

UNCLE SAM'S EXPERTS ON FARMING IN COOS AND CURRY

SOIL SURVEY OF THE MARSHFIELD AREA ACCORDING TO THE OFFICIAL GOVERNMENT REPORT OF C. W. MANN AND JAS. E. FERGUSON.

(Continued from last Saturday)

PEAT.

Areas mapped as Peat include various small areas occurring in streams, lagoons, and in old beds. Several small areas are west of North Slough in the sand area, on the Coastal Plain of Prosper, at Crooks and Flor-lakes, and in a few other places. The only extensive body occurs along north side of the Coquille River, extending to the upper end of Beaver Slough and occupying an area of about 4 square miles.

A number of these smaller areas are mapped as Peat. The material is composed of partially decomposed vegetable matter, forming a dense fibrous mass of fine roots and plant remains of a brown color. A certain amount of mineral matter or river sediment is incorporated with the peat. The structure of the material is close and compact and usually the deeper portions are more fully decomposed, lack in color and resemble muck. The Peat is underlain by a heavy, silty clay similar to the soil of the Coquille silty clay loam and adjacent soil types. In the large area of the type near the mouth of Beaver Slough the depth is greatest along the outer edge of the area near the border of the river plain. The depth of the material decreases near the channel of the river where the bottom land usually rises to form a flat, slightly elevated ridge along the stream.

In the small areas west of North Slough the Peat is usually not homogeneous, but contains pockets of sand, and in many cases the surface is covered to a shallow depth with wind-blown sand. In this locality the soil is usually shallow and rests on a substratum of sand of a coarse medium texture.

There is little similarity in texture between the small bodies of the type and the larger area described above, many of these, because of irregularities of texture, are unimportant peat deposits. There occur on Beaver Slough and in other parts of the stream bottomland areas of Peat which were too small to be shown on the map used. Such areas are associated with obstructed and semiswampy conditions.

A body of Peat west of Coquille Slough is reclaimed and cleared. Characteristic plants which originated a dense mass over the bottomlands in this section are willow, tule, and rushes. Willows form a dense growth which is difficult to clear. Where larger vegetation has been removed the rapid growth of juniper, and swamp grasses upon areas are not properly drained is what troublesome. The drainage of the type in the Coquille section will be effected by a system of ditches and canals, which were partially constructed in the summer of 1910.

As with other parts of the bottomland along the Coquille River, an area of this type is subject to overflow during the winter months. When fully reclaimed and cleared the Peat should prove to be very productive for hay and grain crops. In other parts of the coast region soils of this character have been found to be very well adapted to the production of vegetables, including onions, celery, asparagus, beans, lettuce, and other tilled crops.

The culture of cranberries has attracted attention to the areas of Peat in the vicinity of North Slough. Several cranberry bogs are in bearing at present and other small tracts are being prepared and planted to this crop. Only a small portion of the type in this section, however, offers the most favorable conditions for the growing of this crop, because of the great variation in the texture and other conditions.

Near Coquille cleared Peat land in suitable condition for cultivation is valued at \$150 or more an acre.

TIDAL MARSH

Tidal marsh consists of an admixture of heavy silty clay loams and silts generally of close and more or less impervious structure and usually of bluish-gray to gray or dark drab color. The lower portion of the soil section is frequently mottled with iron stains, and considerable organic matter, consisting of more or less de-

composed vegetable remains, usually occurs through the soil section.

Tidal marsh is mainly confined to the area subject to tidal overflow from Coos Bay. It has been formed from the fine, silty, and clay sediments carried by the Coos River and other streams and deposited as mud flats or alluvial fans around their mouths. It is cut by meandering sloughs and stream channels, and is entirely bare of vegetation or supports a growth of tules, rushes, salt grasses, and other varieties of saline plants. It is more or less completely submerged at high tide, and is maintained in a nearly continuous state of saturation with brackish water.

Owing to its low-lying position, lack of drainage, and high content of salt, it is of no present agricultural importance. It is capable of reclamation only by the installation of costly systems of dikes, levees, drainage channels, and pumps to lift the water over the levees.

SUMMARY

The Marshfield area is situated in the southwestern part of Oregon and occupies a stretch of country lying between the lower foothills of the Coast range and the Pacific ocean. The total area is 627,200 acres, or 980 square miles.

