DESCRIBED IS

Smithsonian Institution in Bulletin Just Issued Tells of Method of Manufacture That Will Be Employed With New Fur.

OREGONIAN NEWS BUREAU, Washington, Jan. 28.-Within a month Representative Sinnott, of Oregon, expects to be wearing a fine felt hat made largely from the fur of Oregon jack-

Through Representatives Edmonds of Pennsylvania, the consignment of Oregon jackrabbit pelts received by Mr. Sinnott have been turned over to a Philadelphia factory, which manufac-tures high-grade felt hats. With the pelts went Mr. Sinnott's head measure-

The manufacturer has written M: The manufacturer has written Mr. Sinnott acknowledging the furs, saying they will be thoroughly tested and promising him the first hat made from them. If the Oregon jackrabbit fur proves suitable for hat manufacture. Mr. Sinnott is prepared to put the manufacturer in touch with various of his constituents who will find a market for a product they have heretofore regarded as worthless.

Bulletin Describes Manufacture,

Bulletia Describes Manufacture,
By coincidence, while Mr. Sinnott is
having experiments made with Oregon
jackrabbit fur, the Smithsonian Institution has published a bulletin describing the process by which felt hats are
made. The story is especially timely
in Oregon, and is as follows:
"In the manufacture of one of the
most popular brands of American hats
the fur of North American beaver.
South American nutria, Saxony hare
and English and Scotch coney are used.
When the pelts of these animals are
received at the factory they are first
washed with whale oil soap, after which
the long, coarse hairs are removed,
since they would tend to make the felt
too rough.

"The skins are then treated with nitrate of mercury, a process called 'carroting,' which gives the fur its 'felting properties,' making it knit to-gether when hot water and pressure are applied.

Skins and Fur Separated.

"The skins are then brushed by a machine which removes all the dust and other foreign substances.
"Having been brushed the skin next goes tto a cutting machine, where revolving shears strip away the fur, cutting it so close that it appears to have been shaved off. From this machine andless the fur is carried away on an endless belt or apron, on which it lies com-plete, just as it was in the pelt and it is hard to realize that the skin below has actually been removed.

"This is to facilitate the work of the

weighed out, according to the weight of the hat to be made, and blown upon a copper cone perforated with many thousand tiny holes, so that it looks

Material Sticks to Cone.

"The cone is about three feet in height and as wide at the base. An exhaust fan operafes inside and below the cone so that the air and for are drawn from the outside. The air passes through the openings, but the fine particles of fur stick and cover the whole surface.

"The cone holding the film of fur is enclosed in a snugly fitting lacket and lowered into a vat of boiling water. This develops the felting properties of the fur, the particles of which mat and lock togsther, embling the thin delicate film of wet fur to be lifted from the cone.

"The resulting cone of fur is a very delicate embryo hat, except as to size; in the cone of the bat for Material Sticks to Cone.

delicate embryo hat, except as to size; in that respect it might be the hat for a giant. A bundle of about 12 of these large forms is rolled in a wet condition until the fibres knit together slightly, giving the hats hardness and attenuth.

Hot Water Treatment Used.

Hot Water Treatment Used.

"Then they are put into a sizzling kettle, where they are shrunk in hot water, beaten, and manipulated until they are between 10 and 14 inches in diameter. Each hat is then stretched, pulled and blocked with the aid of hot water until it takes the form of a regular hat with crown and brim.

"If the hat is to be a soft one, it has only to be placed on a block and finished with fine sand paper, which gives it a velvety appearance. The outside band and binding and the sweatband are then added, after which the brim is curled.

"Stiff hats, or derbys, are saturated

Y. W. C. A. EVENTS PLANNED

Corvallis Organization Preparing to Take Part in Semi-Centennial.

