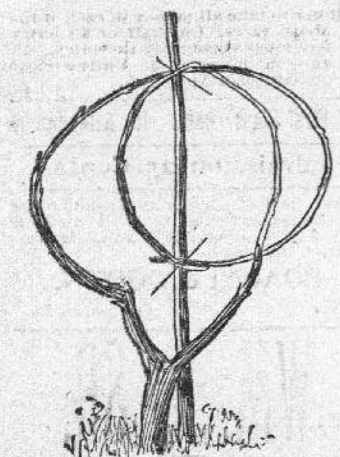




PRUNING GRAPEVINES.

A Method Successfully Used by the Horticulturists of a Prominent Experiment Station.

The cut represents a good method of pruning and training grapevines, recommended in one of the station bulletins. The vine in its early years is pruned to make a low, stout head that will stand without support, having two or more short arms. One of the new fruiting canes is left on each of the two arms, and this is bent in a circle and first tied low down near the base. To insure fruitfulness rather than a vigorous growth of wood these canes should receive a severe bend near the base. This can be accomplished by drawing up or pressing down, as required, in making the second or upper tie. Care must, of course, be taken to



not break the canes in making this sharp bend. To distribute the fruit and foliage the canes should be crossed at right angles. No more than two canes should be crossed in this way. A short spur of two buds (not shown in cut) should be left on each branch to make new wood for next year's fruiting, as this year's fruiting canes must be cut away.

Pruning grapevines may now be prosecuted during any fine weather. The intention and purpose of pruning a vine are to concentrate the growth and produce the capacity of the plant to the fruiting of a comparatively few buds, and not spread it over a great length of vine and numerous buds. The canes, then, of last season's growth, some of which may be ten to fifteen feet long, are cut back to two eyes, leaving short spurs, from which the next year's growth is to proceed. Some of the canes may be cut altogether, and only enough left to bear a small fruit, and no more, as the vine can properly mature of the best quality.—Farm Journal.

Four Feet of Horse Radish.

A home plot of horseradish is desirable to promote appetite and invigorate digestion. A plot of rich ground three by four feet will supply a large amount of roots. The location should be not too dry and the ground should be very deeply spaded. Roots can then be set—small pieces of root four or five inches long and a quarter of an inch in diameter make the best growth—at a depth of two or three inches and 18 inches apart. The plants should be kept hoed and the ground free from weeds until their leaves shade the ground, when they will need no further cultivation and their shade will also keep the soil moist.—Prairie Farmer.

Colony Plan for Pigs.

For the farmer who is desirous of raising the best grades of stock in the most economical way, it will be difficult to find anything that will surpass the colony plan arrangement. On in other words, several yards, and a few pigs in each yard. If one is aiming at quantity, or even fattening stock for market, it is very poor policy to put several litters together, especially if they are of varying ages and sizes; the older ones are almost sure to get more than they need, and the youngest too little. Unless the herd is unusually small and is made up of several small litters, it will invariably pay to grade according to size and strength.—Agricultural Epitomist.

Scrub's Day is Over.

The breeding of fine horses, which has been largely neglected for a number of years, is receiving a wonderful impetus this season. Farmers have commenced to realize that the world of commerce cannot be moved without good horses, and the increasing domestic consumption and foreign demand must advance the prices of horses suitable for the markets. Many communities are commencing to take active interest in the subject and in many instances local organizations are formed for the purpose of purchasing prime breeding animals. This is a movement in the right direction, as a day for scrub stock is past.—Drover's Journal.

Buying Nursery Stock.

In making out orders for fruit trees and vines don't forget to order from nurseries having as near as possible the same soil and climate as the trees will have when planted and buy from a nurseryman known to be professional, progressive and reliable. Get healthy, vigorous stock, with strong vitality, well rooted, good cane or stalks, with branches in proportion to the roots. Apple trees are considered best for planting at two or three years, not more than the latter age; standard pears should be two or three years old, dwarf pears, plums, peaches, currants, gooseberries and grapes, one to two years old.

The Cruel Driver.

As he beats the poor beast that is his control, pray tell, which brute is more worthy a son? The ass in the cart or the horse at the pole?—L. A. W. Bulletin.

Plant such varieties as will grow in your section, even if they are not the best varieties. The Ben Davis will do well in sections of the west where other varieties will do nothing.

