

THREE WORTHY WORDS.

My lad, three lessons would I write, Three words upon your heart engrave, Three words upon your heart engrave, Through all your life, to guide you right-Be true, be kind, be brave.

Be TRUE, whatever may betide Speak, act the truth at any con Of little worth is all beside, If trust in you be lost.

Be KIND, another's feelings heed; Slight no occasion you may find For gentle word and loving deed; "Tis noble to be kind.

Be BRAVE, with courage true and strong; Mind neither ridicule nor sneer; To dare to do the weak a wrong But proves the basest fear.

If you, my lad, these lessons three, These simple words, your motto make, Esteem and honor yours shall be,

With fortune in their wake -Philip Burroughs Strong, in Golden Days

ANIMALS CAN COUNT.

The Horse, However, Is the Best Cal to an Old Observer.

An ornithologist, after many experiments on parrots, holds that they can count up to four. A Russian physician, Dr. Timofleff, extended these experiments to birds, dogs, cats and horses He concludes that crows can count up to ten, dogs to 24, cats only to six, but horses carry off the palm as calculators

In a village of the government of Po-kow, Dr. Timofleff studied a horse be-longing to a peasant, and found that the horse always stopped at the end of its twentieth furrow. It did not stop when tired, but only after every 20 furrows It was so exact about this that its mas ter reckoned the number of furrows that he had made by the number of times that the horse halted. The animal counted for the man. In another village Dr. Timofleff saw a horse that calculated the versts (Russian miles) by the number of posts on the road, and the time by the striking of the clock. One day this physician was going to Valdai, when at the twenty-second verst one of the horses hitched to the troika (a three-horsed carriage) stopped suddenly. The driver got down from his seat, gave some proven-der to the horse and drove on. The horse had been trained by its master when very young to get food at every 25 versts. There can be no doubt that the horse kept count by the posts along the road. It had made a mistake this time of three versts, but it was not its fault. Along the road there were three other posts besides the telegraph posts looked very much like them Hence the error of three versts.

This same horse was accustomed to get its food in a stable near which the town clock rang at noon. Dr. Timofleff himself saw the horse prick up its ears and listen, but droop its head dissatis fied when less than 12 strokes sounded On the contrary, it manifested all kind of satisfaction when it heard the twelfth stroke of the bell, neighing for its provender.

TINY SHETLAND PONY.

Although Three Years Old, Yet I Stands But Thirty-Two Inches in Height.

Here is the smallest Shetland pony living. At first sight one would imagine the man on the left of the picture to be a giant in stature, but it is only "Willim," the park keeper of the pub-lic park at Lerwick, who is of medium height. His relatively huge propor-



THE SMALLEST SHETLAND PONY.

tions show how very small the pony really is. The carriage to which it is yoked is a child's mail cart, and it seems big enough for it. The little lady who holds the reins is Miss Rhoda Hunter. and the pony's name is also Rhoda This small yet perfectly formed speci men of the pony breed belongs to Mr. Peter Anderson, Lerwick. It is three years old, yet stands but 32 inches in height. It is black in color and is in the same shaggy condition in which it ame out of its native hills. Its owner has refused a big price for this rarity -Brooklyn Eagle.

She Guessed the Answer.

A little girl, who had just entered school, jubilantly announced to father that she had beaten all the girls above her in the arithmetic class and gone to the top. "That was clever of you," said he, encouragingly. "How was it?" "Well, you see, the teacher asked the girl at the head how much was 8 and 5, and she didn't know, and said 12, and the next girl said 9, and the next one said 11, and the next one said 14. Such silly answers! Then the teacher asked me, and I said 13, and she told me to go to the top. 'Course it was 13." "That was nice," said the "I didn't think you could add . How did you know it was so well. 13?" "W "Why, I guessed it. Nobody said

ORANG-OUTANG SALLY.

Simian Pet Who Lives in More Comfort Than Most of Her Human

Residents of the eastern town of Banalore are daily treated to the extraordinary spectacle of an enormous ourang-outang being wheeled through the streets like a baby. The accom panying picture, from a photograph, shows the big brute, whose name is Sally, comfortably seated in her carriage of state, with a look of wooden contentment on her face.

