

Special Grazing Rules Are Adopted By Stock Raisers

(From Friday's Daily.)

During the past few days Supervisor Jacobson and Deputy Supervisor Vincent, of the Deschutes National Forest, accompanied by L. E. McDaniels, of the district grazing office at Portland, have met with the cooperative cattle and horse associations at Sisters, Fort Rock, Fremont and Bend.

As stated in Monday's issue of The Bulletin, the meeting at Sisters on February 9 was for the purpose of electing officers for the coming year. At that time it was also decided to have the newly elected advisory board and President B. L. Tone meet with Supervisor Jacobson in this city on March 9 to discuss the apportionment of the grazing privileges on the Sisters-Metolius range among the various applicants and later call a meeting of the association at Sisters on March 18 to definitely settle the question of purchase and distribution of salt for the coming season and the division of the range between the different breeds of cattle allotted to the range.

The meeting at Fort Rock was held on February 12 with President A. B. Myers in the chair. This association was organized late last season and has just begun to reach its stride in the matter of cooperative work with the forest service. The question of sinking wells on the forest in order

to provide the water necessary to utilize the large body of excellent range under the jurisdiction of the association was one of the principal topics under discussion, the purchase and distribution of salt and employment of riders coming in for their share.

The result of the discussion was the request made to the district forester to establish "special rules" for the association whereby the supervisor is authorized to withhold the permits of all who do not contribute their pro-rata share of the purchase and distribution of salt, the employ of riders and the construction and maintenance of all improvement work done for the benefit of the range users. It was also voted to assess all stock using the association range \$2.00 per head for the purpose of sinking a cooperative well in Section 20, Tp. 33, S. R. 14, E., provided the forest service would contribute the balance necessary to complete the well and begin work this spring. The forest officers could not give a definite answer regarding the attitude of the service but promised to submit the offer to the district forester.

Doubt was freely expressed as to the ability of the present water supply being able to handle the number of stock applying for admittance to the range, but by following the progressive range management plans agreed upon, it is believed that no great difficulty will be experienced in handling them.

The association went on record as favoring the formation of a central organization comprising all the associations in Central Oregon.

The advisory board will meet with Supervisor Jacobson at Fort Rock on March 12 for the purpose of discussing the applications and the assignment of grazing privileges for the season.

District Ranger Lawrence Frizzel, from the Fremont forest, was in attendance at the meeting.

The meeting of the Fremont association was held at Fremont on February 13, with President H. A. Chapman in the chair.

All the special rules adopted by the Fort Rock association, including the assessment of \$2.00 per head on all association cattle for the purpose of securing a well on their range, were adopted by the Fremont association. In addition, the association unanimously voted to cooperatively purchase and handle all registered range bulls required by the association. This action places the Fremont organization in the forefront of the local associations in regard to cooperative community work.

This association, like the others, was unanimously in favor of uniting the various local associations with one large central organization for the purpose of better handling of range problems, issuing a brand book and lessening the loss to members from straying and theft of stock.

The call for the purpose of effecting this organization will be made by Supervisor Jacobson in the near future and as this city is centrally located the meeting will probably be held here.

The meeting of the Bend association was held at the forest office in this city this afternoon.

RAISINS AND WINE

Important Products of the Famous Malaga District.

Vines Not Trained on Arbors, but Pruned to Form Bushes Covering About One Square

The two principal varieties of grapes grown in the Malaga district are the muscatel and the Pedro Ximen. Raisins and wine are both made here from the muscatel and wine from the Pedro Ximen, observes a correspondent.

The vines are not trained on arbors, but are pruned to form bushes that cover an area of about one square yard at harvest time. The vines are set out in rows ten feet apart. During the spring and summer they are carefully cultivated and sprayed with sulphate of copper to destroy insects. The grapes begin to ripen about the first of August. Laborers with large flat baskets or trays gather the fruit. It is not all cut out at one time, but the field is gone over periodically and only the ripe clusters are cut from the vine with scissors.

The raisins produced near Malaga are not treated with sulphur, lye, or oil, as is the practice in other parts of Spain. In or near the grape field there is thrown up an earth terrace inclined toward the setting sun. This is divided into sections about ten yards long and twelve yards wide, around which a low brick or stone wall is built, to protect the raisins and to support the canvas stretched over them at night or during inclement weather. The object of this slanting surface is to keep the sun constantly shining upon it. The bottoms of the drying beds are covered with fine gravel to retain the heat.

Immediately after being gathered, the grapes are spread out on the beds for exposure to the burning sun. At nightfall the raisins are covered with canvas to protect the fruit from the heavy dew, and, as stated, the canvas is also spread over them in the event of rain. There is rarely any rain in this section during May, June, July, August and September. During the process of drying the grapes that remain green or become spoiled are carefully removed, and the clusters are turned from time to time in order that they may color uniformly. The drying process takes about three weeks, so that the first raisins of the season are ready for packing about the end of August. Heaviest shipments go forward in September.