HOW TO FIND OUT.

Fill a bottle or common glass with your water, and let it stand twenty-four hours; a sediment or settling indicates an unhealthy condition of the kidneys; if it stains your linen it is evidence of kidney trouble; too frequent desire to pass it or pain in the back is also convincing proof that the kidneys and bladder are out of order.

What to do.

There is comfort in the knowledge so often expressed, that Dr. Kilmer's Swamp-Root, the great kidney remedy, fulfills every wish in curing rheumatism, pain in the back, kidneys, liver, bladder, and every part of the urinary passage. It corrects inability to hold water and scalding pain in passing it, or bad effects following use of liquor, wine or beer, and overcomes that unpleasant necessity of being compelled to go often during the day, and to get up many times during the night. The mild and extraordinary effect of Swamp-Root is soon realized. It stands the highest for its wonderful cures of the most distressing cases. If you need a medicine you should have the best. Sold by druggists in fifty-cent and one-dollar sizes. You may have a sample bottle of this wonderful discovery and a book that tells more about it, both sent absolutely free by mail. Address, Dr. Kilmer & Co., Binghamton, N. Y. When writing be sure and mention that you read this generous offer in this paper.

CASTORIA

For Infants and Children In Use Bears The Signature Of *Chas. H. Fletcher* Over Thirty Years For The Kind You Have Always Bought

Weyler's Forecast.

"I don't think," growled Gen. Weyler, "that my ability as a prophet is recognized as it should be."

"What's the matter, general?"

"Well, didn't I predict that Cuba would eventually be pacified?"—Pittsburgh Chronicle.

You Can Get Allen's Foot-Ease FREE.

Write today to Allen S. Olmsted, Le Roy, N. Y., for a FREE sample of Allen's Foot-Ease, a powder to shake into your shoes. It cures chilblains, sweating, damp, swollen, itching feet. It makes tight shoes easy. Cures Corns, Bunions and Ingrowing Nails. All druggists and shoe stores sell it. 25 cents.

The Pen may be mightier than the sword;

but it is always the pen that tells you so.—Town Topics.

Potash

in his fertilizers. If the fertilizer is too low in Potash the harvest is sure to be small, and of inferior quality.

Our books tell about the proper fertilizers for all crops, and we will gladly send them free to any farmer.

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CAPILLARIS

Scalp and Hair Diseases, such as Baldness, Ringworm, Itchiness, Dandruff, Eruptions, Pimples, Boils, Hives, Herpes, Itching, Scalding, Eczema, Chancres, Ulcers, etc. Itching, Scalp and Hair Diseases, such as Baldness, Ringworm, Itchiness, Dandruff, Eruptions, Pimples, Boils, Hives, Herpes, Itching, Scalding, Eczema, Chancres, Ulcers, etc.

PERFECTION DYES!

A Turkey Red!

On Cotton Pile in SUN, AIR, SOAP and ACID is made with new "PERFECTION" Dyes. It is made with new "PERFECTION" Dyes. It is made with new "PERFECTION" Dyes.

READERS OF THIS PAPER DESIRING TO BUY ANYTHING ADVERTISED IN ITS COLUMNS SHOULD INSIST UPON HAVING WHAT THEY ASK FOR, REFUSING ALL SUBSTITUTES OR IMITATIONS.

Railroad Across the English Channel.

The English Parliament is considering the plan of connecting that country with France by railway. Engineers say a roadbed can be laid on the bottom of the English channel, and by mounting ironwork on wheels, so that it projects above the water, the railway can be operated. This seems beyond belief, but it is perhaps no more remarkable than some of the cures accomplished by Hoistetter's Stomach Bitters in bad cases of dyspepsia, indigestion and constipation. This is an age of wonderful achievements.

Scientific Note.

"I see that distilled water is really poisonous," said the majah. "That is what comes, of interfering with nature."

"Right, sah," assented the colonel. "Nature dehvah intended the distillery, sah, to be liding his time away on watah, sah."—Indianapolis Journal.

"It's gone," he said. "10 years of rheumatism. St. Jacobs Oil did it."

He doubts his trials who complains of them.—Watchman.