Sally is about five feet in height and weighs about 160 pounds. She is a highly intelligent animal and has always shown the greatest affection for her dusky attendant, whom she allows occasionally to take her place in the wagon while she does the pushing. The orang-outang was reared from a baby by a government elephant catcher named Sanderson, and is one of the very few of the species that have proved tamable.

The orangs are usually ferocious brutes, possessing in their long arms



SALLY TAKING AN OUTING.

enormous strength, and the few captured have had to be kept in close confinement. Sally seems to have been born with a better temper than most of her kind, for so far she has shown none of the wicked traits that have distinquished other orang-outangs.

She is an educated animal and eats her meals with a knife and fork, sitting at the table with a napkin tied under her chin, looking to a near-sighted person for all the world like and ugly and very hirsute old man with a large head and an intelligent habit of bending too far over his plate.-Philadelphia Press.

SNAKES CATCH RATS.

Reptiles Are Made to Serve a Very Useful Purpose in Some of the Philippine Islands.

As the writer was sitting out under the broad piazza at the restaurant, taking coffee after dinner, his eyes hap-pened to be turned upward. About ten feet above his head there was a broad beam, probably 18 inches square, the horizontal support of the second story. Directly above, looking down at the group below, was the head of an imnense snake, ten feet away. The end of his tail was carelessly hanging over the beam's side.

The writer gave one jump, landing six feet away, exclaiming: "Good heavens, Partridge!" (our consul then at Manila, temporarily in charge of Amer-

can matters at Iloilo).
"Where is it?" he asked, not moving from his comfortable American cane eated rocker.

"Why, just over your head." "Sit down here," he said to me. "That snake came here when this house was out here. There are three or four others of his kind here besides. Without these snakes this low-lying town would be about uninhabitable. They keep the house absolutely clear and free from rats, mice, roaches, waterbugs, an oc casional tarantula or scorpion. He scents a stranger as quickly as would a detective. He knows you are one.

But as you are with me it will be all right. He and I are acquainted." And then Partridge called up something to him in Tagalese and in a few moments he moved away.

He can inflict serious younds with his fine, sharp teeth. But

e has no poison fangs."
Two or three evenings after that I witnessed how he operated. A great coal-black rat was coming along on a peam just below the one occupied by his snakeship. As he came opposite to me a big serpent's black and yellow spotted head shot out four or five feet way. He seized that rat as a cat would between his teeth. Next day as I passed this snake fast asleep in the hot sun I noticed a ratlike enlargement or xpansion on his diaphragm. I knew where that rat was.-Iloilo Letter in Washington Post.

Will Use "Got" Hereafter.

There is a long standing dispute whether "got" or "gotten" is the preferable participle, and the recent experience of a college professer may throw some light on the subject. He telegraphed to his wife: "I have gotten the subject of the subject o en tickets for the opera to-night. Meet me there." The telegraph operator rendered this into "Have got ten tick-ets," etc. Mrs. Professor was delighted with the opportunity of entertaining her friends, and accordingly made up a party of eight beside herself, and they all met the professor in front of the opera house that evening. We may magine the feelings of the unfortunate nan, and no one knows how he explained matters, but we may be sure hat he will not use "gotten" again in a telegram.

German Telephone System.

The telephone service of Germany is controlled and managed by the department for posts and telegraphs. The rates are low, the charge for a local telephone being \$38.55 per annum, including the rental of the instrument



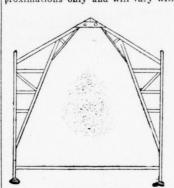
PLAN FOR HAY BARN.

How to Put Up a Durable and Convenient Structure to Hold 100 Tons, Loose.

In compliance with the request of a Texas correspondent, Prof. Mumford, of the Missouri agricultural college, gives a sketch and description of a barn stimated to hold 100 tons of loose al-

falfa hay.

The storage capacity needed for 106 ons of loose alfalfa hay will depend argely on the depth of the mows in which the hay is placed. The deeper the mow the greater its capacity per cubic foot. In mows 20 feet deep and bove it will require approximately 500 subic feet of space to store one ton of hay. These figures are, of course, approximations only and will vary with



INTERIOR BENT. (Showing Construction of Plank Bars Frame.)

the kind of hay and its condition when stored.

