

Confidence

when eating, that your food is of highest wholesomeness—that it has nothing in it that can injure or distress you—makes the repast doubly comfortable and satisfactory. This supreme confidence you have when the food is raised with

ROYAL Baking Powder Absolutely Pure

The only baking powder made with Royal Grape Cream of Tartar

There can be no comforting confidence when eating alum baking powder food. Chemists say that more or less of the alum powder in unchanged alum or alum salts remains in the food.

Fruit and Flowers

ORCHARD PRACTICE.

Individual Trees Should Be Studied Before Pruning.

Pruning is a broad subject and one that is not much understood by most people. Usually when a man buys trees he thinks he must be always pruning them, but such is not the case. Pruning is to assist nature and must be done with certain definite objects in view—namely, to promote growth, to reduce fruit spurs, to retard excessive growth and to form the tree the desired shape.

There is a struggle for light, heat and air among the individual branches or twigs of a tree which is commonly



WRONG PRUNING.

[This kind of work is never permissible. Always cut close to the trunk and make a smooth wound.]

termed "struggle for existence." Every twig requires air, heat and light, and, as each has not the same position on the tree, some must die or be removed. Those near the center must be watched more closely, as those near the outside receive plenty of air and sun. Almost every variety of tree has its individual shape. If each is studied and pruned according to its characteristic tendencies, the process of pruning will be very simple. After the crown has been properly started the first year the next great important step is to decide at the beginning of the second year whether you are going to grow trees with a central leader or hollow center. These methods of forming trees are much discussed by prominent orchardists, and both methods are being used.

In pruning the fruit trees always

make a clean, smooth cut and have a bucket of good wax or paint handy and thoroughly cover the wound. This prevents decay of the wood and allows the new tissue to grow over unmolested by fungi or the elements. The cambium, or inner bark, will begin to cover the wound as soon as the tree becomes active in the spring, but will form only over a limited portion of the cut surface. The growth of the cambium can be encouraged and made to completely cover the wound if cut along the inner side of the callus with a sharp knife. In all your pruning take the branch off just as close as possible to the limb where it issues and never leave a stub.

It is generally thought by fruit growers that the high headed tree is better, as it allows better and easier cultivation. This is the main point upon which the advocates of high headed trees base their whole argument. A high headed tree is generally the worst kind to cultivate under, for usually the lowest limbs are permitted to make a decided lateral growth almost parallel to the soil, and when these limbs are laden with fruit they extend almost to the ground, and it is readily seen that close cultivation is impossible.

The trees in the old orchards and yards all over Oregon show the evolution of the high headed tree. It is simply this: When the lowest limbs interfere with cultivation they are removed, the next set of limbs are permitted to make a lateral growth similar to the first, and eventually these are cut off. Thus it continues until the crown of the tree is ten to fifteen feet from the ground, and the fruit is practically out of reach.

On the other hand, the crown of the low headed tree is started near the ground, and the limbs make an upright standing growth, which allows far closer cultivation. The limbs by pruning are caused to grow strong and able to support their fruit.—O. L. Lewis.

The Baldwin.

I am aware there is a difference in the appearance of Baldwin apples, as may be seen at any exhibition where a number of samples are shown, yet they are Baldwins just the same, but are grown under different conditions; hence the difference in looks. There are some who think that the Baldwin has deteriorated and the fruit is not what it was when first introduced. I do not believe this at all. I do think, however, that the trees have in some cases been weakened by propagating them from scions taken from stunted and unhealthy bearing trees or from starvation.—Dr. Joseph B. Ward.

A GLIMPSE OF TANGIER

The Oddities of This Famous City of the Moors.

ITS QUEER, WINDING LANES.

No Wheeled Vehicles Are to Be Found There, and the Street of the Christians, the Main Thoroughfare, is Only Twenty Feet in Width.

First impressions of a city like Tangier are difficult to give because of their enormous confusion. It is a variegated and kinetoscopic picture that one recalls of events since one's arrival, full of motion and color, but devoid of order or sequence. It is as hard to arrange one's ideas as to assemble one's coins of American, English, Spanish and Moorish mints, reduce them to pesetas and centimos and get back the right change when making a purchase.

From the pier one passes into and up the main thoroughfare, or Street of the Christians, and here your first idea of Tangier itself begins. Bare legs, flowing robes, red fezes, white turbans, donkeys, mules, men, women, children and produce pass before the eyes, and a babel fills the ears.