The upland section of the area is characterized by an unusually rough and broken topography and the occurrence of many small valleys which form part of the drainage system of the Coos and Coquille Rivers. The northern third of the area is crossed by the Coos River and the wide depression formed by Coos Bay with the various sloughs and inlets tributary to the bay. The Coquille River crosses the central part and with its tributaries forms the largest drainage system of the area. The rougher and more elevated uplands occur in the eastern and southern regions. A well defined Coastal plain occurs as a narrow belt of low elevation extending along the coast from the southern end of the area nearly to Coos Bay. The topography of the plain varies from undulating to flat. It is crossed by the streams draining the western and southern parts of the area, the most important being the Sixes and Elk rivers. These streams and the Coos and Coquille rivers have formed comparatively broad plains, which, when cleared, are covered with a dense growth of willow, underbrush, tules, rushes and other semiaquatic plants. The upland portion is covered with original or second-growth forests of fir, spruce, cedar, hemlock, alder, maple and other trees.

Lumbering is the principal industry and a large proportion of the population is engaged in some phase of this industry. Agricultural development has been largely confined to the lowlands along the Coos and Coquille Rivers and other streams. Some extensive areas of the river plains are cleared and under cultivation. Dairying is the principal type of farming. The manufacture of butter, cheese, and condensed milk are important industries. Cooperative or independent creameries are located at Marshfield, Coquille, Myrtle Point and other places. Much of the milk produced is manufactured into butter in private creameries and a large quantity is handled by cheese factories.

A large portion of the cultivated area of the lowlands is devoted to forage and hay crops to feed dairy stock. General farm crops, including root crops, potatoes and other vegetables, corn and other grain crops are grown principally for home consumption.

There is an increasing interest in fruit-growing. Certain soils of the area are especially adapted to the culture of bush fruits and apples. At the present time the Gravenstein apple is the principal variety shipped to outside markets. The largest areas of soils adapted to apples occur in the lower parts of the hills and upon the natural terraces which occur mainly in the Coquille River and tributary valleys. The lowlands are frequently too poorly drained to be adapted to orchards.

The agricultural development of the area has been retarded by the lack of transportation facilities and connection by railroad with other parts of the State. A considerable area of the bottom lands remains to be reclaimed by drainage. When this is provided many of the soils will undoubtedly prove to be highly productive. Farm lands in the river sections rank in productiveness with those in the best farming sections of

What's the Matter With Our Mail?

Watkins Says Coos Bay Is the Victim of Red Tape and the Spoils System.

Editor Times:

The money your uncle Samuel provides to carry his mails over all star routes, is more than ample to convey them in air-tight and water-tight receptacles and get them through on time over any kind of a road. The trouble is, Samuel usually lets his mail contracts to higher ups; the higher ups let them to the next higher up and so on all along down the line five or six times, every fellow getting a rake off, until the poor devil is reached at the bottom of the ladder, the fellow who actually carries the mails and receives practically nothing therefor from Sammy, nor anybody else, except voluble condemnation. Your uncle grinds him, the public lambasts him fore and aft to its heart's content, he is the only fellow in sight, so everybody jumps him, absolutely oblivious of the real culprits who have received the greater portion of the appropriation and rendered no service therefor. The last contractor, in order to comply with his contract at all, must needs carry freight and passengers and take in washing and do a little plain sewing on the side. And so our common mail between here and Roseburg is chucked under the spring seats in the stage coach, the seats loaded with passengers and then thus dragged, teetered and churned through mud and rain a hundred miles over a corduroy road. Then is it any wonder that it is in such a condition when it reaches this point that our accommodating postmaster is obliged to ladle it out to his patrons with a spoon? The registered mail fares a little better. It is thrown in the "boot" of the coach and walked on, stamped on, walloped and spat on only by the driver and his companion in the front seat. The condition of the registered mail at the end of the journey depends entirely upon whether the driver and his mate were shod in loggers boots, gum shoes or moccasins.

These are a few of the things that are the matter with us and our mail. If more of the money appropriated for such purposes was applied where it ought to be we wouldn't have such a pain. Until some remedy is found and we have discarded our canned member of Congress and captured a real live one, we who live in the wild must expect to continue to receive our mail any old time and in the condition of chowder and hash.