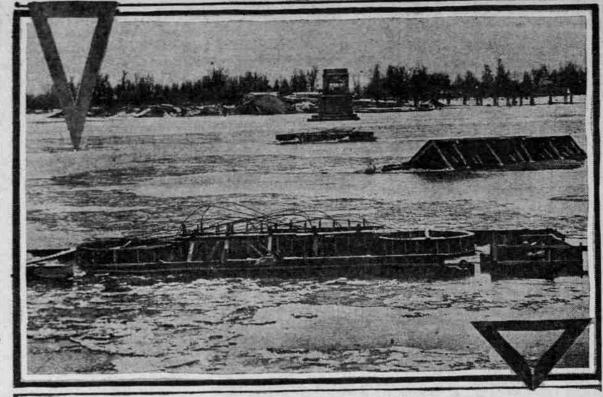
OREGON AGRICULTURAL COLLEGE Corvallis, Jan. 29.— (Special.)—The Young Women's Christian Association at the Oregon Agricultural College is preparing extensive programmes for events to commemorate the 50th anniversary of the organization of the Y. W. C. A.

Y. W. C. A.

The celebration will be held next
month in connection with a world-wide
commemoration of the anniversary.

Plans for a pageant in which 179
women will be participants are being

WRECK OF VANCOUVER BRIDGE CRIB CAUSED BY RIVER ICE.



DEMO LISHED CRIBS SHOWN IN FOREGROUND.

Builders Unable to Protect Parts Exposed.

PIER CRIBBING DISPLACED

Effort to Drive Protecting Pile Fails and if Cofferdams Are Moved by Breaking Ice Jams Work Must Be Done Over.

VANCOUVER, Wash., Jan. 29.—(Special.)—Ice in the Columbia River, formed during the last few days, may postpone the final completion of the

bridge, but to what extent cannot be estimated.

The Pacific Bridge Company probably will pay several thousand dollars on account of the storm in time lost, dam-

"This is of facilitate the work of the sorters, who select from the belt as fit passes them, just the parts desified for various grades of hats. The sorting for various grades of hats. The sorting saccording to color and quality, each sorter selecting a different part, such as the side, belly or back, suitable for a particular grade of hat.

Sensoning Process is Given.

"Although it is now cleaned, carroted and sorted, the fur is by no means ready for use; it has to be seasoned just like lumber, and is stored until feady for use. Some manufacturers have \$1,000,000 or \$2,000,000 or \$2

yarious portions of different kinds of fur have been selected, the actual mixing is done by a machine which blows them about in various compartments until the blending is perfectly but the weather has been too cold for the many to work on top of the spans. the until the blending is perfectly but the weather has been too cold for the men to work on top of the spans of the men to work on top of the spans that are now being assembled. It is the men to be made, and blown upon the men to work on top of the spans that are now being assembled. It is thought, however, that four spans will be completed ready to be floated out the latter part of February.

### PROFESSIONAL LINE DRAWN

J. G. Anderson Withdraws From Trade to Save Amateur Standing.

LUMBER MANAGER QUITS Simpson Company Loses A. K. Ark-

ley, Who Leaves for New Post. NORTH BEND, Or., Jan. 29.-

gives it a velvety appearance. The eutside band and binding and the sweatband are then added, after which the brim is curied.

Stiff hats, or derbys, are saturated with a solution of shellac, before they are blocked. They are then put into an oven until they become pliable, when they are blocked with a tremendous pressure on a mould which shapes and turis them at one operation. Following which they are lined and trimmed.

NORTH BEND, Or., Jan. 29.—(Special.)—The resignation of A. K. Arkley, for nine months manager of the Simpson Lumber Company, was accepted today, to take effect at once, C. S. Winsor, of North Bend, being installed in his place as temporary manager.

Mr. Arkley said he had been contemplating a change to Washington for some time, and that, coupled with the probable saie of the company's the Washington management. Mr. Arkley are lined and trimmed.

LODGES INSTALL OFFICERS Oddfellows and Rebekahs Hold Joint Ceremonial.

RIDGEFIELD, Wash., Jan. 29.—(Special.)—The Oddfellows and Rebekah lodges held a joint installation of of-

The celebration will be held next that the commendation of the anniversary.

