

Agriculture and Horticulture.

The following news pertaining to agriculture and horticulture will prove of general interest:

AMERICAN DATES. Modesto News: The United States mails are sometimes used for rather curious purposes. A number of years ago several of our citizens, who were postoffice at Washington, D. C., and deposited a number of large tubs containing handsome palms. Having delivered themselves of their freight, the wagon drove off. The postoffice people went out to see what the performance meant, and found to their surprise that those palms were to be sent through the mails. The local superintendent at first said that the office would not send them. It was preposterous, he maintained, to mail such things. Each tub, full of moist earth and a good sized palm, was as much as two men could handle and on account of the foliage they could not be sent to any advantage. Nevertheless, there were the tubs on the tubs containing the "frank" of the Department of Agriculture and the proper addresses: Las Cruces, New Mexico; Phoenix and Yuma, Arizona; Pomona, Tulare, etc., California, and the names of the Washington postoffice officials to be sent to mail them. So this was done, although it necessitated special arrangements to care for and water the palms. Thus practically commenced date growing in the United States.

Of these trees, about forty are now living and thriving, fifteen of them having blossomed. Only seven of these, however, are pistillate or fruit bearing trees. Since this first attempt at American date culture, the Agricultural Department has followed up the question, and Secretary Wilson, during the past year, has had an expert in Algeria, Mr. Swingle, making a thorough study of this subject and sending home plants. The Secretary proposes to spend perhaps \$10,000 during the next two years, of the money allotted him by Congress for the introduction of useful foreign plants. The dates now being secured in Algeria and Morocco are of the very finest kinds and are shipped in tubs the same as was done in the original importation. Secretary Wilson states it as his belief that another American industry will result from this experiment, as he believes that dates will thrive as well in California as in Arabia.

The regions in which the date palm reaches perfection are characterized by deficiency of rain and a wide variation of temperature. The summer heat is intense, 115 degrees or more, though in winter the temperature may fall as low as 10 degrees above zero. Although the date palm requires intense heat in summer, it will withstand in winter a temperature that would be fatal to the fig or the orange. These climatic conditions are practically identical with those that obtain in the more southern portions of the Colorado desert. So great is the similarity, in fact, Mr. Wilson says, that so far as climate is concerned, we may reasonably expect the date palm to fruit satisfactorily in the arid regions of the southwest. The experiments carried on through the Department show that probably the soil best adapted to the date palm is one containing a small percentage of clay, fairly free from humus, and charged with alkali. Irrigation and heat are all important conditions. Water is indispensable. The roots should be moist at all times. An old Arabian proverb says that "the date must have its head in fire and its roots in the water." The water used may advantageously be quite warm and contain considerable alkali. Dates may, however, be planted along streams, or by springs or flood basins, and in such situations will grow well, adding much to the landscape by their graceful pinnate foliage.

The future of the date industry in the United States, however, depends upon irrigation, and upon irrigation which will not fail in the driest seasons. Irrigation in the Sahara has greatly increased the date areas in Africa and

the conditions are so similar in our own Southwest under artificial watering that the success of the industry there seems assured.

Varieties of dates are almost innumerable. They differ greatly in their color, size, sweetness, delicacy of flavor and length of time required to mature. The dates of commerce are usually light colored, these being better shippers. The male and female flowers of the palm are borne on different plants, the females only bearing fruit. The blossoming period is a long one, usually about six weeks, but it is always late, thus escaping spring frosts. The average yield of a tree is eight bunches, each weighing about 17 pounds, although a bunch may weigh as much as 40 pounds. In Arizona, under irrigation, seedling trees, seven years old, have produced upwards of 200 pounds in a single season.

SPECIAL FRUIT BRANDS. San Jose Mercury: The prune situation remains unchanged. Packers are busily engaged in filling orders that have come in since the opening of the season, but few new orders are being received, and they are chiefly from the European trade. This condition may last for two or three weeks longer. As compared with past years, the present season was premature by two weeks, and the September conditions in prunes are virtually such as usually prevail in October. That is, the bulk of the crop is ready for market, and instead of difficulty in filling rush orders the trouble is an overabundance of supply some weeks before the average opening of the season, while the demands of the Eastern trade remain normal. But the fact remains that the world's crop of prunes is short, and as there is likewise a deficiency in other fruit crops it would seem to be only a question of a short time when the demand for prunes will be urgent from all quarters. This at least is the judgment of persons well qualified to estimate the significance of the situation.

