

NEWS of the CHURCHES

(Ministers and others are requested to hand the Sunday church notices not later than Friday evening to insure insertion Saturday.)

NORTH BEND METHODIST CHURCH.

Rev. ALBERT S. HISEY, Pastor.
 Sunday school 10:00 a. m.
 Preaching 11:00 a. m.
 Epworth League, 7:30 p. m.
 Union services Sunday evening of North Bend United Brethren, Methodist and Presbyterian congregations in M. E. church. Mrs. Anna A. Robbins, state organizer for the W. C. T. U., will be the speaker.

CHRISTIAN SCIENCE.

Services will be held in the Christian Science hall, 327 Third street, north, Sunday at 11 a. m. Subject, "Man."
 Sunday school at 12 m.

NORTH BEND PRESBYTERIAN

Rev. McLEOD, Pastor.
 Sunday school, 10 a. m. sharp.
 Y. P. S. C. E. at 6:30 p. m.
 Preaching at 11 a. m.
 Sunday evening the congregation will join in the union service at the North Bend M. E. church.

UNITED BRETHREN CHURCH OF NORTH BEND.

Sunday School at 10 A. M.
 Christian Endeavor at 6:30 P. M.
 Preaching service at 11 A. M. and 8 o'clock.
 The evening meeting will be a union service of the Presbyterian, Methodist and United Brethren congregations of North Bend.

SEVENTH DAY ADVENTISTS

T. G. BUNCH, Minister.
 Seventh Day Adventist service each week 8 o'clock.

are conducted every Saturday at their new church as follows:
 Sabbath school at 10 a. m. preaching service 10:45 a. m. You are cordially invited to attend.

THE LUTHERAN CHURCH.

Cor. 3rd and Commercial Ave.
 Rev. B. F. Bengtson, pastor.
 294 Highland Avenue
 Phone 94-R
 Sunday school 9:45 a. m.
 Morning service 11 a. m.
 Evening service 8 p. m.

EPISCOPAL Emmanuel Church

Rev. Robt. E. Browning, Rector.
 9:30 a. m. Sunday School.
 11 a. m. Holy Communion and Sermon.
 Episcopal Church Service (Holy Communion) in North Bend at 3:30 tomorrow afternoon. Sunday School at 2:45.

MARSHFIELD CATHOLIC CHURCH.

Mass will be celebrated in Marshfield at 10:30 Sunday morning. The Rev. Father Springer celebrant.

METHODIST EPISCOPAL

Rev. H. I. Rutledge, Pastor.
 Sunday school, 10 a. m.
 Morning service, 11 a. m.
 Epworth League at 7 o'clock.
 Services at 8 p. m.

MARSHFIELD PRESBYTERIAN CHURCH

J. T. M. Knox, pastor.
 Sunday School 10 a. m.
 Preaching service 11:00.
 Christian Endeavor 7:00.
 Preaching service 8:00.

CHURCH OF CHRIST

Regular services every Lord's day.
 Sunday school, 10 o'clock A. M.
 Communion service 11 o'clock A. M.
 Y. P. S. C. E.—6:30 o'clock P. M.
 Prayer meeting Thursday evening
 Seventh Day Adventist service each week 8 o'clock.

FIRST BAPTIST CHURCH.

Rev. G. LeRoy Hall,
 Residence 592 Sixth street
 Phones:
 Residence, 256-J.
 Study, 289-L.

10 o'clock—Sunday school, Alva Doll, superintendent.
 11 o'clock—Morning service.
 Morning topic, "A Consecrated Cobbler."

Church nursery for children conducted at the corner of 3rd and Central between the hours of 11 and 12 Sunday morning.
 3 o'clock—Eastside service (Take 2:30 ferry).
 7:00 o'clock—B. Y. P. U.
 B. Y. P. U. service will be in charge of Alva Doll.
 Communion service Sunday morning. The annual offering for missions will be called for and pledges taken at this service. In the evening the pastor will speak on missions, taking as a theme: "A Consecrated Cobbler." You are invited.

NORWEGIAN LUTHERAN.

Services Sunday morning at 10:45.
 Sunday school at 10 o'clock.
 Junior League, 4:00 p. m.
 7:30 o'clock—Evening worship.

NORTH BEND CATHOLIC CHURCH.

