

The department of agriculture at Washington has just issued a volume devoted to the reclamation of tide lands and their utility for agricultural purposes. It is estimated by the department that the area of the country for such purposes could be increased at least 10,000 miles—an area of territory as large as the state of Vermont—by taking not only the marshes on the ocean border but those far inland, fringing bays, sounds and rivers. It also contains reports from various parts of the country showing what has already been done in the way of reclaiming these waste lands, which were of value only for their crops of salt hay.

The principal reclamations are in New Jersey along the Maurice river; in Pennsylvania on the Delaware, where one farmer has a splendid farm of 1,000 acres safe from the highest tides; in North Carolina, South Carolina and Georgia, where valuable lands have been diked for rice; in Louisiana and Texas, where they have been reclaimed for rice and sugar cane culture and cattle ranging; in Clatsop county, where extensive dikes have been built, and Washington territory where nearly one-half of the area formerly occupied by the channels of Puget sound, amounting to 1,050 square miles, have been converted into arable lands. In California also, at the mouths of the Sacramento and San Joaquin rivers, where there are nearly 1,000,000 acres of fresh water marshes, 50,000 have been reclaimed, and are among the most fertile lands in the whole state, being devoted mostly to fruit raising.

In this connection the New Orleans Picayune calls attention to the reclamation carried on by the Louisiana land reclamation company, which has saved 15,000 acres in Terre Bonne and St. Mary's parishes. The soil of the sea marsh in that region is a black mass of decayed vegetable matter capable of growing any of the products of the state, while the subsoil is a stiff, blue clay well adapted to dike-building. Speaking of the company's operations the Picayune says: "The land was broken by steam plows plying between parallel canals and operated by the engines of two steam dredging machines floating in the canals at opposite sides of the fields. Rice, jute, vegetables, etc., have been successfully cultivated in this reclaimed land. The company claim a larger yield of rice than the South Carolina lands give under the most favorable circumstances. Jute grew six feet in five weeks on this new land. In St. Mary the company has also operated with much success, and land is reclaimed every year and put in cultivation. No engineering difficulty is accomplished and levees need be only two or three feet high. The greatest danger is from overflow from the Mississippi, it being very easy to protect the lands from tidal overflow. The new lands are too rich in soda, potassa and ammonia to produce canes of high saccharine strength for several years, but are excellent for corn crops, and in eight years under cultivation become good sugar lands. The cost of reclamation is \$3 per acre."

Operations on a still larger scale are being prosecuted in Calcasieu, Cameron, and Vermillion parishes, where a syndicate has purchased 1,000,000 acres of marsh lands upon which it is now engaged. The Picayune says: "The average cost of reclaiming these lands is found to be \$6 per acre, the marsh when reclaimed being much richer than the adjacent uplands, with a rich, deep soil, well suited to rice, or for pasture or meadow land."

BEN BUTLER is posing as the just man made perfect, and in a recent interview said: "The mistake I made in running for president was like running against a stone wall. I knew that the people in all ages had foiled themselves in every crisis of importance to themselves. It is the history of ages, but I was foolish enough to think that the people in all ages had grown wiser and better; that the world had progressed in the direction of human knowledge and understanding, and power of concentration. I thought the laborers of the new republic were more intelligent. They are not intelligent. They were afraid of me, because I had a little property. They were just as foolish as Gould. But that is not all; nine out of ten of them would sell their votes for \$2 apiece. I was foolish enough to think that this age was different from another."

THE record of the past nine months shows the total number of new roads in progress and proposed in the United States to be 626, with a total mileage of 44,393. This mileage of the proposed new roads, and those already in progress of construction, is distributed as follows: New England states 813, middle states 2,331, southern states 9,414, western states 27,672, Pacific states 4,137. The greater part of the proposed roads are to be short, local lines, intended for the legitimate needs of communities, and generally wanted to give connection with existing roads, to open up regions destitute of railway facilities.

THE Glasgow Herald says the wheat area of Great Britain shows a decline of over 7 per cent. since 1884 and of nearly 18 per cent. since 1882. Wheat is obviously going steadily out of cultivation, and the diminished acreage of the past twelve months alone represents an additional payment for foreign wheat of about \$75,000,000.

VIRGINIA negroes have sporadically voted the Republican ticket as a matter of gratitude and self-preservation. Hereafter they will vote the Democratic ticket as a matter of instinct and natural gravitation.

"I SEE," said an opposing counsel to the late Emory A. Storrs, "you have to meet the truth in this matter." "I never do meet it," was the prompt reply; "the truth and I always travel in the same direction."

NEW TO-DAY.

PRIVATE SCHOOL ALL THE MODERN BRANCHES, With English, French and German. Thorough Instruction by a Competent Teacher. For Terms and Particulars inquire of Rev. J. A. OLLINGER, Germania Hotel.

FOR YOUNG LADIES. A Work School of Ornamental Needle Work, Embroidery, etc., will be opened by Mrs. J. A. OLLINGER. To whom application may be made. It is desired that all applications for either school may be made by Saturday, the 6th inst.