In this connection the subject of special fruit brands and their relations to trade is most important. Eastern buyers are not such sticklers for certain brands to which they are accustomed as are the European dealers, although in the East there are many wholesale and retail houses that stay by particular brands year after year. The European consumer is more conservative than the American, and less inclined to experiment with new things. Having found some one brand of fruit acceptable, and the price satisfactory, he seeks no other and expects his dealer to supply him right along with that brand. Hence, the handlers of fruit in Hamburg and other European centers of trade are desirous of establishing certain grades of fruit under certain brands, and the permanency and uniform standard of these brands form a most important factor in the European market for California fruits.

American apples were a staple article of export long before prunes, and dealers in Europe continue to demand those brands of apples with which they became familiar years ago.

MEXICAN ORANGES. A Riverside man, who has been working for six months on an orange grove in Mexico, gives the Riverside "Press" the following information regarding that place, which is in Guadalupe:

"There are 10,000 acres in the hacienda. With the exception of a 1,000-acre orange grove, all this area is in wheat and corn. They can almost raise crops of corn and wheat the same year on the same land. I put in 25,000 navel orange buds, and 58 per cent of them lived. In October 60,000 trees are going to be brought out. Two months ago 80,000 orange seeds were planted.

"The seedling oranges are very sweet and juicy, but lack the flavor of Southern California oranges.

"All the wheat raised on the hacienda, and some other, is made into flour at the hacienda mills. An American miller is in charge of it, and the output of the mill is 300 barrels a day. A siding from the railroad runs to the mill, which is on a little elevation. The cars are hauled up by oxen and come down by gravity."

MONDAY, OCTOBER 23d, Announcement. AT 9:30 A. M., SPECIAL SALE WINTER SUITINGS, 39 and 42 Inches Wide 25c Yard

LOT I—The bare announcement of these suitings at the price we name ought to sell them at once. They are mostly dark mixtures, with a few pieces of navy and red in plain colors. They are not old styles, but new fresh goods of this season's buying, but we want to keep up the manifest interest in our Dress Goods Department. Colors are:

- BROWN, RED, OLIVE, GARNET, MYRTLE, GREEN, NAVY, DRAB, PURPLE. MONDAY'S PRICE, 25c Yard

An Unusual Sale . . . SATIN AND TAFFETA VESTINGS.....\$1 YARD

LOT II—We shall offer two lots of corded vestings for trimming the fronts of dresses. The first will be corded taffeta silks in cerise, turquoise, black, fuchsia, lilac and lavender. Certainly the most desirable shades to be had.

- MONDAY'S PRICE, \$1 Yard

Also a few wide satin corded frontings, with thirty-five rows of cording, in turquoise, helio, pink and sky, reduced to MONDAY'S PRICE, \$1 Yard

Plaids are the Rage. If you need plaids for skirts or waists it will pay you to see our collection of

- WAIST PLAIDS, REVERSIBLE PLAIDS, GOLF PLAIDS, CHEVIOT GOLFS, FROULE PLAIDS, SKIRT PLAIDS and CAMEL'S HAIR EFFECTS.

It's impossible to describe the beauty of the color effects, and tastes vary so much in this respect that one must see them for an accurate idea. 60c, 85c and \$1.

Dining-Room Chairs, 95c. Hardwood dining chairs with cane seat, high embossed back and fancy turned spindles. Antique finish and telling value at 95c.

Corduroy Couches, \$7.50. Well made corduroy couch in several popular colors. Fringe around bottom. A comfortable couch and quite an ornamental one. Price, \$7.50; the same covered in figured tapestry, \$6.50.

Weinstock, Lubin & Co., 400 and 412 K Street, Sacramento

It was the intention to close the tea garden with last Saturday night. Owing to the rain which kept many away, and also to the great interest of the boys and girls of Sacramento in writing prize descriptions of it, we have decided to keep it open until Tuesday night, October 24th. The Japanese attendants have returned to their homes and tea and cakes will no longer be served. There is, however, quite a supply of pretty teacups and saucers, also candy in bowls, which will be at 10c each. The 25c packages of tea for 10c will be on sale as long as the stock on hand lasts. If you wish any of these things our advice is to call as promptly as possible. The tea house will be used Monday and Tuesday by Professor Mathews, the phrenologist, in his free examinations and talks.

Hundreds of Boys and Girls are Now at Work Writing "Prize Descriptions." 200 Prizes to be Awarded.

In order that the descriptions of the tea garden will be on paper of the same size and style, we are furnishing blank paper free, with neat printed heading. The many sheets of paper already given out show that interest in the contest is great. Any one 20 years of age or younger may write, and the 200 prizes will be distributed in groups so that the younger writers will stand as good chances of winning as the older ones.