Rev. Father Springer, Rector.
 Mass will be celebrated at 8 o'clock Sunday morning.

HAZEL DOLLAR TO FLOAT.

Hope to Save Big Lumber Carrier Which Struck Reef.
 The latest intelligence concerning the Hazel Dollar, the big lumber steamer which took on part of its cargo here last April and which met with accidents at Puget Sound and on a Japanese reef, is contained in the following San Francisco dispatch: "A cable message from Muroan, Japan, received here a few days ago, says that it was expected that the steamer Hazel Dollar, which was fast on the reef there, would be floated at the next high tide. It was planned to make temporary repairs at Muroan and to take the vessel to Shanghai for permanent repairs."
 Read the Times' Want Ads.

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)

Soiling crops are usually grown as summer feed for dairy stock. Field corn, red and white clover, peas, and vetch are the principal forage crops. During recent years silos have been adopted in some cases, and the raising of corn for ensilage has increased in the warmer sections of the interior of Coos County, which are best adapted to this crop. Silos have not yet come into general use on the larger farms. The large yield obtained of root crops, including carrots, beets, mangel-wurzels, and rutabagas, suggest their use during the winter months as a substitute for ensilage where provision for the latter has not been made.

In the production of grain local variations of climate affect the adaptation of the crops to certain parts of the area. Corn and the grains—wheat, barley and oats,—have not in general been successful crops along the coast in the western part of the area. In well-sheltered locations occasional crops are secured. The best success with these crops is had in the interior at Coquille and eastward, oats being especially productive in the soils of the river bottoms. Corn, when grown for the grain, is restricted to interior situations. It is frequently cut too green for ensilage. When grown for this purpose it should be allowed to become as fully matured as possible, thus reducing the proportion of water and increasing its value as a stock feed. This crop requires early planting on well-drained land to insure proper ripening in this locality.

Kale produces well upon many of the lowland soils. It has also given good results in parts of the uplands, when planted at the most favorable time and given proper cultivation, as a green feed for the winter months this crop could probably be more extensively grown with profit, as it is known to withstand temperatures below the freezing point, and produces its greatest growth during the winter season. Kale is usually transplanted from germinating beds to the field about July 1, and is cut down during January and February. Yields of 40 tons to the acre of green stalks and leaves are sometimes secured. Root crops and kale are both very productive under local conditions, and valuable succulent feeds for dairy stock during the winter months.

Hay occupies a relatively large proportion of the area under cultivation. Oats are largely grown as a hay crop. Red and white clover and a mixture of rye grass and orchard grass are used both as soiling and hay crops. A crop rotation which is well adapted to the local conditions consists of corn one year, potatoes one year, rye, grass and clover hay two years, after which the land may remain as pasture for two or more years before being plowed for the cultivated crop. The soils of the hills and uplands are frequently seeded with white clover and bluegrass after clearing and before the large stumps are removed. The original seeding often produces pastures which are maintained for 10 years or longer. Alsike clover is well adapted to the moist bottom lands not sufficiently well drained for tilled crops, though it has come into general favor as a green feed.

Good For Fruit
 In recent years an increasing interest in fruit growing has developed. Apples, pears, plums, and cherries are produced, but principally in small orchards for domestic purposes. Many small plots were set out to orchards 15 or 20 years ago, but these were generally poorly located or neglected. Little attention has been given to pruning or to cultivation and spraying with the result that many of these orchards are at present unproductive or produce inferior fruit. The farmers who are interested in fruit growing are gradually giving more attention to the care and management of their orchards and fruits of excellent quality are grown. The most promising varieties of apples are the Gravenstein, Baldwin, Spitzenberg, Rhode Island Greening, Tompkins King, and Wealthy. As more interest is shown in fruit growing new varieties especially adapted to the local climatic conditions may be introduced. The most favorable locations for fruit occur in the more level parts of the hill lands and upon the valley terraces along the Coquille River and its branches. The production of strawberries and bush fruits is limited to supplying the local markets. These fruits develop excellent quality and are very productive.

