working of life in any sphere not our own. How much more when that life is directing a personality which consciously looks up to us and will love us if we will let it! —Christian Register.

Longevity in French Villages.
A remarkable record of longevity is to be found in some of the rural parishes of France. In the village of St. Thomas de la Flèche there have been only fourteen parish priests in three hundred years, the fourteenth being still in possession. The parish of St. Germain du Val, in Paris, has had only three pastors in one hundred years, while that of Givry en Argonne has had but five in 130 years.

No Wonder.
Nerve Specialist—My dear sir, I can't understand your case at all. Here you were practically cured a few days ago and now your nerves are in frightful shape again. Have you had a sudden shock of some kind? Patient —I received your bill yesterday.

MEXICAN MUSTANG LINIMENT
The Household Remedy.
John Lind, Yost, Utah, writes: "We have been using your Mexican Mustang Liniment in our family ever since 1868 and find it to be a good article to have in the house and never without it. I have recommended it to many of my friends who have also found the same very valuable." 25c. 50c. \$1 a bottle at Drug & Gen'l Stores

Painless Dentistry
is our pride—our hobby—our study for years and now our success, and ours is the best painless work to be found anywhere, no matter how much you pay. Compare our Prices.
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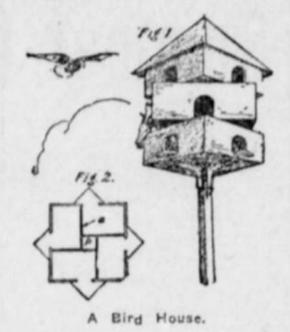
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NEWS for the YOUNG PEOPLE

NEAT HOUSE FOR SONG BIRDS

Made of Three Shallow Boxes Set at Angles Upon Each—Size May Depend Upon Taste.

The picture illustrates a neat and serviceable bird house. It is made of three shallow boxes set at angles upon each other, says a writer in American Boy. The size of the boxes depends upon your own taste. I think 18 inches square and 6 inches deep is about right for each. In designing the house I intended it as a refuge for untamed birds and so made as many compartments as possible. Each of the shallow boxes is divided into four spaces, as shown in the illustration. The space "p" is where the post comes up through the center. The perches and openings are cut out with a small circle saw. The roof is of tin or galvanized iron. It is made of four triangles lapped over each other and riveted. Two coats of steel gray paint on the outside will add to the appearance of the house and make it weather resisting. It should be set upon a high post and made as inviting as possible for the feathered visitors. Remember that



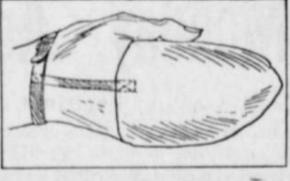
A Bird House.

as man has encroached upon the domain of the wild creatures only three courses were open to them; either to move to remoter regions, to adapt themselves to modern conditions or to die out altogether. The robin is one of the species that has made the best of things and tried to stay with us. It is interesting to study its habits and his shelter will aid you in doing so. Here are some things to discover for yourself. Do the robins arrive from the south singly or in flocks? Do the sexes migrate together? How long after the arrival does nest building begin? What is their food. Is it the same in various months? All these and a dozen more lines of inquiry will make the shelter interesting.

AID AFFORDED TO SWIMMER

Mitt Slipped Closely Over Fingers Prevents Flow of Water and Facilitates Stroke.

A swimming mitt, having a body of a length and width to slip fairly closely over the four fingers of the hand, is shown in the illustration



Swimming Mitt.

The purpose of the mitt is to make possible a more effective stroke in swimming by preventing any flow of water between the fingers.

Beaver's Work.
The beavers not only cut down trees, for the purpose of making dams, but also use the smaller branches as a storage supply of food for winter use, says a writer in Our Dumb Animals. These branches, from two to four inches in diameter, are cut into lengths of two or three feet and then by wonderful engineering ability are carried beneath the water and into the beaver's houses, or the burrows with which the bank of every beaver's dam is honeycombed. Here they are carefully stored. The green bark is the staple article of food throughout the winter.

The dams are of varying height and length, according to the particular location. I found a dam in Mesa county, Colorado, which was just six feet from bottom to top and impounded a body of water six feet or more in depth and covering an area of several acres. This dam was perfect in construction. It was composed entirely of willow bushes, as no large timber grew in the vicinity.