These are the last days of the tea garden and those who wish to see it and have not done so must call either Monday or Tuesday.

The 200 prizes are to consist chiefly of interesting books on Japan. Some of these books are already here and will be shown in the tea garden house on Monday and Tuesday.

A NEW ATTRACTION! Prof. Mathews, an Expert Phrenologist, will be Here Daily, Beginning Monday.

Professor Mathews, the capable phrenologist, will give most interesting examinations and talks in our stores daily, beginning Monday. His services are free. He will feel the "bumps" on the heads of children and adults, and tell good points and bad ones. He will show in what pursuits the child is most liable to achieve success, and his advice on such points is likely to be of much value to the parents. Professor Mathews comes to Sacramento highly recommended, and we are sure that his talks and examinations will be found interesting and instructive.

Hours: 9 to 12 a. m., 2 to 5:30 p. m. For Monday and Tuesday of this week Professor Mathews may be seen in the tea garden.

MONDAY, OCTOBER 23d, SALE AT 9:30 A. M. UNDERSKIRT SALE, 48c, \$1.69, \$3.75.

Lot I. Winter Underskirts. We shall offer one lot of heavy Melton skirts, in dark gray, with ruffle prettily trimmed. Only a limited quantity at this price. To make the variety better we shall include one lot of black and white skirts at the same price.

MONDAY'S PRICE, 48c

Lot II. Black Moreen Skirts. These are the regular \$2.50 kind of all-wool black moreen underskirts. Their merit is too well known to need much explanation on our part. Deep flare flounce. A splendid Winter skirt—the material and shape that makes your outside skirt hang right.

MONDAY'S PRICE, \$1.69

Lot III. Mercerized Skirts. Almost as bright as silk, looks like silk, and wears better. Such underskirts are seldom seen at this price. These pretty moreen skirts have just been made to our special order in black, cerise, blue, violet, green and old rose. They have three ruffles on flounce, and make a very attractive garment.

MONDAY'S PRICE, \$3.75

Golf Capes. We were fully equipped at the opening of the season with a stock of golf capes for women and children that actually surprised ourselves. It was soon made plain that we had none too many, that our styles and colors were just what Sacramento people wanted, and we are daily told that we have the best variety to choose from in this locality. We have

- Flounced golf capes, English golf capes, Plain golfs with hoods, Fringe trimmed capes, Kerseys with golf trimming, and Exclusive golfs (only one of a kind). Prices \$5 to \$20.

Columbian Enameled Ware. This enameled kitchen ware is of the very best kind. It has three coats of enameled and will last much longer than ordinary kinds. It is also more pleasing in appearance. We are the agents in Sacramento for the "Columbian" ware and are quite sure that if you once inspect the line that you will not want any other make.

FOR WEAK MEN Dr. McLaughlin's Electric Belt. It is an appliance of modern invention, possessing the strongest current, the most simple construction and the most durable battery on earth. It is warranted to give a current which can always be felt by the wearer, or it will forfeit \$5,000. It is warranted to hold its power without repairs for one year or will be replaced with a new one. It is the only belt on earth which has a regulator that will regulate the current while on the body. No Burning or Blistering. It has soft, chamois covered electrodes, which prevent the burning and blistering incident to the use of other belts, and above all, it is applied to each individual case with a view to the particular symptoms treated, so as to give the patient the full benefit to be derived from electricity. This can be had from no other belt on earth. It Has a Cure in Every Case. ARE YOU SUFFERING? If so, come and see me. Let me explain it to you free. Let me show you how simple, yet powerful, my method is. Let me show you the evidence of the thousands cured and explain to you how simply it is done. FREE BOOK, CALL OR SEND FOR BOOK—FREE.

Dr. M. A. McLaughlin, 700 Market Street, corner Geary, San Francisco, and corner Second and Spring, Los Angeles. THE ELM LEAF RANGE, \$12.50. The very handsomest and best range on the market and at the old prices. Look at it, only \$12.50. We have the finest and most complete stock of heating stoves at from \$2.85 and upwards. We take old stoves in exchange for new ones. Call and see our new assortment of China Dinner Sets from \$3.95 per set and upwards. L. L. LEWIS & CO., 502 and 504 J St., Sacramento