Creosote Hotel, Eureka Springs, Arkansas,

Opens February 23. In the Ozark Mountains. Delightful climate. Beautiful scenery. Unequaled medicinal properties. Clean, cozy rooms, rates, through sleepers by Princeton Line. Address, J. O. Plank, Manager, Room H, Arcade, Century Building, or Frisco Ticket Office, No. 101 N. Broadway, St. Louis, Mo.

"I," said the orator, "am an American of the good old stock, rooted deep in the soil. The only stock I ever heard of that rooted deep in the soil," said the farmer in the audience, "was hogh."—Indianapolis Journal.

"Seel Bad sprains cured.—St. Jacobs Oil's magic worked it."

Often a man gets out of the rut only to get into the ditch.—Town Topics.

ONE ACCOMPLISHMENT.

A Finland Maiden Who Had One Qualification for the Position of Cook.

The servant girl question is even more difficult in small town cities than it is in New York. There no lady ventures to ask a reference, but contents herself with a verbal examination of her applicant's capabilities.

There was an avalanche of Sweden and Finlanders in a Pacific slope town last winter, and one wild-haired dame presented herself as a candidate for a \$20-a-month position as cook. The prospective mistress thus interrogated her:

"Can you make good bread?"

"Bread?"

"Can you make soup?"

"Soup?"

"Do you understand roasting meats?"

"Meat?"

"Can you broil?"

"Naw."

"Can you clean brasses?"

"Naw."

"Well, my goodness, girl! What can you do?"

The Finlander reflected. Then she answered proudly: "I can milk a reindeer!"—N. Y. World.

HIS CONDITION.

He Was Just Plain Lazy, Without Any of Your Frills or Ornaments.

"Howdy do, Mr. Jarlick?" saluted Dr. Slaughter, an Arkansas physician. "How is your health to-day?"

"Are you asking as a physician or merely as a friend?" returned Mr. Jarlick, a moss-grown, but shrewd native.

"As a friend, of course!"

"Well, then, Doc, I'm feelin' kinder watter, so to express it. Ain't sick enough to go to bed, nor well enough to do anything that looks like work. Ain't rich enough to need a vacation, nor poor enough to feel like I want one. Can't say I've got spring fever or palpitation of the heart, for the first ain't in season now, an' I've got darn big an' husky for anybody to believe the letter. The simple fact of the case is that I'm truthful enough to own up that I'm lazy, without any frills or ornaments—jest plain lazy, an' honest enough to confess it. That's all in the world is the matter with me!"—Puck.

Our Industries.

"Cuba seems to adopt our industries quite readily."

"Yes, I'm told Cuban tobacco is already being produced in Cuba to some extent."—Detroit Journal.

STATE OF OHIO, CITY OF TOLEDO,

LUCAS COUNTY,

Frank J. Cheney makes oath that he is the senior partner of the firm of E. J. Cheney & Co., doing business in the city of Toledo, County and State aforesaid, and that said firm will pay the sum of One Hundred Dollars for each and every case of catarrh that cannot be cured by the use of Hall's Catarrh Cure.

Sworn to before me and subscribed in my presence, this 8th day of December, A. D. 1888.

A. W. GLEASON,
Notary Public.

Hall's Catarrh Cure is taken internally and acts directly on the blood and mucous surfaces of the system. Send for testimonials, free.

FRANK J. CHENEY & CO., Toledo, O.
Sold by druggists, 75c.
Hall's Family Pills are the best.

There's Only One Standard of Quality in Athletic Goods—

"Spalding." Accept no substitute.

Handsome Catalogue Free.

A. G. SPALDING & BROS.,
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Send for book entitled "Facts and Figures." Sent free by The Pe-ru-na Drug Mfg. Co., Columbus, O.

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"Spalding." Accept no substitute.

Handsome Catalogue Free.

A. G. SPALDING & BROS.,
New York Chicago Denver.

The Best Prescription for Chills and Fever is a bottle of Grove's Tasteless Chill Tonic.

It is simply iron and quinine in a tasteless form. No cure—no pay. Price, 50c.

Upon a man stating that he owned a male, a friend asserted that it was a case of self-protection.—Boston Watchman.

To Cure a Cold in One Day

Take Laxative Bromo Quinine Tablets. All druggists refund money if it fails to cure. 25c.

No man is too worthless for some woman to get stuck on him.—Washington (Pa.) Democrat.

Where's it gone? Ask St. Jacobs Oil. It cured that brute—gone.

A high-toned young man—The tenor singer.—Christian Work.