Before packing the raisins are sorted and graded. After small and imperfect raisins have been cut off the clusters are laid in boxes lined with white paper and containing usually 22 or 25 pounds of fruit. Good fruit which has become detached from clusters through shaking and raisins cut from small and irregular clusters are separated from the rejected fruit and are also packed for shipment. The boxes of raisins are then brought to Malaga by the growers for disposal to the shippers and dealers. The prices realized vary considerably according to the quality of the fruit and the quantity of the crop, also according to the condition of the industry in the other countries where raisins are produced and the general demand in the world markets.

Costa Rica's Coffee Exports.

Official statistics of Costa Rica's coffee exports for the past season show shipments totaling 27,044,550 pounds gross—10,089,630 pounds less than during 1915-16. Of Beneficiado or full milled coffee 24,749,135 pounds were exported, and 2,295,415 pounds of the Pergamino (parchment) grade, these quantities being respectively 91.51 per cent and 8.49 per cent of the total. The United States took 53.16 per cent of the shipments, the United Kingdom 40.14 per cent, and Panama the bulk of the remainder. Some coffee was sent to France, Italy, Spain and Chile. The province of San Jose supplied 46.84 per cent of the exports, Heredia 16.32 per cent, Cartago 13.22 per cent, and Alajuela 12.98 per cent. The estimated value of the coffee exported was \$1,128,480 colones. (At normal exchange the colón is worth \$0.4653; exchange now fluctuating.) The 1917-18 crop is placed at 30,000,000 pounds, but the season is not far enough advanced to make any definite estimate.

As Effective as Tanks.

Cyprus, the founder of the Persian empire, first put into practice the idea of equipping the wooden ammunition carts of ancient Romans and Egyptians with sharp scythe-like knives. These were fastened to the body and wheels of chariots, and were effective in charging among massed troops.

In the middle ages the modest knived chariot was transformed into a movable tower, covered with surface armor, affording protection to men inside. These were moved during a siege over the moats surrounding castles. From them a platform was let down on the top of the walls, which served as a bridge for the attacking troops.

Switzerland's Live Stock Prices.

The price of oxen bought at a recent sale ranged from \$440 to \$480 the pair; bulls were sold for \$100 to \$180 each; cows, \$240 to \$280 each; young cows, \$100 to \$200 each; goats, \$12 to \$16 each; small porks, \$12 to \$16 each; medium-sized porks, \$40 to \$60 the pair; fat porks, 32 cents per pound; sheep, \$12 to 16 each.

DELINQUENT TAX LIST.

(Continued from page 3.)

1 to 4 inc, blk 30	9.57
Redmond Townsite Co., lots 2, 3, 4, blk 31	6.93
L. C. Berman, lots 5 and 6, blk 31	4.95
Chas. A. Douglas, lots 1 and 2, blk 22	5.95
Redmond Townsite Co., lots 3 and 4, blk 32	5.28
C. L. Berman, lot 7, blk 32	2.64
E. Hasenmeyer, lot 8, blk 32	2.31
C. A. Douglas, lots 11, 12, blk 33	5.94
J. C. Cockerham, lots 1, 2, blk 34	8.24
W. G. and H. F. Meyer, lot 5, blk 34	3.30
J. E. Cullison, e 1/2 lots 13, 14, 15, 16, blk 34	23.10
Redmond Townsite Co., lots 21, 22, 23, 24, blk 34	6.60
Lilly B. McCoy, lot 12, blk 35	37.96
Earl L. Farria, lot 20, blk 35	4.95
E. A. Gates, w 1/2 of w 1/2 lots 9, 10, 11, 12, blk 36	17.60
Jas. S. Pennell, lot 15, blk 36	19.30
Elizabeth L. Goodwin, lot 23, blk 36	15.67
Carl Roe, e 7/8 ft. lots 1, 2, 3, 4, and all 5 and 6, blk 37	21.45
Redmond Townsite Co., lots 9, 10, 11, 12, blk 37	34.65
Nettie M. Abbott, et al, e 1/2 lots 13, 14, 15, 16, blk 37	5.44
Redmond Townsite Co., lots 21, 22, blk 37	7.92
W. G. Phoenix, et al, lots 1, 2, blk 38	8.26
F. M. White, lot 3, blk 38	3.31
N. B. Dunbar, lot 4, blk 38	3.31
Redmond Townsite Co., lots 2, 2, 2, blk 39	7.59
Redmond Townsite Co., lots 1, 2, 3, 4, blk 40	1.32
Redmond Townsite Co., lots 5, 6, 7, 8, blk 40	3.30
Redmond Townsite Co., lots 10, 11, blk 40	3.30
Redmond Townsite Co., lots 7, 8, 9, 10, 11, 12, blk 41	2.64
Redmond Townsite Co., lots 1, 2, blk 42	3.29
Jas. L. Courtright, lot 5, blk 42	1.65
Redmond Townsite Co., lots 7, 8, blk 42	3.30
G. W. Wells, e 1/2 lots 1, 2, 3, 4, blk 44	7.44
W. C. Fellows, et al, lots 13, 14, blk 44	8.91
Redmond Townsite Co., lots 18, 19, 20, 21, blk 44	15.84
Hanna W. Gibbs, e 1/2 lots 1, 2, 3, 4, blk 45	11.55
Redmond Townsite Co., lots 7, 8, blk 45	7.92
W. T. Davenport, lots 9, 10, blk 45	7.92
W. C. Fellows, et al, blk 11, 12, blk 45	8.91
G. W. Wells, et al, lots 13, 14, blk 45	29.70
Wm. H. Hobbs, lot 15, blk 45	19.80
Kenneth Campbell, lot 19, blk 45	23.10
Claud Knapp, 16, 17, blk 46	9.90
C. A. Cline, lots 18, 19, blk 46	24.75
Howard Contract Co., lots 4, 5, 6, blk 47	14.85
Redmond Townsite Co., lots 14 to 19 inc, blk 47	19.86
Redmond Townsite Co., lot 20, blk 47	3.30
Mary C. Buckley, lots 1, 2, blk 48	13.86
State Bank of Redmond, lot 3, blk 48	9.90
Florence E. Case, lots 5, 6, blk 49	7.26
Redmond Townsite Co., lot 3, blk 50	2.64