Could Spare One.
One day Charlie, aged four, and his baby sister were playing with some small marbles when one of them disappeared and could not be found. Their mother assisted in the search and was very much alarmed, fearing the baby had swallowed it. "Oh, well, don't worry about it, mamma," said Charlie. "We've got enough marbles without it."

Play and Display.
Teacher—What is the difference between "play" and "display"?
Bright Boy—Boys love to play and girls love to display.

CONFORMATION IS ESSENTIAL IN BREEDING DRAFT HORSES

Of the 100,000 Animals Marketed at Chicago Not More Than 5,000 Would be Termed A-1—Economy of Heavy Mare on Farm for Work and Producing Colts is Summed Up by Expert.



An Excellent Farm Team.

There are a number of considerations for the farmer to keep in mind in breeding horses for the draft horse trade. Among these are that size, weight, condition and character each bear an important influence in determining the prices paid on the markets and therefore that this influence is reflected upon the prices which they receive from the country shippers and buyers, says the Wisconsin Agriculturist. Nothing that influences the large central markets for the products of the farm fails to affect the sale of a single article directly on the farm.

Probably the one thing which the general run of horses that reach the markets lack more often than any other is size and incidentally therefore weight. It is stated from good authority that there are more good horses marketed in the Union Stock Yards at Chicago than any other place in the United States, and yet of the 100,000 horses marketed there not more than 25,000 would weigh over 1,500 pounds, and not more than 5,000 were what would be termed A-1 horses. First class draft horses for the city trade should not weigh less than 1,600 pounds when in working condition, and if they weigh 1,750 pounds they will satisfy all the better. To carry such weights horses should stand about 16 hands high or over and should have conformations in proportion.

The condition of a horse is all important, both as to soundness and thrift. Horses that have poor feet, bad hocks, weak wind, or poor shoulders are sticklers on the market. They sell very slowly and at very low prices. So also do horses that are in a poor condition of thrift. Fat always helps to sell horses quickly and at good prices, for it makes them look good and the horses, moreover, do not need to be conditioned before they can be put to work. A horse which looks thin when it leaves the farm is liable to look considerably thinner after it has been shipped and arrives at the sales stables. Fat horses ship far better than thin, thriftless ones. Then, too, the suspicion of being a poor doer on the best of care is liable to attach itself to the thin horse in the mind of the buyer, whereas when he looks upon a well conditioned horse no such suspicion occurs to him.

Character is a valuable asset to any horse that is placed on the market, and like size and weight is generally lacking in the usual stock of horses to be selected from in the country. A horse that shows intelligence, good breeding and those qualities that come through careful handling and good training will out-sell the common, plain looking horses by a considerable margin; size, weight and condition being otherwise alike.

The man on the farm engaging in horse production from the viewpoint of dollars and cents and anxious to make his acres earn the highest net returns should breed his mares to the best sires that are available combining size, weight, soundness and character, and should breed to them consistently. They should endeavor also as soon as possible, either by purchase or by breeding up, to possess themselves of big drafty mares combining those qualities. The only regrettable thing about the sale of the dapple gray mares on the January 11, 1912 Chicago horse market for \$1,000, is that the mares were not purchased by some good farmer to be used for breeding and farm work purposes instead of by a Chicago teaming firm to draw a big wagon. It is regrettable that they should ever have gotten away from the farm, for if they were worth \$1,000 for drawing a big wagon and heavy loads, certainly they were worth that on the farm where they could do work to earn their cost of maintenance and raise colts worth \$1,000.

The economy of the heavy mare on the farm, both from the standpoint of doing farm work and producing colts compared with light and medium weight mares is nicely summed up as follows by Secretary Dinsmore of the Percheron Society of America: "The cost of maintenance under farm conditions is about the same, the heavier mares are more efficient in the work of the farm, the colts are ready for work a year younger, and if carried to the same age, will bring about twice as much as the colts from the

