Stock.

The Farmer's Hog.

The different breeds of hogs have their fast friends, and no doubt they each have what their friends admire in them, but the average feeder who does not care to sell to raise for breeding purposes, should strive to get a hog that will make him the most money for the feed put into it. In the first place a hog should have a good coat of hair; not bristles, but hair. A black hog will not get scurvy on his back; the sun will not blister him. A hog should have a good constitution, with round sprung rib and good girth around the heart, short neck and head well put on, short face and nose, tail put on not way up on his back nor yet too low down, hams round and well filled, not too sluggish disposition nor yet too wild. By the purchase of the right kind of a male pig the feeder can raise just such pigs as he wants to feed, and have much more profitable and healthy animals than he can buy.

The brood sows can be run on clover pasture in summer at very little expense, and if provided with some good clover hay in winter it will reduce their feed bills. Not enough attention is paid to providing good pastures for pigs; they are generally kept in a barren lot with a generous sized mud-hole in it, in which the water is so foul that just the smell of it is sickening, let alone having to drink it. As for a change of pasture, it is never thought of, on account of the trouble of fencing it. The sensible way to provide for them is to have land devoted to their use so the pigs can have a good sweet pasture of clover all the time. Do not keep them on the same old poisoned ground for ten years, but when the grass gets run out plow it and take off a couple of crops; then reseed to clover, and then let their hogships take fresh comfort, health and fat from the new fresh ground and grass. This ground will then supply the living of the pigs, while in the other way of doing the pig lot is full of weeds, bare of grass, and the bare ground covered with mud and hog wallows.—Breeders' Journal.

Barn-Cellar and Swamp Muck.

A barn cellar has many valuable uses. Not the least is that the rats and other vermin have no harbors, as they have under ground floors. Then the manure is handled easier; it is all scraped out of the gutters through the trap-doors and goes down into the cellar upon a good bed of dry swamp muck, which absorbs and deordorizes it, and keeps the stable above sweet and clean. The manure is saved from washing by rains and its full value preserved. The best use is thus made of the manure, and its bulk and value is doubled if one will only provide plenty of swamp land muck, or forest leaves, if he has these and not the other, to receive the urine and mix with the solid matter. A very bad use of a manure cellar is to turn the swine into it under the excuse that they will work up the manure. To me nothing else is so horrible as to see pigs wallowing in such a place and picking food out of the dreadful mess. No wonder pork so made should have a bad repute.

Swamp-muck is of exceedingly great value. The fertilizer manufacturer has no monopoly of the use of figures, and, if we use them as he does, a farmer can just as easily and truthfully figure out a good bed of peat to be worth $5,000 an acre. A cubic yard of it air-dried, will will weigh 1,000 pounds. If of ordinary good quality, it will contain 1 per cent. of nitrogen, which the fertilizer man values at, let us say the very moderate estimate—for him—fifteen cents the pound. This makes the 1,000 pound of muck worth $1.50. In one acre of bog, three feet deep, there are 4,840 cubic yards. This figures up to $7,260 for the acre. What fault can the fertilizer man or chemist, who analyzes leather scraps, dried flesh and wool-waste for its nitrogen, and sells it for sixteen to twenty cents a pound, find with these figures. Now is the time to dig it; pile it on the bank; let it drain and dry, and in the winter put it everywhere that it may soak up every drop of valuable liquid about the stables and yards.

Shoeing Vicious Horses.

Handling a vicious horses, at any time and under any circumstances, is a thing requiring judgment and skill, but when work requiring such care as the adjustment of the shoe to the horses foot is to be performed, it is doubly important that he be kept quiet. The work is usually poorly enough done at best. The Horse Shoer and Hardware Journal of Chicago says:

We have noticed very many inquiries regarding the best method of enforcing silence and good behavior of vicious and unruly horses during the operation of shoeing. We believe that the most vicious horse can be shod without the use of a sling or stocks, without being cast or tied, by the simple use of the nose twitch, a small stick about two feet long, at one end of which must be attached a loop of stout string, and on the other end two pieces of the same kind of string. Place the loop over the nose of the animal, and by gentle, steady twisting, tighten it until the horse begins to bat at the eyes or blink, not too tight, but just moderately, then tie the other end of the twitch to the halter. This method is an old one in performance of various surgical operations, firing, etc.; it is simple, and if it will compel quiet behavior under the firing iron, we cannot see why it should not be equally useful in the case of horseshoeing, involving no pain whatever. We advise a trial, and will be glad to note the results.

Raise Good Horses.