LIST OF LETTERS

Remaining in the Postoffice at Sacramento October 23, 1899. LADIES' LIST. Adkins, Mrs May; Akford, Miss Hattie; Atkinson, Mrs N; Bray, Miss Pearl; Buchanan, Miss L; Carr, Miss Lizzie; Cook, Mrs F P; Cronkite, Mrs L; Denver, Miss C W; Deterling, Mrs C W; Dundas, Miss Alma; Ehl, Mrs Pamela; Fairchild, Mrs J; Farris, Miss Gertrude; Fields, Mrs L A; Garmier, Madame; Gibson, Mrs Mary; Glenn, Miss Lulu A; Gray, Mrs Susie; Greig, Miss Lillian; Haffey, Mrs Lena; Haskling, Hannah; Healy, Mrs Annie; Harding, Mrs M; Hoffman, Mrs; Kerr, Mrs Effie; Lambert, Miss Nina; Lovington, Mrs I; Marten, Leta; Miller, Mrs G; Moise, Mrs E W; Mouch, Mrs E; Newhart, Mrs C A; Norris, Mrs A S; O'Flaherty, Miss A; Perkins, Mrs S; Picketts, Miss M; Preston, Miss Lucy; West, Miss Olive; Rawlins, Miss A; Renni, Mrs Maud; Richmond, Mrs H; Root, Miss Effie; Sheehan, Miss E; Sinclair, Mary; Snyder, Miss Ida; Stewart, Mrs J A; Steiner, Mrs Anna; Tassie, Mrs Wm; Thomas, Mrs Wm; Timlan, Miss Myrtle; Topp, Mrs J; Tompkins, Mrs E C; Wals, Miss L E; Walton, Mrs Lottie; West, Mrs Minnie; Woods, Mrs Mary; Youngblood, Miss GENTLEMEN'S LIST. Adams, J M; Allen, J H; Adolph, Arnold; Ashurst, Robt; Bauman, H W; Barnes, Beverly; Berton, Professor; Berg, L; Charles; Brandon, E L; Brooks, Chas B; Hays, J C; Brown, J; Buell, Fred W; Clinton, William; Conger, Omar C; Cossell, S H; Cox, Albert; Crane, Chas; Crane, Chas; Dolan, W A; Franklin, Arthur H; Flint, H M; Frost, Edwin; Gaines, Eugene R; Gasper, Frank; Geohagan, T; Gettys, Jim; Goodsell, Arthur; Gordon, Chas; Grassman, O; Graham, L; Green, Ed; Griffith, Wm; Hampton, Claude; Hankka, E N; Harris, Tom R; Hedgiee, Louis; Holmes, W O; Houghton, C S; Hutter, Wm; Hussell, John; Jackson, J B-2; Jordan, Charles H; Key, Bob; King, William N; Lewis Bros & Co; FOREIGN. Rafaela Lion; JAPANESE. T Nakazima; CHINESE. Jim Young; MISCELLANEOUS. Electric Washing Co., Proprietor Golden West Hotel, Wilson's Photo Studio, Sacramento Woolen Mills; THIRD AND FOURTH CLASS. Mrs Fannie Cramer, Mary A Haich, Mrs Wilson, Chas R; King, William N; Young, F L; THOMAS FOX, Postmaster.

McGarrigle was a soldier because he dearly loved to fight. He had been through several Indian uprisings and the urban campaign before reaching the Philippines. He was a reckless fighter, and as cool under fire as a stone statue. At the Calocan fight he almost ran away from his regiment in his pursuit of the enemy, and when the command occupied a line of the enemy's intrenchments and halted for a rest, he put the nerves of his commanding officer on edge by his reckless disregard of the fire of the enemy across the gap.

He refused to lie down, and with his head and shoulders above the breastworks, loaded and fired like one shooting at the traps. The Filipino bullets were singing all around him, and added to this were the vexations of the deadly heat and the swarms of hornets which the army had stirred up in its passage across the bog.

In the midst of a sharp exchange of shots McGarrigle ceased firing, and sticking his rifle bayonet upward in the soft earth, looked down at the Sergeant on his left and said: "It's a devil of country to fight in."

"What's the matter?" asked the Sergeant. "The bastards of musketeers!" replied the Irishman. "They gue be imittin' the singin' av the bullets av the nagurs so real like that a mon can't tell 'em bechtwixt an' bechune. An' be hevins, I gue believe I'm a dodgin' the musketeers the moore nor I am the bullets av the haythens."—Philadelphia North American.

Very Annoying. "Did I hear you say, conductor, that the locomotive was at the rear end of the train?" "Yes, ma'am. We've got a locomotive at each end. It takes an extra one to push us up the mountain."

"Dear, dear, what shall I do? I'm always so sick if I ride with my back to the locomotive!"—Cleveland Plain-Dealer.

The Best Prescription for Malaria and Fever is a bottle of Green's Tasteless Chill Tonic. It is simply iron and quinine in a tasteless form. No cure—no pay. Price, 50 cents.