light weight mares and about one-third or one-quarter more than the colts from the medium weight mares." This summary was drawn up after some careful thinking, upon the question being put to the secretary by an extensive land owner looking forward to the purchase and breeding of horses, "What kind of mares should I use? I want to know all things considered, whether I should buy a 1,200 pound, a 1,400 pound or a 1,700 pound mare?" In other words, the land owner as a business man wanted to know what would be the relative cost of maintenance, what the relative efficiency on the farm and what the relative market value of the colts produced, of these three classes of mares. Here is how he thinks out the matter, and his thinking was based on extended observation and experience: All three classes can, of course, be managed, as far as maintenance cost is concerned, at about the same general figures. But in respect to working efficiency, if we rate the 1,700 pound horse at 100 per cent, liberal allowance is made if the 1,450 pound horse is credited at 90 per cent, and the 1,200 pound horse at 80 per cent. The colts bred to a good draft sire will average somewhere about 1,500 pounds; colts from 1,450 pound mares 1,600 to 1,700 pounds, and colts from 1,700 pound mares, 1,800 to 2,000 pounds. Then, too, the lighter weight colts necessarily make their full weight only at maturity and they will not be fit to sell until they are four and one-half or five years of age. The same is true of the medium weight colts, but buyers are scouring the country for heavy colts. Every good gelding is gathered up at three years of age. The heavier colts sell earlier, or if carried until they are older and then put on the market, the prices advance accordingly. Colts weighing around 1,500 pounds will not bring more than \$140 to \$175 on the average, because they come in competition with the great glut of common light drafters on the market. Those weighing around 1,650 pounds to 1,700 pounds will bring \$200 to \$240, and heavy weight geldings will bring \$300 to \$350. The heavy mares therefore produce colts that bring from one-third to twice as much money as the lower weight mares.



REDUCE YOUR LIVING EXPENSES

Eat Golden Cereal Foods and recommend them to your acquaintances. You get better quality and more for your money. They are made in your home state from the best Oregon Oats and Wheat. Large packages contain a Handsome Premium and all goods are guaranteed. Ask your grocer.

Golden Rod Oats. Golden Rod Pancake Flour. Golden Rod Wheat Flakes. Golden Rod Select Bran. Golden Rod Wheat Nuts. Golden Rod Chick Food.

Mirage Easy to Be Seen.
The celebrated Fata Morgana, a presentation of natural "moving pictures" on an immense scale which is occasionally seen in the Straits of Messina, is explained by a scientific writer as being a mirage, such as frequently occurs in various parts of the world; "in fact," he says, "one may see a mirage any day by looking through the stratum of air overlying a hot stove, or adjacent to the side of a wall heated in the sunshine." Young scientists will be interested in verifying this statement.

Displeased the Widow.
A Philadelphia traveling man, having gone upon that journey for which there is no return ticket, his many friends of the road consulted together as to the remembrance to be sent by them, and finally decided upon a design which was not only original, but which they considered peculiarly appropriate. They never could understand why the widow would not receive the beautiful suit case, made of white flowers, with the words, "His last trip," in purple violets, on one side.

Worth of Clothes.
The influence of clothes must continue to be, as it has been from the beginning of history, either "sacred or profane," a foremost factor in those forces by which man's destiny is guided. His health and comfort, aims and purposes, social standing and business prosperity; everything indeed that makes his life worth living may be affected by it in directions never dreamed of by the tailor who, if he does not actually make the man, is largely instrumental in making him what he is.

Their Proper Place.
The folks who are perpetually protesting that their consciences are clear and that they have nothing for which to reproach themselves are generally in a bad way, for the probability is that their much-vaunted consciences have stopped working and are of no further use. Such people never allow that they are in the wrong; their favorite sentence is, "I told you so!" and their proper place is on a desert island with thick skinned turtles for boon companions.

Hair Fabrics.
In the manufacture of hair fabrics the hair is reduced to a paste by a solvent and all kinds of hair and fibers are used. The paste is run through an artificial silk spinner and drawn from the spinner in threads. Some of these are a yard or more in length. They can be braided or woven like artificial horse-hair. Hair composition of superior quality is kept for the manufacture of wigs and braids.—Harper's Weekly.

Ancient Italian City.
Asolo, which inspired two of Browning's verses in "Asolando," and which is observing the centenary, is a fortified town in Treviso, in northern Italy. It was the ancient Acelum, and possesses a cathedral and a ruined aqueduct. The former palace of Catharine Cernaro, queen of Cyprus, is in the neighborhood. There are beautiful seats in the vicinity, and the town has a population of under 6,000.—London Globe.

Pastor's Merited Rebuke.
When Samuel S. Colber was preaching in an old log schoolhouse in Johnson county, Missouri, in 1852, his congregation was quite small. One Sunday all were sitting at the desks forward near the pulchre floor. The sermon was monotonous and the old log seats had no backs. Observing the sleepy, downcast look of the congregation, the minister woke them up by shouting: "Arouse, heaven is not under the floor!"

