

TODAY'S FASHIONS



Paris—Four bracelets on the left forearm is the correct wear today. These bracelets may be all gold or platinum or silver, but they must differ in design.

London—The latest hat shown today bears a striking resemblance to an African thatched hut. It comes well down over the face in an exaggerated mushroom.

New York—It is interesting to note with what fidelity modern designers copy the gown of the ancient Egyptian period.

New York—The head bag of today has a dangerous rival. It is the im-

ported little bag of velvet in some brilliant shade such as turquoise or jade or American beauty. The bright velvet, though lovely in itself, is only a background for a fanciful design in steel beads.

TEACHERS' EXAMINATION

Notice is hereby given that the county superintendent of Klamath county, Oregon will hold the regular examination of applicants for state certificates in the county court room commencing Wednesday Dec. 20, 1922 at 9 o'clock A. M. and continuing until Sat. 23, 1922.

Wednesday Forenoon U. S. History—Penmanship. Wednesday Afternoon Physiology—Reading—Composition—Methods in Reading, Methods in Arithmetic. Thursday Forenoon Arithmetic—Psychology—Methods in Geography. Thursday Afternoon Grammar—Geography—American Literature—Thesis for Primary certificate—Methods in Language. Friday Forenoon Theory and Practice—Orthography—Physical Geography. Friday Afternoon School Law—Algebra—Civil Government.

The boys all like flashlights. Currier's For Drugs.

SHASTA VALLEY REPORT SHOWS PROBABLE LOSS

(Continued from Page 1)

manufacturing, especially the lumbering industry.

Third: The effect upon commerce and business, including the general development of this section as a commercial center.

Fourth: Involving all of the other three is a fourth consideration which is the development of power, upon which all three alike must depend for any great degree of expansion.

Agriculture

Taking up the first of the three, it will be seen from the following table that there are 50,350 acres of land under the present maximum level of Upper Klamath lake which has been or may be readily reclaimed. It is apparent that with a much higher maximum level of the water made necessary by the storage of water for Shasta Valley, this land and all that has been expended thereon must be lost. Your committee has estimated the value of the reclaimed land to be \$80 per acre; of the partly reclaimed land, \$40 per acre; and of the unreclaimed land \$20 per acre. These are only the present values of the land and do not in anyway represent the values of these tracts when fully developed as resources of the state and county. The total value, at present, of these lands is easily in excess of the total shown, which is \$2,702,000.

Dikes Total Loss

It is apparent that the dikes, canals, and drainage channels constructed upon these lands for their reclamation and irrigation and drainage would also be totally lost. The extent and value of these is shown in Table "B" which follows. The table also shows the height to which the dikes around these lands have been built. The total value amount to \$464,600, which must be added to the value given above for the land to get the present value of the property. This gives a total present loss of \$3,166,600. It must not be understood that this is a value upon which the proposers of the Shasta project may figure in their estimates as the procuring of all of these lands and values by a foreign community would doubtless be involved in delay and expense, increased by a hostile local sentiment, and the cost of this item might easily reach double the amount estimated by us as the present loss to this community.

Damage Only Begun

When the present dikes have been overflowed and the land included in Tables "A" and "B" covered by water and lost, the damage only has well begun, for the water level of the lake, to furnish any additional water storage, must be raised much higher than the tops of any of the present dikes. The present storage to the maximum of 4143.3 is already fully utilized and is not even adequate for the present needs of the local community, to say nothing of the possible additional development of irrigation in the Klamath Basin.

To the above we wish to add the following general remarks:

We do not believe that after careful consideration of the costs and difficulties of the Shasta project, the farmers who are to pay the bill will enter into the undertaking. We do not believe that any competent engineer could advise it. But we know that people are sometimes led by enthusiasm, aroused often by speculative persons with mercenary motives, to invest so heavily in an enterprise that they cannot withdraw, and it is to combat such efforts that we are asking you to give to the public statements showing the difficulties and expenses that will be met and must be dealt with should the promoters of the project continue their work.

When a neighboring community proposes to take from us the greater part of our natural resources, which will benefit them less than the injury caused to us, we feel that they need no assurance from us that such attempts will be resisted to the full extent of our ability and we believe that such resistance will make their project so expensive as to prevent its completion. With our community awake to its peril, there will be no danger, but the situation will demand the interest and attention of every citizen of this community.