I suggest that your correspondent build a barn 40 by 60 feet and 24 foot osts. It will be convenient to place the bents 12 feet apart. The cheapest and strongest construction for the entire frame will be of 2 by 6 and 2 by 8 planks, spiked solidly together.

The accompanying sketch will indi-tate how the interior bents are constructed. This method of framing is peculiarly adapted to hay barns. entire floor space is left free and no posts or beams interfere with the working of the horse hay fork or slings. It will be convenient to provide wide doors so that hay wagons can be driven into the barn when being filled or for shelter for wagons, etc., when bays are empty. These driveways may be filled with hav after the other bays in barn are all full. There should be large doors in each gable for the hay fork or slings. The siding for this barn can be of second grade material. The roof should be built of good, durable material, shingle, slate or iron. By all means your cor-respondent should have a track in the gable running the entire length of barn upon which is to run a hay car carry ing hay from the load by fork or sling There are many outfits now sold which are very cheap and efficient and their use in handling 100 tons of hay will more than pay for the outfit in one season.-Journal of Agriculture.

SALT FOR STOCK.

A Supply of It Should Be Kept in Every Field Accessible to All Kinds of Animals.

Some experiments made in France showed that stock having a regular sup-ply of salt were more thrifty and made better use of the feed they ate than those deprived of salt for a considerable time.

Salt is one of the necessities of anima existence and even wild animals travel ong distances to seek salt in the shape of salt springs of brackish water. Salt mal economy, and as it is very cheap it to construct is as follows: liberal quantities.

A supply of salt should be kept in every pasture field and accessible to the animals at all times. The common cus tom of salting stock once a week a very poor way to supply the needs of the stock. The strongest ones will get enough, possibly, but the weaker ones and these are the ones that need it most, will be kept back and never get a full supply. One of the best ways to supply live stock with salt is to live stock with salt is to buy rock salt and place slabs of it in places convenient for the stock to get at it. The weather has but little effect on it and stock can get all they need by simply

sucking the salt slab. To feed it to horses put a piece in the feed box where they can get it at any time. This does not interfere with feeding the horses and at the same time; little of the salt gets on all the grain given them. Even pigs will lick a block of rock salt, although a good many people never think of salting the pigs -Farmers' Voice.

When Horses Catch Cold.

It has been noticed that horses that have been out on pasture for some time will frequently seem to take cold or develop a case of masal catarrh when taken up and kept in the stable. If the stable is very close and warm and no protection is given to the horse to pre-vent him from taking cold when brought out, he is liable to be affected by the change during very cold weather Sometimes, also, the stable is too oper and he has to stand in a draft when brought in warm from work. In such cases cold may frequently follow the neglect. In many cases, however, the and impure air .- Farmers' Review.

SILKWORMS IN IOWA.

The Experiments of an Italian at Des Moines Have Proved Success-

Mark Chiesa, an Italian, is successully raising silkworms at Des Moines, The eggs were brought from Italy by a relative. Two years ago he made the experiment first, but the person who brought the eggs carried them in his pocket and they hatched on shipboard, so the worms had to be thrown into the sea. This time the person to whom the eggs were intrusted suspended them on a string so that they got cool air on the ocean and on the railway trains. Arriving here, they were put into cold storage until the mulberry eaves were ready for them. Then pon being put into a warm room, they natched in one day.

Of the supposed 8,000 eggs from ten

ilk moths about 4,000 hatched, which result, Mr. Chiesa says, is better than the average in Italy. The greatest difficulty has been to find mulberry leaves for the worms. They eat about three wagonloads a day, and never stop eating for a minute, but eat all the time, day and night. The worms, in devouring the mulberry leaves, make a noise like rain on the roof. By lively hunting the food for the worms has been provided, and they are well developed and healthy, about three inches long, and are just beginning to weave their co-There seems to be no reason why the industry should not succeed here. Mr. Chiesa has brought a woman from Italy who has had 30 years' ex-perience with silk worms, and she says they are doing as well as any she ever

The experiment is the first that is known to have been made in the west, and is certainly the first that has been successful. It has attracted as much attention as a circus in this city, and the number of visitors is very large. The owner is a good-natured man and he cheerfully and proudly shows the industrious 4,000 to all who care to see

If they turn out as well as they romise to, Mr. Chiesa will buy a large farm near this city, plant it to mulberry trees and go into the business of raisng silkworms and producing silk on a large scale. From the experience he has had in America and Italy, where his father is a silk producer, he sees no reason why the industry should not be entirely successful in Iowa.—N. Y. Sun.