Stockholders' Meeting. NOTICE IS HEREBY GIVEN THAT THE annual meeting of the Stockholders of the Occident Packing company will be held at the company's office on Monday, Oct. 20, 1885, at 10 A. M., to elect officers for the ensuing year and for the transaction of such other business as may come before the meeting. By order of the President, JOHN TUOMALA, Secy.

MILLINERY. Mrs. M. Woodfield, Having received a Large Assortment of FALL MILLINERY AND NOVELTIES, Has Commenced Business at Eaton & Carnahan's old stand, next to Fabre's Restaurant.

Notice. TAKE NOTICE ALL WHOM THIS MAY concern, that I the undersigned have and do claim the NW 1/4 of section 28, township 8 N, range 8 W, 160 acres. I request all parties not to trespass on the above mentioned land or its effects, as I have given sufficient proofs of my rights through the United States Land Office in Washington City, District of Columbia. JOHN ROGERS, d-w

Administratrix' Notice. NOTICE IS HEREBY GIVEN THAT THE undersigned was on the 12th day of September, 1885, duly appointed by the County Court of the state of Oregon, county of Clatsop, administratrix of the estate of Eric Melne deceased. All persons having claims against said estate are hereby notified to present the same properly verified to me at the office of the L. K. L. Packing company at Astoria, Oregon, within six months from this date. Mrs. NATHALIA MELNE, Astoria, Oregon, Sept. 17th, 1885.

Furniture and Upholstering, Mattresses Made and Repaired, Paper Hanging, Carpets Sewed and Laid. Furniture Sold on Commission. Snop. corner Main and Jefferson Streets. MARTIN OLSEN.

WILL Cut Faster AND EASIER Than any other axe made. Hundreds of woodmen testify to its superiority. It goes Deep and Sever Sticks. CARNAHAN & CO., Agents Astoria, Price, \$1.50.

Notice. NOTICE IS HEREBY GIVEN THAT A stockholders' meeting of the White Star Packing company will be held at the company's office in upper Astoria on the 1st Saturday in October, 1885, at 9 o'clock A. M. of said day, for the purpose of transacting such business as may legally come before the meeting. By order, OLUF W. PEDERSON, President. A. T. BRAKKE, Secretary, Astoria, Sept. 21st, 1885.

Annual Stock Holders' Meeting. THE ANNUAL MEETING OF THE Stock Holders of the O. F. L. & B. association will be held in Odd Fellows' Hall on Monday, October 20th, at 2 o'clock P. M., pursuant to adjournment this day. G. REED, Pres. Attest: A. J. MEGLER, Secy. Astoria, August 24th, 1885.

To Rent or Lease. A FINELY LOCATED RESIDENCE, five minutes walk from City Hall. Handsome grounds. Apply to ALEX. CAMPBELL, Genl. Saloon.

Notice. NOTICE IS HEREBY GIVEN THAT I will not be responsible for any debt contracted by any person unless it be on my personal order. MINNIE G. M. SPEXARTH, Astoria, August 23rd, 1885.

Tide Land for Sale. I AM NOW OFFERING MY TIDE LAND situated on Young's River Bay at the mouth of Lewis and Clarke River, at the rate of \$25 per acre. Purchasers can take one to twenty acres each, if they wish, and by joining dikes can dike the whole at a very small expense. This land is on the water's edge, thus making it very desirable for those who wish to combine a fishing station with farming. The land is only 2 1/2 miles from the center of Astoria and is an excellent place for hay or milk ranch, or vegetable gardens. AUG. C. KINNEY.

Powder. Duck Shooting, 25 lb kegs, \$14.00. Sea Shooting, 7.00. Rifle, Fig to 3 Fig, 7.00. Shot. 25 Pound Bags, \$2.00. Wads. 1,000, \$1.00. Pink Edge, No. 10, \$1.50. Black Edge, No. 10, .85. A. G. SPEXARTH, Astoria.

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Notice of Administratrix. NOTICE IS HEREBY GIVEN THAT THE undersigned was on the 22nd day of September 1885 appointed administratrix of the estate of O. D. Young, deceased. All persons having claims against said estate are hereby notified to present the same, verified as by law required, to me at my residence on John Day's River in Clatsop county, Oregon, within six months from this date. LUCY C. YOUNG, Administratrix, Astoria, Oregon, September 23, 1885.

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Empire Store to the Front

We beg to direct special attention to our LATEST IMPORTATIONS of NOVELTIES

Fine Dress Goods, Parasols, Hoopskirts, Etc., Etc. Lawns, Corsets, Etc., Etc.

Which we are selling according to our motto: "The Best Goods at the Lowest Possible Prices." PRAEL BROS.

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THE OREGON SHORT LINE. 11 TO 500 MILES THE SHORTEST; 12 TO 48 HOURS THE QUICKEST. CHICAGO, BOSTON, NEW YORK. And All Points East. Rates \$8.30 to \$10.25 the Cheapest to Council Bluffs, Omaha, Kansas City, AND OTHER POINTS.

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C. W. KNOWLES, L. D. BROWN, St. Charles Hotel, (European Plan.) BROWN & KNOWLES - Proprietors FIRST CLASS IN EVERY RESPECT. Good Restaurant Connected with the House. Fire-proof Brick Building, 150 Rooms. In the Center of the City. Cor. Front and Morrison Sts., Portland, Or

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