Stabbed by Umbrella.
Perhaps the strangest weapon ever used for killing was an umbrella. In October, 1908, a man named Ernest Smith was found dead in Chiswick High Street, England. He had a punctured wound in the eye which had reached his brain and which the doctors agreed had undoubtedly been caused by the steel ferrule of an umbrella.

Uncle Pennywise Says:
Countless ages of time passed, as we compute time—before the earth was prepared for the advent of man. The oldest civilization known is that of Egypt, and the pyramids are things of yesterday compared with the formation of the alluvial plains of the Euphrates, or the delta of the Mississippi, not to mention the Laurentian rocks.

The Peanut Flux.
The last thing to recover from the effects of a big celebration is the five-cent bag of peanuts. It dwindles painfully during the influx of great crowds. Other foods remain comparatively stable in quantity for a fixed price, but the mob diminishes the allowance of peanuts for a nickel by half.

PACIFIC LUTHERAN ACADEMY AND BUSINESS COLLEGE.



LOCATED NEAR TACOMA—Christian; co-educational; large campus; modern equipment; athletics; new \$5000 gymnasium under construction. PREPARES thoroughly and in the shortest possible time, for College, Business, Teaching, Civil Service, and Citizenship. Language a Specialty. Eight Courses; no entrance examinations; special classes for foreigners. EXPENSES LOW: Tuition, board, room and washing, nine months, \$150; eighteen weeks, \$95; nine weeks, \$50. You ask: How can you furnish all this for less than the usual price of board and lodging? We answer: By the aid of our church we are enabled to give our students more than they pay for. We can't tell all here. Our free 50-page catalogue will do it. Send for it. Address **N. J. HONG, Principal** Parkland, Wash.

Lacking Important Point.
Can a woman be a successful "magician?" A contemporary wizard says that she can, and that in London there are many society women who have taken a course in wizardry as a means of becoming proficient in some kind of "parlor trick" by which to entertain company. It does seem, though, that a magician without coat sleeves to pull back, as a preliminary to doing his marvels, would be fatally deficient in paraphernalia.

MOTHER OF LARGE FAMILY

Tells How She Keeps Her Health—Happiness For Those Who Take Her Advice.

Scottville, Mich.—"I want to tell you how much good Lydia E. Pinkham's Vegetable Compound and Sanative Wash have done me. I live on a farm and have worked very hard. I am forty-five years old, and am the mother of thirteen children. Many people think it strange that I am not broken down with hard work and the care of my family, but I tell them of my good friend, Lydia E. Pinkham's Vegetable Compound, and that there will be no back-ache and bearing down pains for them if they will take it as I have. I am scarcely ever without it in the house."

"I will say also that I think there is no better medicine to be found for young girls. My eldest daughter has taken Lydia E. Pinkham's Vegetable Compound for painful periods and irregularity, and it has helped her."

"I am always ready and willing to speak a good word for Lydia E. Pinkham's Vegetable Compound. I tell every one I meet that I owe my health and happiness to your wonderful medicine." —Mrs. J. G. JOHNSON, Scottville, Mich., R.F.D. 3.

Lydia E. Pinkham's Vegetable Compound, made from native roots and herbs, contains no narcotics or harmful drugs, and today holds the record of being the most successful remedy for woman's ills known.

Its Only Purpose.
"O Willie, Willie," cried a teacher to a hopelessly dull pupil, "whatever do you think your head is for?" Willie, who evidently thought this another of the troublesome questions that teachers were always asking, pondered it deeply. "Please, miss," he replied at length, "to keep my collar on!" —Youth's Companion.

Stimulant or Tonic?

Ayer's Sarsaparilla is not a stimulant. It does not make you feel better one day, then as bad as ever the next. There is not a drop of alcohol in it. Ayer's Sarsaparilla is a tonic. You have the steady, even gain that comes from such a medicine. Ask your doctor all about this. Trust him fully, and always do as he says. He knows.

Who makes the best liver pills? The J. C. Ayer Company, of Lowell, Mass. They have been making Ayer's Pills for over sixty years. If you have the slightest doubt about using these pills, ask your doctor. Ask him first, that's best. Made by the J. C. AYER CO., Lowell, Mass.