Labor Scarce
 Labor for farm work is frequently rather scarce. The higher wages paid at the lumber camps and mills draw the most efficient labor to other occupations than farming. Americans, Germans, and Swedes are employed as milkers and for general work on the farms. Butter makers receive from \$50 to \$60 a month and board. Farm hands receive an average wage of \$2.00 a day for 10 or 12 hours' work, and \$35 by the month, including board.
 The size of the farms in the more thickly settled districts along the Coos and Coquille Rivers ranges from 60 to 160 acres or more. The farm usually includes some bottom land, which is cleared and cultivated, the remaining area consisting of timber land which is usually used as pasture for stock. The hill lands are generally held in 160-acre homesteads, which are cleared, or in timber claims. Extensive tracts are held by lumber companies, or are included in railroad grants.
 The unimproved lands in the dairy farms along the Coos and Coquille Rivers and in the section near Langlois and Denmark, in the southwestern part of the area, is held at \$150 to \$200 an acre for bottom land. Areas which have been cut over or are covered with small second-growth forests can be bought for \$5 to \$25 an acre, depending on the topography and location of the land and the nearness to town. The cost of clearing the land of the second growth trees, stumps, and underbrush is estimated at \$20 to \$40 an acre.

SOILS
 The soils of the Marshfield area comprise three clearly defined groups, as determined by origin and the process of formation, namely, the residual soils of the hills and uplands, the reworked deposits occupying the Coastal Plain and the marine and river terraces, and the alluvial soils of the stream bottoms. In extent the soils of the uplands rank first. They are derived from the weathering of underlying rocks of sedimentary and to a less extent of igneous origin.
 The geologic formation characterizing the upland portion of the area, lying north of the Coquille River in Coos County, from which the soils in this portion of the area are largely derived, belongs to the Eocene period. This formation is composed of thick strata of shale and sandstone frequently alternately stratified near the coast, while in the eastern part of the area the massive sandstone pre-

dominates as is well seen along the greater part of the South Fork of the Coos River. The prevailing color of the shales is yellowish brown or occasionally white, while light-colored sandstones are most common. The shale is frequently deeply weathered and fissured, forming loose, disintegrated beds, and permitting the penetration of tree and plant roots to great depths and generally affecting the soil and subsoil of the overlying material as regards drainage. The Riverter clay loam is the principal soil type derived from this formation. In local areas it forms a shallow covering over shale or sandstone, but is usually of great depth, is free from gravel where typically developed, and possess a uniformity silty or loamy texture.

The soil derived from the Myrtle formation of the Cretaceous period are confined to the southern part of the area in Coos County and in the northwestern part of Curry County. The dark-grey sandstones and fine conglomerates and shales occurring in this section have imparted a darker color and slightly heavier texture to the soil material than is typical of the soils derived from the Eocene rocks of the uplands farther north. The presence of angular chips and rock fragments in the soil and subsoil and the more rugged topographic features of the region, the comparatively thinly forested slopes in certain areas, and the bare hills are distinguishing features of the Myrtle clay, the principal soil type derived from this formation.

(To Be Continued Next Saturday)

FORMER COOS BAY BOY WINS

R. C. Dundar, Son of Mrs. C. E. Jordan, of Eastside, Wins Honors at Alameda, Calif.

An Alameda, Calif., paper of recent date contains the following story which will be of interest to the many friends of R. C. Dundar, who is a son of Mrs. C. E. Jordan of Eastside and who was raised on Coos Bay and who is now a prominent fruit grower of California:

"Talking about lemons you should see the one that grew on R. C. Dundar's ranch at 532 Pacific avenue in this city. It is certainly some lemon, weighing 10 ounces and looking like an orange, all but the color. It seems that the lemon thought it was an orange and outgrew itself. But putting aside all levity the lemon is a peach and that is no nature fake. Dundar is proud of that lemon, it having been grown on a two-year old tree in the city of Alameda. It goes to show that the model city of the Pacific coast produces not only prize eggs, but tropical fruits. In fact the city will not even take off its hat to southern California in the matter of lemons. When Dundar is not cutting steaks and chops at the Bay City Market he is working in his garden and the lemon tree is one of his special prizes. And justly so, because it certainly is one big, large, juicy lemon."

NOTICE OF REDEMPTION OF SPECIAL IMPROVEMENT BONDS.

Notice is hereby given that pursuant to the provisions of 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 October, 1909, and numbered 2, 3, 4 and 5 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 October, 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 October 1st, 1911.
 Dated this 2nd day of September, 1911.
 R. F. WILLIAMS,

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