Redmond Townsite Co., lots 4, 5, 6, blk 50	8.59
Anna E. Ellis, lot 1, blk 51	4.95
Redmond Townsite Co., lots 3, 4, 5, 6, blk 51	11.23
Redmond Townsite Co., lots 1, 2, blk 52	5.95
Thos. Christensen, lots 5, 6, blk 52	5.95
Redmond Townsite Co., lots 7 to 12 inc, blk 52	17.18
Redmond Townsite Co., lot 4, blk 53	3.31
Edward Moher, lots 7, 8, blk 53	7.59
Redmond Townsite Co., lot 11, blk 54	3.30
Chas. J. Barhite, lot 1, blk 55	42.90
Calvin Hegman, lot 2, blk 55	13.20
Victor Malm, lot 4, blk 55	9.90
J. B. Ruley, lot 5, blk 55	6.60
Reeves Wilcoxon, lot 3, blk 56	3.96
Arva Wilcoxon, lot 4, blk 56	3.96
Floyd T. Williams, lots 5, 6, blk 56	8.91
Clevo Sandofer, et al, lots 7, 8, blk 56	11.55
Redmond Townsite Co., lots 5, 6, blk 57	7.27
Pearl Osborn, lot 7, blk 57	3.31
Redmond Townsite Co., lots 1, 2, 3, 4, blk 58	5.28
Redmond Townsite Co., lots 1 to 12 inc, blk 59	9.24
Fred A. Wagner, lots 4, 5, 6, blk 60	5.61
Redmond Townsite Co., lots 7 to 12 inc, blk 60	9.90
Redmond Townsite Co., lots 1 to 10 inc, blk 61	18.48
Susie Strand, lots 11, 12, blk 61	3.62
Redmond Townsite Co., lots 1 to 8 inc, blk 62	9.57
Redmond Townsite Co., lots 9 to 12 inc, blk 62	1.33
Redmond Townsite Co., lots 1 to 12 inc, blk 63	15.84
Redmond Townsite Co., lots 1, 2, 3, blk 64	3.96
Redmond Townsite Co., lots 2 to 10 inc, blk 65	27.11
Redmond Townsite Co., lot 1, 2, blk 66	5.94
Redmond Townsite Co., lot 4, blk 66	2.64
W. A. Belcher, lots 5, 6, blk 66	2.97
A. G. Allingham, lot 7, blk 66	3.30
W. C. Barber, lot 8, blk 66	2.64
T. J. Jurdan, lot 9, blk 66	2.64
Redmond Townsite Co., lot 12, blk 66	3.30
Redmond Townsite Co., lot 9, blk 68	2.31
Redmond Townsite Co., lots 3 to 12 inc, blk 69	18.48
Redmond Townsite Co., lots	

(Continued on Page 10.)

C. H. SHUMWAY AND MISS BYBERG MARRY

(From Monday's Daily.)