INGERSOLL AND THE BABY.

Horror Inspired in the Breast of a Strait-Laced Mother. "It is hard to realize nowadays," said a prominent New Orleans business man to a reporter of the "Times-Democrat," of that city, "what absolute horror the name of 'Bob' Ingersoll used to inspire among the strictly orthodox. In 1888 or 1889, I don't remember the exact date, I happened to meet Colonel Ingersoll in Chicago, and we traveled together to New York. Occupying a nearby seat in the sleeper was a young woman with a baby, and not far out of Chicago the baby began to cry. Ingersoll was always very fond of children, and the wails of the youngster made him uneasy.

"Finally, he jumped up and went back to where the mother sat. 'Let me take it awhile,' he said, and, possessing himself of the baby, he returned as pleased as a boy with a new toy. He dandled the fretful infant on his knee, laughed at it, whistled, waved his arms in the air and proved such an expert nurse that the little red face soon began to relax and wreath itself in smiles. Meantime the mother looked on with gratitude in her eyes, but presently somebody told her that the big man who had her child was 'Bob' Ingersoll, and I never saw such a change come over a human countenance. She was evidently a strait-laced church member, and regarded Ingersoll as synonymous with the Old Scratch himself.

"That girl ran away and married her father's coachman." "Oh, no; they have an automobile, and he was their electrician."—Chicago Record.

It Will Surprise You—Try It. IT IS the medicine above all others for catarrh and is worth its weight in gold. Ely's Cream Balm does all that is claimed for it—B. W. Sherry, Hartford, Conn. MY SON was afflicted with catarrh. He used Ely's Cream Balm and the disagreeable catarrh all left him. J. C. Olmstead, Alcola, Ill. A small size or the 50c size of Ely's Cream Balm will be mailed. Keep by druggists, Ely Brothers, 66 Warren street, New York.

NOTICE OF ELECTION OF TRUSTEES. NOTICE IS HEREBY GIVEN THAT in pursuance of an order of the Board of Supervisors of the county of Sacramento, State of California, made on the 21 day of September, 1899, an election will be held in Reclamation District No. 558, on the 20th day of November, 1899, for the purpose of electing three Trustees of said district. Said election will be held at the Runyon Point Ranch in said district in the county of Sacramento, and the polls will be opened at 10 o'clock a. m. and will close at 4 o'clock p. m. of said day of November, 1899. P. H. McGRATH, Secretary of Reclamation District No. 558.

Tells of Nervous Conditions

Women's nerves are very delicate, and are readily influenced by certain conditions. Nervousness is a real affliction; it is a grievous affliction. In women, nervousness is usually associated with those diseases peculiar to their sex. It may be due to stomach disorder, however, or it may be due to heredity. HUDYAN will strengthen weak nerves, it matters not the cause of the evil. HUDYAN cures uterine troubles, chronic inflammations and ulcerations. HUDYAN cures stomach disorder. HUDYAN goes to the bottom of the evil. It removes the cause of the nervous condition. Women who suffer with headache (fig. 1), sunken eyes and dark circles under eyes (fig. 2), pale, thin face (fig. 3), palpitation of heart (fig. 4), weakness of limbs (fig. 5), dizziness, loss of appetite, pain in back, should take HUDYAN. It cures. HUDYAN quiets the nerves, it strengthens them. HUDYAN produces clear and rosy complexions. HUDYAN gives to all weak and nervous women health, strength and activity. HUDYAN not only relieves, it cures permanently. HUDYAN is for sale by druggists—50c a package, or six packages for \$2.50. If your druggist does not keep HUDYAN, send direct to the HUDYAN REMEDY CO., corner K Street, Stockton, Ellis and Market streets, San Francisco, California. CONSULT THE HUDYAN DOCTORS ABOUT YOUR CASE, FREE OF CHARGE. CALL OR WRITE.

Mater Misericordiae Hospital. A REAL HOME FOR THE SICK; high, healthy location; best physicians, well trained nurses and tender care, turns out a large per cent of patients thoroughly cured. Men, women and children received for treatment. The hospital is essentially non-sectarian in character. For particulars apply to the Sisters of Mercy, or to the medical Superintendent, Dr. George W. Duffey, S.M.T.M. NEAGLE Medical Institute. DISEASES OF THE EYE, EAR, NOSE and THROAT. NEAGLE MEDICAL INSTITUTE OF PHYSICIANS AND SURGEONS, located permanently at 724 1/2 K St., Sacramento. SEND THE WEEKLY UNION TO YOUR friends in the East.