Plans for a pageant in which 170 women will be participants are being completed.

Miss Alberta Cavendar, of Portland, is chairman of a committee of 25 to represent the construction of a committee of 25 to represent the construction of the construction of the construction of the anniversary.

Miss Alberta Cavendar, of Portland, is chairman of a committee of 25 to represent the construction of the constructi

porter; John W. Blackburn, right supporter, noble grand; Theodore Perry, left supporter, noble grand; Ernest H. Olsen, right supporter, vice-grand; George W. Hoyt, left supporter, vice-grand; John E. Rose, inner guard; N. C. Hall, outer guard.

The officers of the Rebekahs are: Noble grand, Mrs. Bert C. Hoyt; vice-grand, Mrs. H. J. Potter; secretary, Mrs. Stephen McAndrew; treasurer, Miss Annie Coburn; inner guard, Mrs. John W. Bennett; outer guard, Mrs. Charles E. Brice; right supporter, noble grand, Mrs. Leslie Packard; right supporter, vice-grand, Miss Ellen Anderson; left supporter, vice-grand, Mrs. Benjamin G. Brown; chaplain, Mrs. Virginia Fales. A banquet was served after the installation.

# CREDITS TALKS PLANNED

EUGENE PROFESSORS TO GIVE LEC-TURES IN PORTLAND.

of 10 Is Scheduled to Take Place at Library on Wednesdays Beginning This Week.

latter part of February.

And the residents of Vancouver are some prospective courses, to be sent to saying. "Next year we won't care whether the ferry runs or not."

of its courses for next semester and some prospective courses, to be sent to high schools throughout the state.

### WRECK ESCAPE NARRATED

Girl Recalls How First Slide Turne Car Over and Next Buried Her.

DENVER, Jan. 29.—The first intimation of the attinde of the United States Golf Association on the question of amateur golfers taking employment with sporting goods houses is reflected in correspondence made public tonight by Frank L. Woodward, president of the association.

John G. Anderson, runner-up in the National amateur golf tournament, has withdrawn from the golf department of a New York firm, according to a letter to Mr. Woodward from Anderson's employer.

This adjustment is a new York firm, according to a letter to Mr. Woodward from Anderson's employer. tion of amateur golfers taking employment with sporting goods houses is reflected in correspondence made public tonight by Frank L. Woodward, president of the association.

John G. Anderson, runner-up in the National amateur golf tournament, has withdrawn from the golf department of a New York firm, according to a letter to Mr. Woodward from Anderson's employer.

This adjustment is most satisfactory, as it will keep Anderson in the amateur ranks."

The studies, who had a thirding experience in the train wreck its firm wreck last Saturday morning at Corea. Miss churches of Kelso have united in a Murdock suffered seven lacerations, an actory being cut in her arm. She will be unable to go on with her studies on account of the nervous shock.

In her description of her miraculous concerted church-going by members and non-members. The best of feeling the car, overturning and crushing it in At this stage of the disaster Miss Murthis place, and the campaign is exist among the various denominations fell into a hollow place and rolled following the first one completely buried her, but not so deep but what

following the first one completely buried her, but not so deep but what she worked her way out.

District Debating Supremacy to Be Settled Friday at Nyssa.

ONTARIO, Or., Jan. 29 .- (Special.)-The debating team of Ontario High won from Vale Friday night in an elimination contest for the championship of the southeastern district of the Oregon Debating League. The question was: "Resolved, That the United States should adopt the Swiss system of mili-

or some time, and that, coupled with he probable sale of the company's folding, decided him upon accepting he Washington management. Mr. Arkey did not say what new position he ad accepted.

J. H. Clyde, mill superintendent at orier, also resigned to leave with Mr. Arkeley.

School Launch Is Proposed.

MARSHFIELD, Or., Jan. 29.—(Spe-nial.)—Coos County probably has more consolidated school districts than any

Big Week for Farmers Opens at La Grande Tomorrow.