The marriage of a well known Bend couple took place in Vancouver last Thursday when Miss Inette Byberg became the bride of C. H. Shumway, now at the base hospital at the barracks. Mrs. Shumway is the daughter of Mr. and Mrs. N. P. Byberg of this city. She was home visiting her parents several months recently. Her husband was formerly employed by the Owl Drug company, enlisting in the hospital corps last December, since which time he has been at Vancouver. Mrs. Shumway will live in Portland.

Something to sell? Advertise in The Bulletin's classified column.

SERVICE FLAG HAS 29 STARS

HIGH SCHOOL GIRLS MAKE BANNER IN MEMORY OF BOYS NOW IN ARMY AND NAVY—TWO OF FACULTY ALSO HAVE PLACES.

(From Friday's Daily.)

In honor of the Bend high school boys who are now in the service of the United States, a large service flag is to be hung in the school as soon as it has been completed. The banner is in the process of construction in the domestic art class under the direction of Miss Zada Kinyon. It will have 26 blue stars for students and two for faculty members, Eric P. Bolt and L. C. Sanders, who have enlisted. One gold star will also be on the flag, in memory of Percy A. Stevens, who lost his life last week on the Tuscania.

The other stars will be for the following former students. If any have been left off the list, a request has been made that the school be notified. The names are:

Craig Coyner, John Brick, Howard Young, Lloyd Kelly, Robert Innes, John Steidl, Steve Steidl, Robert Fulton, Ray Deyarmond, Bruce Deyarmond, Lyle Richardson, Max Richardson, John Bates, Emil Henkle, Robert Horner, Thomas Fagg, Clarence Boyd, Clyde Roeger, Ralph Lucas, Chester Moore, William Linstner, Clyde McGilvary, Ivan McGilvary, Herman Moore, Fred Triplett, Ray Jackson.

J. C. RHODES BECOMES RED CROSS SECRETARY

(From Thursday's Daily.)

J. C. Rhodes has been appointed secretary of the Bend Chapter of the American Red Cross to succeed Mrs. J. C. Vandeventer. Mrs. Vandeventer, who has filled the position very efficiently, has had to resign in order to devote herself to her work in the schools which she undertook recently. The chapter office will hereafter be in the Bend Park Company office on Oregon avenue instead of in the county surveyor's office.

LITTLE GIRL DIES AFTER SHORT ILLNESS

(From Thursday's Daily.)

Bertha Louisa Dick, the two months old child of Mr. and Mrs. Carl Dick, was buried today at the Pilot Butte cemetery, funeral services being held from the home. The little girl died Tuesday of pneumonia contracted through a severe attack of whooping cough. Rev. H. C. Hartman conducted the funeral.

BUCKHECHT ARMY SHOE

The moment you put it on you say "Hello" to comfort and "Good-bye" to cramped toes, crowded feet and the other foot troubles that mar your comfort and your peace of mind. Here it is—take a good look at it:



\$6.50 to \$7.50

Sturdy and serviceable and substantial—isn't it? And every bit as good as it looks. Made on the famous Munson last—specified by the U. S. Army—worn by all our soldiers and thousands of men in civil life. Our registered trade mark—BUCKHECHT—is stamped on every pair for your protection.

Buckingham & Hecht Manufacturers San Francisco

You can get the Buckhecht Army Shoe in your town. If your dealer does not carry it, write us direct.

MAZOLA

This delicious cooking and salad oil from corn is wonderfully economical

Mazola is a pure oil, pressed from American corn, for deep frying, sautéing, shortening and salad dressings.

Mazola can be used over and over again—it does not transmit taste or odor from one food to another.

Since Mazola is a vegetable oil it enables you to follow the plans of the Food Administration for saving butter, lard and suet. More economical than the old cooking mediums, too.

Get Mazola from your grocer in pint, quart, half-gallon or gallon tins—the large sizes are the most economical. Also ask for the free Mazola Book of Recipes, or write us direct.

Your money refunded if Mazola does not give entire satisfaction.

Corn Products Refining Co. New York Selling Representatives Johnson, Lieber Company Portland, Oregon



Certain-teed Roofing

The most efficient roof

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Certain-teed is weather-proof, clean, sanitary and fire-retarding. It is not affected by fumes or gases, and does not rust or corrode. Neither does it melt under the hot sun. Because it is lighter than other types of roofs, it requires less to support it.

Certain-teed is economical. Its first cost is low. It is inexpensive to lay, and it costs practically nothing to maintain. Guaranteed 5, 10 or 15 years, according to thickness.

There are many roll roofings, but there is only one Certain-teed. Remember the name by its meaning—**Certainty** of quality and **Guaranteed** satisfaction.

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