We do not believe that the gain in agriculture production in Shasta valley will equal the loss in this

NON-INFLAMMABLE GAS DISCOVERED

WASHINGTON, D. C., Dec. 13.—The recurrence of disasters to hydrogen-inflated air ships has turned public attention to the possible development of helium—a non-inflammable gas first discovered during the world war and regarded by many experts as air navigation as the one solution of the lighter-than-air craft problem.

Government and other experts believe that the use of helium would have prevented the terrible disasters of late years, such as that of the Roma and the C-2. While only one ship, an army blimp, thus far has been filled with helium, quantity production of this rare gas now is foreseen.

Satisfactory operation, on a laboratory scale, of a simplified and much cheaper method of recovering helium from natural gas is reported through the American chemical society by H. Foster Bain, director of the United States bureau of mines. In tests made within the last month at the cryogenic laboratory in the interior department building, helium was recovered in one operation in sufficient purity to use in balloons and dirigibles.

"This development," says Director Bain, "indicates that very soon the cost of the commercial production of helium for lighter-than-air craft will be greatly reduced."

Chemists of the bureau say the cost of producing helium has been too great to permit of widespread use. However, with the new methods found, they look forward with confidence to its general use in the near future.

Helium has 92 percent the lifting capacity of hydrogen, can be easily stored, does not rapidly deteriorate, does not readily leak from a gas bag and has all the advantages of hydrogen without the great danger drawback. In fact, helium makes a more satisfactory filler, navy dirigible pilots have told the bureau chemists, because a helium-filled bag is steadier in the air.

The government now has stored approximately 2,000,000 public feet of helium, and is producing at the rate of 15,000 cubic feet daily at its commercial production plant at Fort Worth, Texas, the only helium plant in the world. As soon as this plant has started running at full capacity, it is expected the government will be able to produce helium at the low cost of ten cents a cubic foot.

The Fort Worth plant was run last year for only a few months and that only on experimental bases. The plant was started running continuously, however, on October first.

Helium generally occurs only in certain natural gases, much of which in this country, were used for illuminating and power generating, refining out and discarding helium among other "impurities." Such gases occur also in Italy and Canada, but no helium is being recovered in those countries. Representative Julius Kahn, of California, has introduced a bill in congress to support a definite program for helium recovery, action upon which is expected from the next session of that body.

"Meanwhile," says Dr. Moore of the bureau of mines, "every effort is being made to encourage the production of helium by commercial companies, and every assistance will be given by the government in such development."

Under the present system of helium extraction, followed in Fort Worth, a 64 percent return of helium is obtained from the natural gas. This 64 per cent must be put through a purifying process before it can be used. By the new method, only one process of extraction is necessary, after which the gas is supplied directly to the aircraft.

The Fort Worth plant employs 200 men under the direction of Commander Olson. Funds are available for the operation of the plant until Jan. 1, at least and then it is expected that enough will be forthcoming for the commercial production tests.

county when the possibilities of both sections are considered, and we can find no compensating benefits to anyone, anywhere, for our losses in industry and business, and for these reasons we respectfully urge that the Klamath county chamber of commerce present in the most forcible manner to all of the interested parties, these facts and such others as may be obtained, and that it every way the proposed Shasta Valley project.

An electric waffle iron would tickle your wife as a Xmas gift. Currier's For Drugs. 13

The Non-Breakable Viceroy watch only 98c. Very desirable gift for boys. H. J. Winters' Jewelry Sale. 13

Pocket knives in gift boxes. Pearl and Stag handles. Guaranteed. Currier's For Drugs. 13

TOLL BRIDGE IS SOURCE OF GREAT REVENUE TO OWNERS

BALTIMORE, Dec. 13.—Twelve years ago the Pennsylvania railroad gave away an old bridge over the Susquehanna river at Havre de Grace to private interests; the building of a new bridge had made it, apparently, valueless. Automobiles ever since have been crossing the structure in increasing numbers, and the men who got the bridge for nothing in 1910 recently sold it to the state of Maryland for \$385,000. And in the 12 years it was in their

possession, they pocketed \$370,000 in dividends, all in tolls charges collected from motor cars.