Good horses of any description always have and will command good and remunerative prices for the risk and trouble attendent on their breeding and rearing, and if breeders would only bear in mind that "like produces like" and breed from none but sound and perfect animals, with a due regard to the description of horses to be produced, the world would be no longer be filled with diseased and mongrel nondescripts yclept horses devouring daily twice the value of their earnings. The very diseases and infirmities of mares are not infrequently the cause of their being selected to breed from.

A man is possessed of a mare incapable of earning an honest livelihood. Rest, or a summer's run is necessary, and that this may not be lost she is put to the nearest horse, in order that that she may have an opportunity of handing down to posterity her own worthlessness and perpetuating her owner's misfortune in the possession of such a breed. False economy—foolish and fatal delusion! The unfortunate breeder perseveres with his principle of "like producing like" from one generation to another, until, worn out in pocket or in patience, he gives it up as a bad affair and declares there is no profit attending the breeding of horses.

Rivers of the Southwest Coast of Oregon.

We have been requested to give an outline of the volume of water of the different streams in Southern Oregon, their dept and dimensions, amount of agricultural land, etc. We are not at present in possession of the date necessary, consequently, unable to give more than a faint outline regarding this matter. The Umpqua is the largest river in Southern Oregon. It extends a long distance from the sea, through the Coast Range until within five miles of Roseburg, where it branches into what is known as the North and South forks. The South fork overlaps the headwaters of Rogue river, the mouth of which is distant from the mouth of the Umpqua about 90 miles. There is considerable farming land on the Umpqua and in the valley contiguous. It has a bar at the mouth.

The next in size, where length is to be considered, is Rogue river. It is full of obstructions, being shoal but a short distance from the mouth, and possessing a bad bar. It passes through rugged mountains, and what are called meadows—the Big and Little meadows—are but the grassy slopes are of Alpine declivities. Where it passess through Jackson county, we find considerable open land, valuable for grain and stock-raising. Near its mouth there is some good farming land.

Next, we come to the Coquille. This river has a shoal bar, but at the present time efforts are being made by the government to improve it. After crossing the bar this river is the deepest among those mentioned, and vessels of the same draught of water can ascend higher up than on any other on this coast, without meeting obstructions. There is considerable farming land, extending the whole length of the river, on both sides, and on the North, South and Middle forks.

The next is Coos Bay—a misnomer, unless its advocates will show us wherein the difference lies between it and the Umpqua. The truth is that for ten miles from its mouth, the most vivid imagination cannot draw a single, distinctive feature. For that distance from the sea, the apparently wide area of water covers extensive mud flats which are dry at low tide, leaving a narrow tortuous chanel in both the Umpqua and Coos. The principal farming land is on Coos river and its tributaries—the North and South forks. It has a bar similar to that of the Umpuua, and while both are bad, they are the best that we have. The government is making great imporovements in the bar at Coos river, lumber and other exports and imports, and her growing commercial importance, it is but just.

The Siuslaw is the next and last that can be considered as one of the rivers on the Southwest coast. Cape Perpetua, the Western boundary of Lane county, covering a long extent of rocky coast, may be properly disignated as the dividing point. This river has a shoal bar, is narrow and deep for a short distance, but then expnads and divides into two branches. There is some farming land on its upper waters, but we are not prepared to say how much.

All these rivers pass through sections of country whose resources are as yet but slightly developed. Timber, coal, and other minerals abound in every portion of it. The rivers contain fish of the finest quality, and salmon in abundance during the season in which they come from the sea. The climate is salubrious, rather damp in winter, owing to the prevalance of rain, but then we cannot expect to have a monopoly of all the good things. We plant and are not troubled with drouth—that is a blessing which offsets the inconveniences due to a large rain-fall in winter.

In giving these details, we are aware of one thing and that is that with our limited knowledge as to the general statistics, we are unable to do full justice to the subject. We are also aware that some will object to our calling Coos bay a river. Shakespeare says: "Call a rose by any other name, 'twill smell as sweet." Custom has made that name familiar, but custom should not be allowed to prevail against that which is correct.

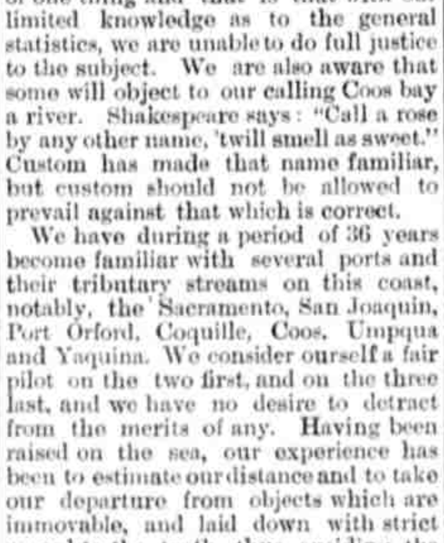
We have during a period of 36 years become familiar with several ports and their tributary streams on this coast, notably, the Sacramento, San Joaquin, Port Orford, Coquille, Coos, Umpqua and Yaquina. We consider ourself a fair pilot on the two first, and on the three last, and we have no desire to detract from the merits of any. Having been raised on the sea, our experience has been to estimate our distance and to take our departure from objects which are immovable, and laid down with strict regard to the truth, thus avoiding the danger of dashing on the rocks of uncertainty, doubt, predjudice and ignorance. The term departure, in the last sentance, has a nautical significance.