RANGE OF SUBJECTS WIDE

Good Roads Addresses and Demon strations Friday Expected to Attract Largest Gathering, as Subject Is Pertinent.

LA GRANDE, Or., Jan. 29 .- (Special.) -Farmers, homemakers, women's clubs and mothers with problems of genics and home management to be solved will be in La Grande Monday for the opening of the farmers' and homemakers' week which is to be con-

The Pacific Bridge Company probably will pay several thousand dollars on account of the storm in time lost, damage and extra work. It was intended to bring the big pile driver from the Oregon side to the middle of the river today and drive piling above the partially completed piers and out in booms to shear off the big fields of floating ice, but the ice was thicker and is growing worse, so the piling could not be driven.

The crib for Pler No. 2 has been partially overturned in the river and pushed down stream by the action of the lice. The hole for this crib, which weighs 100 tons, has been dug, and if piling can be driven in the river and a line attached.

UNIVERSITY OF OREGON, Eugene, borned which is to be conducted by Oregon Agricultural College and Government agents and experts. The first day will be devoted primarily to registration, but throughout the week several events of special interest are announced. Commerce, and Don C. Sowers, professor of Municipalities. They are to be given the lice. The hole for this crib, which weighs 100 tons, has been dug, and if the Portland Public Library on alternate Wednesday ovenings beginning for the tarmers' and homemakers' week which is to be conducted by Oregon Agricultural College and Government agents and experts. The first day will be devoted primarily to registration, but throughout the Week several events of special interest are announced.

University of Oregon School of Commerce, and Don C. Sowers, professor of Municipalities. They are to be given in the Portland Public Library on alternate Wednesday ovenings beginning next week.

Six to ten lectures will be included by Oregon Agricultural College and Government agents and experts. The first day will be devoted primarily to registration, but throughout the Good roads addresses and demonstration of the stream of the extension of Credit to the extension of Credit to the Portland Association of Credit to the Portland Association of Credit to the Events of the Events of the Portland Association of Credit to the c

in Wallowa County visitors. Every day campaign, judging from the address and night there will be lectures and demonstrations on topics of interest to now conducting his campaign for the farmers, their wives and housekeepers.

The La Grande Commercial Club has He spoke at Blackfoot during the week fire that Burns Barn.

MORTON, Wash., Jan. 29.—(Special.)

—Fred Pierce and James Kalles, of Bremer, lost their barn full of hay by fire this week. The men were filling made arrangements to provide enter-tainment in the way of rooms for all who might come, being in shape to handle hundreds in addition to what the regular accommodations at hotels provide for.

Social and fraternal gatherings and other events that might detract from the attendance have been eliminated in order to insure the success of the

### "GO-TO-CHURCH" MOVE ON

Kelso Denominations Unite to Get Big Congregations in February.

ontario Debating Supremacy to Be

### WILL R. KING VISITS HOME Reclamation Service Counsel Comes

Back on Private Business.

ONTARIO, Or., Jan. 29.—(Special.)—
Will R. King, chief counsel of the
Reclamation Service, is visiting friends
in Ontario, his former home.

He arrived on an early morning train
today, and went up to Vale to attend
to private business matters. He returned this evening and has an appointment with a committee of the Ontario
Commercial Club.

He will be here two or three days.

Marshfield Scots Celebrate

MARSHFIELD, Or., Jan. 29.—(Special.)—Coos County probably has more consolidated school districts than any county of its size in Oregon, and this convenience has been the result of Superintendent Raymond E. Baker's activity. The latest proposal by the County Superintendent is to join three districts lying along Isthmus linet for a distance of eight or nine miles with a high school building of four rooms at Flagstaff. To accommodate such a district it would be necessary to operate a launch along the injet moraling and night to transport the scholars to and from school. The meeting of patrons of the three districts for discussion of the plan will be held at Flagstaff on Menday.