GEO. WATKINS.

The State and are valued at \$150 to \$200 an acre. Uncleared land in the hill sections which is suitable for farming is held at \$5 to \$25 an acre, depending on the location with respect to the towns.

The climate of the region is mild and beautiful and is very favorable for the growing of the crops mentioned as well as to many not now produced.

(THE END)

DR. WINKLER uses NO DRUGS or knife.

NOTICE TO FISHERMEN. We want fresh salmon and are prepared to pay the highest cash price for them. For further particulars see C. G. HOCKETT, Empire City, or GEO. F. SMITH, Coos River.

T. J. SCAIFE & A. H. HODGINS

Marshfield Paint & Decorating Co. Estimates MARSHFIELD, Oregon. Furnished Phone 140L

MARSHFIELD'S POPULAR FAMILY HOTEL THE LLOYD

Rates reduced to: Day—50c, 75c and \$1.00; week—\$2.00 to \$5.00. House-keeping apartments with gas ranges \$10.00 to \$15.00 per month. FREE BATHS—E. W. SULLIVAN, Prop.

Better Baking With Crescent A Better Baking Powder

There is an increasing interest in fruit-growing. Certain soils of the area are especially adapted to the culture of bush fruits and apples. At the present time the Gravenstein apple is the principal variety shipped to outside markets. The largest areas of soils adapted to apples occur in the lower parts of the hills and upon the natural terraces which occur mainly in the Coquille River and tributary valleys. The lowlands are frequently too poorly drained to be adapted to orchards.

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CONDENSED STATEMENT

FIRST NATIONAL BANK OF COOS BAY

At the Close of Business, September 1, 1911.

Loans and Discounts	\$209,719.62
Bonds and warrants	88,852.46
U. S. Bonds to secure circulation	23,000.00
Real estate, furniture and fixtures	\$1,472.94
Cash and sight exchange	160,031.90
Total resources	\$565,076.92

Capital stock	\$100,000.00
Surplus and undivided profits	6,886.26
Circulation	25,000.00
Deposits	433,190.66
Total liabilities	\$565,076.92

OFFICERS AND DIRECTORS:
W. S. Chandler, president; M. C. Horton, vice-president; Dorsey Kreitzer, Cashier; John F. Hall, John S. Coke, S. C. Rogers, W. U. Douglas, F. S. Dow, Wm. Grimes, W. P. Murphy.

STATEMENT OF CONDITION

Flanagan & Bennett Bank

At the close of business September 1st, 1911.

Loans and Discounts	\$397,393.93
Banking House	50,000.00
Cash and Exchanges	141,546.53
Total	\$588,940.46

Capital Stock paid in	\$50,000.00
Surplus and Undivided Profits	54,165.72
Deposits	484,774.74
Total	\$588,940.46

"THE FRIEND OF COOS BAY"

S. S. ALLIANCE

EQUIPPED WITH WIRELESS

Sails for Coos Bay From Portland
Sunday, October 15 at 6 P. M.
CONNECTING WITH THE NORTH BANK ROAD AT PORTLAND
NORTH PACIFIC STEAMSHIP COMPANY.
PHONE 44 C. F. McGEORGE, Agent

FAST AND COMMODIOUS

Steamer Redondo

EQUIPPED WITH WIRELESS

Sails from San Francisco for Marshfield Sunday morning October 15.
INTER-OCEAN TRANSPORTATION COMPANY.
Phone 44 C. F. McGEORGE, Agent.

EQUIPPED WITH WIRELESS

Steamer Breakwater

ALWAYS ON TIME

SAILS FROM PORTLAND AT 8 P. M. ON OCTOBER 3, 10, 17, 24 AND 31. SAILS FROM MARSHFIELD AT SERVICE OF THE TIDE ON OCTOBER 7, 14, 21 AND 28.
L. H. KEATING, AGENT PHONE MAIN 85-L

Beaver Hill Coal

MOUNT DIABLO AND JOSSON CEMENT.
The best Domestic and imported brands.
Plaster, Lime, Brick and all kinds of builders material

HUGH McLAIN

GENERAL CONTRACTOR
OFFICE, SOUTH BROADWAY, PHONE 201

Abstracts, Real Estate, Fire and Marine Insurance

Title Guarantee and Abstract Co.
HENRY SENGSTACKEN, Mgr.
Coquille Office Phone 191 — Marshfield Office 14-J.
Farms — Timber — Coal and Plating Lands a specialty.
General Agents "EASTSIDE"

FAST SERVICE TO ROSEBURG

Our stages leave Marshfield for Roseburg at 7 o'clock every evening and afford quickest connections with Southern Pacific Railway. Fare \$6.00.