Take Care of Your Horse.

Hard driving, after hearty eating, is more injurious than hearty eating after hard driving. A farm horse, assigned to the unaccustomed task of making a long journey, should be allowed his own time for it. Start early, drive moderately, giving him an early and long nooning, with a good rubbing down before feeding. If the end of the journey cannot be reached early in the evening, stop for supper and, after another rest, he may be driven a few miles further. A case of extreme necessity only can justify driving a horse in the evening that has worked hard all day.

Send us a new subscriber and get your paper for $1.50.

ISIAH DILLON & SONS | LEVI DILLON & SON.



IMPORTERS AND BREEDERS OF
NORMAN HORSES!
(Formerly of firm of E. Dillon & Co.)
NEW IMPORTATION
Arrived in fine condition June 15, 1884. Have now a large collection of choice animals.
STABLES AND HEADQUARTERS LOCATED AT NORMAL.
Opposite the Illinois Central and Chicago and Alton Depots. Street cars run from the Lake Erie & Western and Indianapolis, Bloomington and Western Depots, in Bloomington, direct to our stables in Normal.
Address:
DILLON BROS., Normal, Ill
sept1m3

CASTORIA
for Infants and Children.

Castoria promotes Digestion and overcomes Flatulency, Constipation, Sour Stomach, Diarrhœa, and Feverishness. It insures health and **natural** sleep, without **morphine.**

"Castoria is so well adapted to Children that I recommend it as superior to any prescription known to me." H. A. ARCHER, M. D., 82 Portland Ave., Brooklyn, N. Y.

What gives our Children rosy cheeks, What cures their fevers, makes them sleep: **'Tis Castoria.**
When babies fret and cry by turns, What cures their colic, kills their worms, **But Castoria.**
What quickly cures Constipation, Sour Stomach, Colds, Indigestion, **But Castoria.**
Farewell then to Morphine Syrups, Castor Oil and Paregoric, and **Hail Castoria!**

CENTAUR LINIMENT—an absolute cure for Rheumatism, Sprains, Burns, Galls, &c. The most Powerful and Penetrating Pain-relieving and Healing Remedy known to man.

GET THE BEST
MASON & HAMLIN
"MATCHLESS"—FRANZ LISZT—"UNRIVALLED"
ORGANS AWARDED HIGHEST HONORS AT EVERY GREAT WORLD'S EXHIBITION FOR SEVENTEEN YEARS. ONLY AMERICAN ORGAN AWARDED SUCH AT ANY
100 STYLES! $22 to $900
FOR CASH EASY PAYMENTS, OR RENTED.

UPRIGHT PIANOS GREAT IMPROVEMENT PURIST, BEST MUSICAL TONES GREATEST ELEGANCE AND DURABILITY
CATALOGUES & PRICE LISTS FREE.
"MUSICIANS GENERALLY REGARD THEM AS UNEQUALLED"—THEODORE THOMAS.
ORGANS AND PIANOS.
THE MASON & HAMLIN Co. BOSTON. NEW YORK. CHICAGO.

FURNITURE, FURNITURE,
I. F. POWERS,
FURNITURE MANUFACTURER!
—Dealer in—
Carpets, Oil Cloths, Wall Paper & Upholstery,

Of all kinds. A large and select stock of
Parlor and Chamber Sets
Of Oregon and Eastern Manufacture; Office and school furniture of all varieties.
School Desks a Specialty.
Ware Rooms No. 188 and 190 First street, between Yamhill and Morrison street.
The **Second Hand Store** of I. F. Powers, lately on Second and Morrison streets is now permanently located at 191 Front street, between Taylor and Yamhill streets, connecting with his store on First street, where the Highest Price is paid for Household Furniture.
Special accommodations for parties wishing to store furniture or household goods.
Parties intending to furnish rooms, dwellings, or hotels, are invited to address for further particulars as to descriptions and prices.
I. F. POWERS,
188 and 190 First, and 191 Front Street, Portland, Or.
sep26tf