MARSHFIELD, Or., Jan. 29.—(Special.)—The Caledonian Club, of Coos Bay, celebrated Robert Burns' birthday tonight with the usual programme of the injet moraling man celebrated for character impersonations. Bobby Ballantyne, a local man celebrated for character impersonations in the Harry Lauder style, responded to a number of encores. The meeting was presided over by Dan MacDonald formerly of Butte, Mont, and the affair was under his management, assisted by Allen Todd. The event was the third annual Robert Burns of the club, and was the most appreciated of all. Dancing followed the more serious and the amusing portions of the evening's round of pleasure.

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IDAHO DEMOCRATS DON'T KNOW WHERE GOVERNOR STANDS.

Davis Attacks Newspapers Candidney of Guy Martin, Progressive, Not Opposed.

BOISE, Idaho, Jan. 29 .- (Special.)-Governor Alexander may not be a candidate to succeed himself, and may retire to private life after one term, actording to reports circulating here this week. Governor Alexander, however, is non-committal, and Democratic leaders are evidently puzzled. Leadership in the party now means success. It is said here among well-posted Democrats that Governor Alexander is the supporter. On the ballot after Mr. Governor Alexander may not be a can-

as Hepublican Gubernatorial nomination. He spoke at Blackfoot dwing the week and there took the newspapers to account. "No proprietor of an honest terances," he declared. "Yet I have the best of reasons for believing that few thank God the number is small of the newspapers of this state have accepted money from candidates in return for editorial support which their readers supposed reflected honest editorial opinion."

Regarding the proposed candidates Guy Martin, Proposed candidates

with the Republicans in 1916, they mus be given fair consideration."

ROSEBURG MAN CANDIDATE Land Office Receiver Seeks to Be

Democratic Delegate ROSEBURG, Or., Jan. 29.—(Special.)

—R. R. Turner, receiver of the local
United States Land Office, today announced that he would be a candidate for delegate to the Democratic National Convention to be held at St. Louis,

crats that Governor Alexander is the party leader, if anybody is, and that he will not have to turn over his hand if he wants to be renominated. They include re-elected also.

The newspapers, apparently, are to come in for some attention during the address.

Mr. Turner is an enthusiastic Wilson supporter. On the ballot after Mr. Turner's name will appear the following words: "Endorsing Woodrow Wilson's policies, I pledge myself to his nomination."

Pipe Starts Fire That Burns Barn.

Regarding the proposed candidacy of Guy Martin, Progressive party standard-bearer three years ago for Governor on the Republican ticket, the Leader-Herald, one of the strongest conservative Republican papers in Canyon County, says: "There is no reason whatever why Mr. Martin should not become a candidate. If the Progressives, who cast something like 28,090 votes in Idaho in 1912, are to affiliate Governor on Y. M. C. A. Board.

GOREGON AGRICULTURAL COLLEGE, Corvallis, Jan. 29.—(Special.)—Governor or Withycombe, J. O. Blachledge and Rev. C. A. Rexroad, of Corvallis, were elected this week to serve three years on the advisory board of the Young year. Withycombe has always been one of the most active workers for the well-year.



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609 EILERS BUILDING. Phone Main 2465.

# Continuation of the Consolidation Sale At Our Store, 129 10th Street



Owing to the unfavorable weather we have decided to continue our sale for two weeks longer.

We are obliged to unload a goodly portion of our stock in order to relieve the congested condition in our salesrooms.

Hanan's and Boyden's fine Men's Shoes, for-merly \$8.00, \$9.00 and \$10.00, now ...... \$6.95

Hanan's and Laird-Schober's Ladies' fine \$5.95 Royal Kid Button Shoes, formerly \$7.00, now 300 Pairs of Ladies' Gun Metal and Patent Vamp Button

and Lace Shoes, with gray and fawn cloth \$2.95 Ladies' Evening Slippers, formerly \$5.00, \$3.95

Misses' and Children's and Boys' and Youths' Shoes at great reductions.

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