The Street of the Christians is the widest in town, averaging twenty feet. Others are ten, eight or as little as six. All are paved with rough cobblestones, and of course there is no room for sidewalks. Wheeled vehicles there are none, either in Tangier or elsewhere in the country. Men and donkeys jostle and push each other without ceremony, but with a certain comity and mutual respect that comes of long and close association. While your head is turned a donkey with water casks protruding from both sides of his back will bump them against you, sending you careening against another patient beast laden—always overlaid, it may be said—with bags of grain.

Houses are of masonry plastered outside and usually calcimined with a slightly bluish tint to reduce the glare otherwise of unrelieved white. Mostly they are two and three stories in height, many with such windows as they have opening upon an inside court and only narrow peepholes looking out upon the street. This, taken together with the narrowness of the highways, makes it hard to distinguish architectural landmarks as you go about. From either side of the Street of the Christians queer lanes branch out and wind and cross and double and end with tantalizing frequency in a blank wall. Finding one's way is beset with difficulties and following directions hopeless.

Soon after arrival I decided to visit the American consulate. I fixed it upon the map as about two minutes' walk and dismissed my Moorish guide with scorn when he offered to accompany me. An hour later I was thankful merely to find myself again on the Street of the Christians and had forgotten all about the American consulate. The next day I was humble

enough to let the guide show me the way.

Guides here are numerous, but, outside of a narrow limit, worthless on account of their slight acquaintance with English or any other tongue except Spanish and their native Arabic and their inability or disinclination to do for you what you want. Their main object seems to be to take you on donkey rides when you would rather walk and divide your pesetas with the driver or steer you into cafes, where they order coffee which you do not want, but for which, as an American and therefore a millionaire, you are expected to pay.

On the other hand, one cannot well do without these guides, because he cannot ask a question of two words on the street or even pause to read a sign before he is surrounded by a dozen interpreters—interrupters would be better—donkey drivers, street vendors and beggars, each of whom thinks himself entitled to half a peseta for merely offering his services.

So, after all, it is as well to be bled by the guides, because while they are with you they drive off the other parasites, wishing to preserve your pesetas for their own better purposes, and it is a question of suffering at the hands of one rather than otherwise supporting the whole town.

As an instance of the cosmopolitan character of the town, the owner of my hotel is an Englishman whose wife is a Spaniard born in Tangier. The French, British, German and Spanish governments maintain separate post-offices, but all take the money of the others. The first letter I mailed I took to the German postoffice, tendered English money in payment and got back Spanish in change. If one has occasion to send considerable mail it pays, I have been assured, to buy stamps in Moorish money, because all coin is accepted at its face value at the postoffices, but Moorish is so depreciated for commercial purposes that it can be secured upon the most favorable terms of all from the money changers.

Every "dog of a Christian" in Morocco is living here by the tolerance of a people which is little different now from what it was a thousand years ago, when the Moslem hordes swept across northern Africa and into Europe until halted by Charles Martel on the field of Tours. This tolerance, it is true, is one of long standing in the coast cities and likely to continue, but it must not be forgotten that it is a tolerance none the less and that these people are capable of both wild and wonderful deeds when aroused, as the record of their invasions and the civilization of Andalusia attests.—Arthur H. Warner in New York Post.

San Jose Scale.

Upon purple pines, red apples, etc., the scales appear only as minute gray specks, usually clustered about the cavities at either end, but upon the yellow fruits, like pears, peaches and the yellow plums and apples, each scale produces a bright reddish discoloration.

Shrubs and Climbers.

Shrubs and climbers together, judiciously placed, will often transform a bare and dreary house and grounds into a scene of harmony and beauty.

FAT FOLKS ONE DOLLAR

Invested in a bottle of these wonderful, harmless fat reducing tablets and in 30 days you will be a normal, well-formed person again. Don't carry around your ugly bulk, your ungainly superfluous flesh. It makes you miserable, ridiculous and what is more important, it subjects you to fatal consequences. Sudden death from fatty Degeneration, Heart Disease, Kidney Trouble, Apoplexy and Muscular Rheumatism—all come from OVER-FATNESS.



Thousands of Testimonials From Grateful Persons Prove This

YOUR MONEY BACK IF IT FAILS

"ANTI-CORPU" is absolutely the greatest discovery in medicine for reducing FAT. It is made in the form of a little tablet out of VEGETABLE matter and is easy and pleasant to take. It is endorsed by every reputable Physician and College of Medicine. Ask your doctor.

"ANTI-CORPU" is absolutely harmless. The formula used in making this preparation is on file in the Bureau of Chemistry in Washington, which is proof that it is PURE and HARMLESS.

"ANTI-CORPU" reduces FAT from 3 to 5 pounds a week. It reduces Double chin, Fat hips and flabby cheeks. No wrinkles result from this reduction, for it makes the skin close fitting and smooth.