ESTABLISHED 1863.
THOS. MEHERIN,
Seedsman and Florist.
Alfalfa, Timothy, Red Top,
Orchard Grass, Ky. Blue Grass, Red Clover,
Australian Rye, Mesquite Grass, Evergreen Millet
English Rye Grass, Italian Rye, White Clover.
☞ Vegetable, Tree, and Flower Seeds. Fruit Trees and plants at reduced rates. CATALOGUES mail free.
THOS. MEHERIN,
516 Battery Street, San Francisco, California.
nov1m6

DAIRY GOODS. CHURNS

We make from the best material **Superior Articles of Dairy Goods**, that are models of strength and simplicity. Unquestioned proof given of their durability. Sole manufacturers of **Curtis' Improved Factory Churn, Mason's Power Butter Worker, Lever Worker, Curtis' Square Box Churn, Rectangular Churn, Cream Vats, Dog Power, etc. "One Family Churn at wholesale where we have no agent."** All goods warranted exactly as represented. **TWO GOLD AND FOURTEEN SILVER MEDALS** awarded for superiority.
CORNISH, CURTIS & GREENE, Fort Atkinson, Wis.

MARK LEVY,
Commission Merchant!
....DEALER IN....
FRUITS AND PRODUCE.
CONSIGNMENTS SOLICITED.
HAVING INTIMATE ACQUAINTANCE WITH the trade of Portland and San Francisco and other points, I am able to sell seasonable products to best advantage. **Immediate Returns Made.**
MARK LEVY,
122 Front Street, Portland, Oregon.
sept26m3

Administratrix Notice.

NOTICE IS HEREBY GIVEN: That the undersigned has been duly appointed by the Hon. County Court of Marion County, Oregon, administratrix of the estate of Bendict G. Durette, deceased, late of Marion county. All persons having claims against said estate are requested to present them to me with the proper vouchers and sworn to, at my residence in Fairfield, County and State aforesaid, within six months from the date of this notice, and all persons owing said estate are requested to make immediate payment. LOUISE G. DURETTE.
Administratrix of the estate of Benedict J. Durette, deceased. Dated this 12 day of Nov. 1884.
S. R. Hammer att'y for Administratrix.

TAKE DR. HENLEY'S
Dandelion Tonic!
....A CERTAIN CURE FOR....
Malaria Indigestion, Dyspepsia, Loss of Appetite, Nervousness, General Debility.
Through over-work, and all disorders of the Stomach and Liver. This is just the season of the year when the Tonic is of inestimable value. During the Spring and Summer months Malaria is prevalent and one feels languid and drowsy and depressed without knowing why. The system needs toning and invigorating. Nothing is so effectual as HENLY'S DANDELION TONIC. Ask your druggist for a bottle, and take nothing else. DANDELION TONIC CO., PORTLAND, OREGON.
1apr6m

What 26¢ Will Do!!
IN order to secure new customers, we will send 100 Choice Embossed Pictures, 4 German Dolls' Heads, 1 Elegant Birthday Card, 8 Imported Chromos, 25 Pretty Album and Reward Cards, 1 Album of 50 Colored Transfer Pictures, 100 Selections for Autograph Albums, 12 Odd Games, 6 new style Red Napkins, 1 Puzzle Cards, 1 Pocket Book. All the above goods for 26 cts. Address, F. S. AVERY, 116 South 4th Street, Williamsburg, N. Y.

USE ROSE PILLS

Oak Lawn Stock Farm
R W Carey, Salem, Ogn.
....Importer and Breeder of....

ABERDEEN, ANGUS and JERSEY CATTLE, Cotswold, Shropshire, and American or Improved Spanish Merino sheep of the best Vermont blood. Also Short Nosed, dished face, English Berkshires. Service fee of Aberdeens, $25; Jersey, $5. **The Male Increase for the Year for Sale.** jan1m6

The BUYERS' GUIDE is issued March and Sept., each year: 224 pages, 8½x11½ inches, with over **3,300** illustrations—a whole picture gallery. Gives wholesale prices *direct to consumers* on all goods for personal or family use. Tells how to order, and gives exact cost of everything you use, drink, eat, wear, or have fun with. These invaluable books contain information gleaned from the markets of the world. We will mail a copy **Free** to any address upon receipt of the postage—8 cents. Let us hear from you. Respectfully,
MONTGOMERY WARD & CO.
227 & 229 Wabash Avenue, Chicago, Ill.

FERRY'S Seed ANNUAL FOR 1885
INVALUABLE TO ALL! Will be mailed **FREE** to all applicants and to customers of last year without ordering it. It contains illustrations, prices, descriptions and directions for planting all Vegetable and Flower **SEEDS, BULBS,** etc.
D. M. FERRY & CO. DETROIT Mich.