MAKING A DERRICK.

For Stacking Hay the One Here Described and Illustrated Is Highly Recommended.

The material for the derrick, as il-lustrated, is as follows: If the pole can be secured in the near-by woods, only the labor in securing it stands against it. The base is eight feet square, built on runners; frame, ten feet high. pole for sling use should be 30 feet long; long boom, 17 feet-short end, .four



DERRICK FOR STACKING HAY.

feet, long end, 13 feet; short brace, seven feet long, brace, 14 feet. Top of frame should be five feet square. The whole should be bolted together, so that it can be taken to pieces and stored in shelter when not in use. If built to is the great cleanser of the blood and use a sling, the long end of the arm performs an important mission in anishould be 35 feet high. Lumber needed

Total Here this lumber can be bought, hard wood, first-class, for \$2.60. Five dollars could cover the cost of the whole, ready for the pulleys .- Rural New Yorker.

FACTS FOR FARMERS.

The medium-sized potato, smooth, ven-shaped and free from scab, is the best to plant.

A peck of common salt to 100 hills of asparagus will increase the yield, improve the quality and prolong the sea-A deep, fine soil is not so easily af-

fected by drought as one that is rough

hard or lumpy. Fine tilage pays, either in the field or garden. A dollar's worth of paint well rubbed in, will save five dollars' worth of farm implements. Rub the handles and wood

work of small tools with linseed oil. Mixed gardening is what will bring a sure revenue to the farmer. Be sure to plant enough of everything for home ise, and as much more as you have land for.

it, and you are almost sure to get a good one and make some money besides. If you farm to make money alone it is doubtfui if you get either.

Concentrate your working capital, labor and fertilizers on one-half the acres you are now tending and see if farming does not pay better dividends satarrh or cold may be prevented by seeing that the stable is free from filth man.

Revised Proverbs

A thing of beauty is a joy forever, if some other fellow happens to possess it.
You can lead a horse to water, but you cannot make him drink, but when you succeed in getting a man up against the bar he loses his horse sense.
It's a long lane that has no turning when the treasure you are in search of is "just around the next bend."
Fortune knocks at many a man's door when he is out chasing the growler.—Chicago Times-Herald.

Comparing Notes.

Comparing Notes.

"My husband," said the little lady, with pardonable pride, "bought me a season seat in the highest-priced theater in the city."

"A mere trifle," sighed the imposing caller.

"My husband bought a seat in the United States senate and it cost more than the whole theater you're talking about."—
Detroit Free Press.

How to Reach Two Famous Resorts

An Outing Hint from "Outing."

Fast, safe, superbly equipped and most carefully governed, one need not wonder at the great popularity of the New York Central. No other line affords such facilities for through travel between the East and the West as this wonderful four-track system. In the possession of the Grand Central Station, located in the heart of New York City, and within trifling distances of all first-class hotels, this railway offers greater advantages than competing lines. Spring, summer, autumn and winter, it has attractions irresistible. The great Northern Wilderness, the playground of the State, now beckons its thousands. As autumn falls, America's scenic masterpiece, far-famed Niagara, will claim its annual host of pilgrims with its majestic power, the fierce turnoil of the Whirlpool and all the picturesque surroundings, the awesome Cave of the Winds and several other minor attractions of the vicinity. And when winter comes, then the entire scene transformed to what seems a fairyland of marvelous frost dressings, of icy forts and snowy palaces; of gleaming crystal prison barriers vainly striving to bind the roaring, foaming plunge of water—will present a spectacle of weird, mysterious beauty which is not duplicated in the world.—Outing. An Outing Hint from "Outing

The One Exception.

He—To hear you tell it, one would think never told a single truth before we were

I never told a single truth before we were married.