COOS BAY ROSEBURG STAGE LINE.
OTTO SCHETTER, Agent, 120 MARKET AV., Marshfield.
C. P. BARNARD, Agent, ROSEBURG, Ore.
PHONE 11

A Modern Brick Building, Electric Lights, Steam Heat. Elegantly Furnished Rooms with Hot and Cold Water.
HOTEL COOS
C. A. METLIN, Prop.
Rates: 50 cents a Day and Upwards.
Cor. Broadway and Market Marshfield, Oregon.

Few, if any, medicines have met with the uniform success that has attended the use of Chamberlain's Colic, Cholera and Diarrhoea Remedy. The remarkable cures of colic and Diarrhoea which it has effected in almost every neighborhood have given it a wide reputation. For sale by all dealers.

Hello! Hello!

Housewives of Marshfield use

Marshfield Creamery Butter

If your grocer does not keep it call up PHONE 73-J.

Free delivery 8 a.m. to 2 p.m. also—

STERILIZED CREAM & MILK
ICE, BUTTERMILK,
COTTAGE CHEESE

Have Us Launder Your Underwear

We wash these garments cleaner and better than the work can be done elsewhere, and they are not worn so much. We do not shrink them, even woolen garments are returned the same size as when sent us.

We iron the garments nicely, make ordinary repairs free of charge—and you have fresh clean, sweet underwear ready for each week's change.

Bundle yours up with next week's laundry bundle.
Marshfield Hand & Steam Laundry
PHONE 229-J

Business Directory

Following is a list of Reliable Business Firms that it will Pay to Patronize.

STADDEN

All kinds of photograph work, bromide enlarging and kodak finishing.

BEARY'S GUN SHOP

Complete line of Bicycle supplies, second-hand bicycles for sale. Guns, bicycles, etc., repaired.
Umbrellas covered and repaired.
E. BANDEL, Prop.
No. 607 No. Front St. Phone 180-R

\$100 Reward

For any sewing machine I can't place in first class order. Supplies for all machines furnished.
Leave orders, drop a postal card or phone Rogers hotel.

C. S. Leibendorfer

Expert Machinist.
Phone 144-L
Reference O. O. Lund, leather butcher

Blanchard's Livery

We have secured the livery business of L. H. Helsner and are prepared to render excellent service to the people of Coos Bay. Careful drivers, good rigs and everything that will mean satisfactory service to the public. Phone us for a driving horse, a rig or anything needed in the livery line. We also do trucking business of all kinds.
BLANCHARD BROTHERS
Livery, Feed and Sales Service.
141 First and Alder Streets
Phone 138-J

NOTICE OF REDEMPTION OF SPECIAL IMPROVED BONDS

Notice is hereby given that pursuant to the provisions of the Chapter V of Title XXVI, L. O. L., and in accordance with the terms and conditions of said bond, the City of Marshfield will take up and cancel the special improvement bonds of said City of Marshfield, Coos County, Oregon, issued on the 1st day of November, 1909, and numbered from 6 to 22 inclusive, of said issue respectively, being each for the sum of \$500 and bearing interest at 6 per cent per annum, and will on the next semi-annual coupon period of said bonds, to-wit: on the 1st day of November, 1911, pay to the proper owners and holders of said bonds, face value of each thereof with accrued interest to said date and the owners and holders of said above described bonds are hereby notified to present the same for payment and cancellation to the undersigned, the Treasurer of said City at his office in the Flanagan & Bennett Bank in said City of Marshfield, Coos County, Oregon, on said date for payment, cancellation and redemption, and are further notified that interest thereon will cease at said interest payment period, to-wit: on November 1st, 1911.
Dated this seventh day of October, 1911.
R. F. WILLIAMS,
Treasurer of the City of Marshfield.