There's Only One Standard of Quality in Athletic Goods—

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A. G. SPALDING & BROS.,
New York Chicago Denver.

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AN ORIENTAL PEACH.

As a Slinger of Mongolian Taft's This Vassal Was a Winner in a Walk.

Her majesty, Tai An, empress of China, sat in her palace in the purple Forbidden City with her brow resting on her thumb and her index finger pushed up through her fringe. Rousing herself presently from her profound absorption she beckoned to a waiting colored person stationed against the yellow silk tapestry.

"Un-Hung," she said, "where is the emperor?"

"Dash your ignominious slave into a million atoms, oh, amethyst flower of the Celestial kingdom," he responded, lying flat on his chest before her, "but your slave wotteth naught."

"Wot?"

"No, most purple of our yellow lilies of the Yang-tse-King, do not wot where the emperor is? I have not seen him for many days."

"And this is he?"

"Most beautiful descendant of all the gods, your vile slave speaks but the truth, though he lies here on his very stomach. He wotteth not where the emperor is."

"Slave, dog, canine wretch, scum of the Yellow river, did I not tell you what to do?"

"Truly, most august of the gentle, purple peonies of Peking, and your slave did it to the queen's taste, so to speak."

"Aha, then he is dead?"

"As a mackerel, O, yellow anemone of the crystal palace, knowing that he is dead?"

"How the dickens, most marvellous of manarin metrons, do I know where he is? I'm no fortune teller."

"Oho, aha," smiled her majesty, again replacing into thought, "bring on another."—Cincinnati Enquirer.

Water in a Dilemma.

It was in one of the large downtown restaurants, little the short little woman and her husband went to dinner one night.

"Will you have oysters?" asked the man, glancing over the bill of fare.

"Yes," said the short little woman, as she tried in vain to touch her toes to the floor.

"And, John, I want a hassock."

John nodded and, as he handed his order to the waiter he said: "Yes, and bring a hassock for the lady."

"One hassock?" asked the waiter, with what John thought more than ordinary interest, as he nodded in the affirmative. Still side and, speaking sotto voce, said: "Say, mister, I haven't been here long, and I'm not on to all these things. Will the lady have the hassock boiled or fried?"—Chicago Chronicle.

For a Culinary Reason.

"Pa," said little Willie, "why is a bad actor called a ham?"

"Perhaps," his father replied, "because he's so often served with eggs."—Catholic Standard and Times.

The biggest is always dead sure of something he knows nothing about.

—Chicago Daily News.

A Dose in Time Saves Nine of Hale's Honey of Honey and Tar for Coughs, Pike's Toothache Drops Cure in one minute.

Some men think they deserve credit for liking their own children.

—Washington (Pa.) Democrat.

THE ROUGH RIDER,

BUGK TAYLOR, SAYS:

"Pe-ru-na is the Best Catarrh Cure on Earth—It Has Cured Me."

St. Jacobs Oil cures Soreness.

St. Jacobs Oil cures Stiffness.

Some men think they deserve credit for liking their own children.

—Washington (Pa.) Democrat.

THE ROUGH RIDER,

BUGK TAYLOR, SAYS:

"Pe-ru-na is the Best Catarrh Cure on Earth—It Has Cured Me."



Winter weather causes catarrh.

Everybody knows this. But everybody does not stop to think that winter weather delays the cure of catarrh. It takes longer to cure a case of catarrh in the winter generally, than in the warm season. Spring is here. Now is the time favorable to the treatment of old and especially stubborn cases of catarrh.

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Syrup of Figs

DELIGHTFUL LIQUID LAXATIVE TO GET ITS BENEFICIAL EFFECTS BUY THE GENUINE CALIFORNIA FIG SYRUP CO. SAN FRANCISCO, CAL.

FOR SALE BY ALL DRUGGISTS PRICE 50¢ PER BOTTLE LOUISVILLE, KY NEW YORK, N.Y. U.S.A. LONDON, ENGL.

AN EXCELLENT COMBINATION

THE pleasant method and beneficial effects of the well-known remedy, SYRUP OF FIGS, manufactured by the California Fig Syrup Company, illustrate the value of obtaining the liquid laxative principles of plants known to be medicinally laxative and presenting them in the form most refreshing to the taste and acceptable to the system. It is the one perfect strengthening laxative,

CLEANSING THE SYSTEM EFFECTUALLY, DISPELLING COLDS AND HEADACHES, PREVENTING FEVERS, OVERCOMING HABITUAL CONSTIPATION PERMANENTLY.