"ANTI-CORPU" strengthens WEAK HEART, cures PALPITATION, SHORT BREATH and acts like magic in MUSCULAR RHEUMATISM and GOUT.

Price \$1.00 per bottle. Money back if it don't do all we claim. If your druggist does not keep it, show him this advertisement and make him get it for you, or you can send for it DIRECT to us. We pay postage and send in plain wrapper.

FREE 30 DAYS' TREATMENT IN EVERY BOTTLE.

We will send you a sample of this wonderful fat reducing remedy on receipt of 10 cents to pay for postage and packing. The sample is sufficient to reduce the desired weight. Mention this paper. ESTHETIC CHEMICAL CO., 31 West 125th Street, New York, N. Y.

SIREN DEVELOP THE BUST

SHE'S A QUEEN SHE'S A SIREN



is an expression that is always heard at sight of a well developed woman. If you are flat chested, with BUST undeveloped, a scrawny neck, thin, lean arms—the above remark will never be applied to you. "SIREN" wafers will make you beautiful, bewitching. They DEVELOP THE BUST in a few weeks from 3 to 6 inches and produce a fine firm, voluptuous bosom. They fill out the hollow places. Make the arms handsome and well modeled and the neck and shoulders shapely and of perfect contour.

Send for a bottle today and you'll be pleased and grateful. "SIREN" wafers are absolutely harmless, pleasant to take and convenient to carry around. They are sold under guarantee to do all claim or MONEY back.

Price \$1.00 per bottle. Inquire at good drug stores or send DIRECT to us.

FREE During the next 30 days only—we will send you a sample bottle of these beautifying wafers on receipt of 10 cents to pay cost of packing and postage if you will mention that you saw the Advertisement in this paper. The sample alone may be sufficient if defects are trivial.

Desk 22 ESTHETIC CHEMICAL CO., 31 West 125th St. New York.

THE ROAD OF A THOUSAND WONDERS

Shasta Route and Coast Line of the Southern Pacific Company Through Oregon and California

Over 1300 miles of scenic beauty and interest—attractive and instructive. This great railroad passes through a country unsurpassed for its scenic attractions, and introduces the traveler to the vast arena soon to become the scene of the world's greatest industrial activities. There is not an idle or uninteresting hour on the trip, and the variety of conditions presented excites wonder and admiration.

Special Low Rate Tickets now on Sale at All Ticket Offices

\$55.00

Portland to Los Angeles and Return

Long limit on tickets and stop-over privileges. Corresponding rates from other points. Inquire of G. W. Roberts, local agent, for full particulars and helpful publications describing the country through which this great highway extends, or address

WM. McMurray

General Passenger Agent, Portland.

ASTORIA & COLUMBIA RIVER RAILROAD

Only All Rail Route to

PORTLAND and All EASTERN POINTS

TWO DAILY TRAINS

Steamship Tickets via all Ocean Lines at Lowest Rates. Through tickets on sale. For rates, steamship and sleeping-car reservations, call on or address

G. B. JOHNSON, General Agent

12th St., near Commercial St. ASTORIA, OREGON

To the First 500 Children

Bringing this "Ad." and opening an account, we will deposit the first 50 cents, conditional that the child deposit 50 cents at time of opening account and one dollar per month for eleven months. The account will then be worth \$12.00 besides 5 per cent. interest and is subject to withdrawal according to State law.

Remember your account is secured by real estate. Children under fourteen eligible.

THE BANKING SAVINGS AND LOAN ASS'N. 168 10TH ST. Phone Black 2184

STEEL & EWART

Electrical Contractors

Phone Main 3881 426 Bond Street

SCOW BAY BRASS & IRON WORKS

ASTORIA, OREGON

IRON AND BRASS FOUNDERS LAND AND MARINE ENGINEERS

Up-to-Date Sawmill Machinery. Prompt attention given. All repairs made. 18th and Franklin Ave. Tel. Main 2461

PERFECT PRINTING PLATES

IN ONE OR MANY COLORS

LARGEST FACILITIES IN THE WEST FOR THE PRODUCTION OF HIGH GRADE WORK

RATED AS LOW AS EASTERN HOUSES

HICKS-CHATTEN ENGRAVING CO. 2d & Alder, PORTLAND, ORE.

The O. K. CHOP HOUSE

12th St., Below Commercial

Short Orders and Oysters at All Hours. The Best the Market Affords Good Service

Fresh Oysters always on hand from one pint up. TONNIE THEAUDEAUS.

URINARY DISCHARGES RELIEVED IN 24 HOURS

SANTAL MIDY

Each Capsule bears the name MIDY

Beware of counterfeits. ALL DRUGGISTS