She—Well, you did prevaricate to a considerable extent, but I'll give you credit for having told me the truth once.

"Indeed! And when was that, pray?"

"When you proposed. Don't you remember you said you were unworthy of me?"—Chicago Evening News.

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One size smaller after using Allen's Foot-Ease, a powder for the feet. It makes tight or new shoes easy. Cures swollen, hot, sweating, aching feet, ingrowing nails, corns and bunions. At all druggists and shoe stores, 25c. Trial package FREE by mail. Address Allen S. Olimsted, Le Roy, N. Y. Against Slang.

"This slang is very annoying," said the solemn gentleman. "You remember that time my house was entered by a burglar? Well, I yelled robbers with all my might, and the people thought I was yelling 'rubber' and refused to pay any attention."—Indianapolis Journal. Lane's Family Medicine.

Moves the bowels each day. In order to be healthy this is necessary. Acts gently on the liver and kidneys. Cures sick headache. Price 25 and 50c. She Carried Him Off.

Huntley—Funny thing, that elopement of Miss Longwaite and young Snipper. Author—Elopement? That was an ab-duction!—Philadelphia North American.

To Cure a Cold in One Day Take Laxative Bromo Quinine Tablets. All druggists refund money if it fails to cure. 25c. Barnes Tormer—He who entertains the fickle public, sir, leads a dog's life.
Stranger—You don't mean to tell me you are the barker for the show?—Indianapolis Journal.

Hall's Catarrh Cure

Is a Constitutional Cure. Price, 75c. The only people who have any excuse for having the big head are those who have never had it.—N. Y. Journal.

Piso's Cure cured me of a Throat and Lung trouble of three years' standing.—E. Cady, Huntington, Ind., Nov. 12, 1894.

A cynical bachelor says Adam's wife wat called Eve because when she appeared his day of happiness was at an end.—Chicago Daily News.

An amateur editor has made a fortune by his pen. His father died of grief on read-ing one of his editorials and left him \$150, 000.—Nauvoo Independent.

If wives could get away from their hus bands as easily as other women the men would cling to them so hard that all the di-vorce lawyers would die of starvation.—N. Y. Press.

Y. Fress.

Gadzooks—"Does your minister believe in the policy of expansion?" Zounds—"I should say he does! His text yesterday consisted of two words, and he made a sermon out of it that it took him an hour to deliver."—N. Y. Tribune.

Managing Editor—"Don't you think we had better have a shorthand man at the Ministers' association meeting this afternoon?" City Editor—"Don't see how we can work it. It will take every shorthand man on the force to handle that woman's convention."—Ohio State Journal.

"Rehfuse meh proffered love, proud gerrul" cried the heavy villain, "and by meh halidome I'll dash yeh over yondeh beetling clift". The girl gazed in the direction designated by his grimy forefinger. "Huh!" she said, "that's only a bluff." For she was up in topography as well as some other things.—Standard and Catholic Times.

Times.

A business house of Aberdeen, Scotland, recently engaged as office boy a raw country youth. It was a part of his duties to attend to the telephone in his master's absence. When first called upon to answer the bell, in reply to the usual query: "Are you there?" he nodded assent. Again the question came, and still again, and each time the boy gave an answering nod. When the question came for the fourth time, however, the boy, losing his temper, roared through the telephone: "Man, a' ye blin'? I've been noddin' me heid aff for t' last hauf 'oor!"—Mirth.

The state of the s

How is this?

Perhaps sleepless nights caused it, or grief, or sickness, or perhaps it was care.

No matter what the cause, we cannot wish to look of you cannot wish to look old

at thirty.

Gray hair is starved hair.

The hair bulbs have been deprived of proper food or proper nerve force.

increases the circulation in the scalp, gives more power to the nerves, supplies missing elements to the hair

bulbs.

Used according to directions, gray hair begins to show color in a few days. Soon it has all the softness and richness of youth and the color of early life returns.

Would you like our book on the Hair? We will gladly send it to you.

send it to you. Welte us!

If you do not obtain all the benefits you expected from the Vigor, write the doctor about it. He may be able to suggest something of value to you. Address, Dr. J. C. Ayer Co., Lowell, Mass.

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