Its perfect freedom from every objectionable quality and substance, and its acting on the kidneys, liver and bowels, gently yet promptly, without weakening or irritating them, make it the ideal laxative. In the process of manufacturing figs are used, as they are pleasant to the taste, but

THE MEDICINAL QUALITIES ARE OBTAINED FROM SENNA AND OTHER AROMATIC PLANTS,

by a method known to the California Fig Syrup Company only. In order to get its beneficial effects, and to avoid imitations, please remember the full name of the Company printed on the front of every package. Consumers of the choicest products of modern commerce purchase at about the same price that others pay for cheap and worthless imitations. To come into universal demand and to be everywhere considered the best of its class, an article must be capable of satisfying the wants and tastes of the best informed purchasers. The California Fig Syrup Company having met with the highest success in the manufacture and sale of its excellent liquid laxative remedy, SYRUP OF FIGS, it has become important to all to have a knowledge of the Company and its product. The California Fig Syrup Company was organized more than fifteen years ago, for the special purpose of manufacturing and selling a laxative remedy which would be more pleasant to the taste and more beneficial in effect than any other known. The great value of the remedy, as a medicinal agent and of the Company's efforts, is attested by the sale of millions of bottles annually, and by the high approval of most eminent physicians. As the true and genuine remedy named SYRUP OF FIGS is manufactured by the California Fig Syrup Company only, the knowledge of that fact will assist in avoiding the worthless imitations manufactured by other parties.

CALIFORNIA FIG SYRUP CO.

LOUISVILLE, KY. SAN FRANCISCO, CAL. NEW YORK, N.Y.

For Sale by All Druggists. Price 50¢ Per Bottle.

Best Prescription for Malaria, Chills and Fever, Grove's Tasteless Chill Tonic

It is simply Iron and Quinine in a tasteless form. . . Sold by every druggist in the malarial sections of the United States. . . No cure, no pay. . . Price, 50c.



WHOLESALE.

St. Louis, Mo., Feb. 6, 1899.

PARIS MEDICINE CO., City.

Gentlemen—We wish to congratulate you on the increased sales we are having on your Grove's Tasteless Chill Tonic. On examining our record of inventory under date of Jan. 1st, we find that we sold during the chill season of 1898, 2650 dozen Grove's Tonic. We also find that our sales on your Laxative Bromo-Quinine Tablets have been something enormous: having sold during the late Fall and Grip season, 4,500 dozen. Please rush down order enclosed herewith, and oblige, Yours truly, MEYER BROS. DRUG CO. Per Schell.

RETAILER.

KEDRON, ILL.

PARIS MEDICINE CO.,

Gentlemen—I handle seven or eight different kinds of Chill Tonics but will ten bottles of Grove's to which I will give you three bottles of Grove's Tonic. My children are all well and it was your Tasteless Chill Tonic that did it. I cannot say too much in its behalf. Yours truly, JAMES D. ROBERTS.

First Tasteless Tonic ever manufactured.

All other so-called "Tasteless" Tonics are imitations. Ask any druggist about this who is not PUSHING an imitation.

"FORBID A FOOL A THING AND THAT HE WILL DO." DON'T USE

SAPOLIO

THE SCHOOLS

Of Greater New York, Boston, and many other places use Carter's Ink exclusively and won't use any other. That speaks well for CARTER'S INK and gives you food for thought.

WHISKERS DYED

A Natural Black by **Buckingham's Dye.**

Price 50 cents of all druggists or R. P. Hall & Co., Nashua, N.H.

FREE! A HANDSOME WATCH

Give us your name and address on a card and we will send you a beautiful watch for nothing. Write for particulars to J. R. BROWN & SONS, San Francisco, Cal.

DROPSY NEW DISCOVERY!

Give you quick relief and cures every case of dropsy in ten to 14 days. Treatment Free. DR. H. H. GREEN'S DISPENSARY, No. 24, Atlanta, Ga.

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8000 BICYCLES

Give us your name and address on a card and we will send you a beautiful bicycle for nothing. Write for particulars to J. R. BROWN & SONS, San Francisco, Cal.

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