When the new bridge made the old one of doubtful use, the railroad company offered it first to the state and then to the county, but without success. If no one accepted it, the company was confronted with the necessity of removing it, which would have been very expensive. So finally the company changed it from a railroad bridge to a highway bridge, and considered itself lucky in finding a group of Maryland men who consented to accept the structure, which originally had cost \$2,000,000 as a gift.

The recipients put up \$700 to organize a company. Last year the

net returns from the bridge were \$65,000. The state will continue to collect tolls until 1933, by which date it estimates the proceeds will retire the bonds against the purchase price of \$385,000.

Pleasure for the family at Xmas time and all the time. That's what a Brunswick Phonograph will do. Currier's For Drugs. Never before and never again, will you get this opportunity to purchase dependable jewelry at such low prices. 25 to 50 per cent just when the Christmas buying must be done. H. J. Winters' Jewelry Sale.

We have plenty of records for Xmas and plenty of time to demonstrate them for you. Currier's For Drugs.

Advertisement for The California Oregon Power Company. Features a large bow tie illustration and several smaller images of electrical appliances like a toaster, a lamp, and a fan. Text: 'Joy for the housewife who receives one or more of these useful gifts! They are a comfort and convenience for everyone in the home. They save time, labor and money—and perform their appointed tasks in a wonderfully short time. Make this an Electrical Christmas. Local dealers offer many things electrical which are ideal for gifts. THE CALIFORNIA OREGON POWER COMPANY'

ANNUAL LYCEUM BAZAAR at LYCEUM HALL. December 14, 15, and 16. Starting at 4 p. m. Thursday, closing Saturday night. Choice selection of Christmas goods from which to choose gifts for men, women and children. Entertainment each evening at 8 o'clock, light lunch and probably informal dance. Proceeds go to Sacred Heart Academy Building Fund. The patronage of the public is invited. YOUR MONEY'S WORTH GUARANTEED.

SANTFORD & CO. 426 Main Phone 34 Klamath Falls, Ore. Advertisement for Polar Bear Flour featuring an illustration of a polar bear in a sack. Text: 'POLAR BEAR THE NEW ERA MILLING CO. ARKANSAS CITY, KANS. 48 LBS. POLAR BEAR FLOUR'. Includes a list of grocery items and prices: 1 lb. Tin Dixie Quon Tobacco .80, 1 lb. Tin Union Leader Tobacco .85, 1 lb. Tin Velvet Tobacco 1.10, 12 oz. Our Advertiser Tobacco .40, Large Can Fancy Pink Salmon .20, 2 Cans Fancy Boneless Sardines .35, Fancy Lobster, Can .50, Fancy Crab, Can .50, 1/2 pt. Imported Olive Oil .35, Pint Imported Olive Oil .55, Quart Imported Olive Oil 1.00, Fancy Italian Prunes, lb. .15, Large Can Ordinary Peaches .20, Large Can Ordinary Apples .38, 35 Bars Luns White Soap 1.00, 35 Bars Lenox Soap 1.00, 25 Bars Hams, lb. .20, Large Can Fancy Ripa Olives .25, Large Can Libby's Plum Pudding .30, Matches, box .05, 2 pkgs. Jiffy-Jell .15, Casenda Hams, lb. .31, 3 1/2 lb. Box Soda Crackers .50, Local Notted Gem Potatoes, cwt. 1.25, Fancy Local Fresh Eggs, doz. .60, Fancy Arizona Grapefruit .08, Fancy Red Potatoes, cwt. 1.25, Fancy French Prunes, lb. .15, Fancy Marshmallows, lb. .40, Durkee's Salad Dressing .33, Large Can Rex Lye .11, 25 Bars Bob White Soap 1.00, 3 Cans Dutch .27, Crystal White Soap .95

DODGE BROTHERS MOTOR CAR

This car has been an important factor in establishing the present day tendency to drive all winter. The close fitting curtains provide ample protection against wind and cold. The safety-tread cord tires minimize skidding and reduce tire trouble to its simplest terms. And every owner appreciates the remarkable dependability of the starter. It responds quickly and quietly in the coldest weather.

The price is \$1075 delivered

W. S. WAKEFIELD 422 Klamath Ave.

