

J. C. Stevens, engineer in charge of the of the advantages of cooperation. hydrographic investigation being carried on by the United States Geographical Survey was in the city yesteaday obtaining data as to the winter flow of the Grande Ronde River.

"We have been frequently asked, said Mr. Stavens, "whether or not the Geological Survey would make a literal oppointment of funds for making hydrographic provided surveys in Oregon the state would make appropriations to co-operate in this work. I am authorized to say that the Geograpeical Survey will meet any reasonable appropriation with a like apportionment from federal funds "The State of Oregon has thousands of acres of the most productive soil now bearing sagebrush that need only the magic touch of irrigation to become the most productive agricultural land, and h the streams are stoned an inexhaustible

supply of power that will be in existance long after the coal mines are exhausted. There is sufficient water available to retain much of the arid lands could it be brought to economical development. "But before any development can be

made along these line two things are absolutely essential as they are at the very foundation of all development. I refer to the topographic maps and to systimatic stream measurements.

Oregon has 96,030 square miles of which only one sixth has been mapped. These maps published by the United States Geological Survey are called quadrangles, cover an area one-half or one quarter of a square degree of latitude and longitude or 200 to 700 square miles depending upon natural conditions. On these maps are shown all the roads, railroads, trails, towns, postofices, houses, streams, lakes. marshes, mines, shafts, sections, township lines, cornerstones and in addition contains lines, connecting points of equal elevation. They are sold at the nominal price of 5 cents per copy or 3 cents where purchased in quantities of 100 or more.

In addition to this work, the hydrographic Branch of the Geographical Survey is engaged in the systematic measurements of the flow of water in the streams and on many of the more important rivers of the state among them the Grande Ronde. Steps are taken to obtain records. of daily flow thru the entire year. A single measurement or a single year's record is not sufficient to obtain reliable data as the discharge of streams vary as widely as the rainfall and depend largely upon it. It is therefore necessary to keep up systematic measurements from year to year. The water in the streams is a franchise belonging exclusively to the state to be as rigorously guarded as any other state property. It can be surveyed and mapped as truly as land, and should be given away without the public reaping

Having taken up a bay work horse weighing about 1200, left fore foot white, also right hind foot half way to the knee. White on forehead and nose, white crouper marks. Owner can secure same by calling at my place 1/2 mile east of La Grande Flouring mill and paying all expenses. If not called for in due time I will proceed to dispose of animal according to law. C. D. SCOTT.

propriated for co-operation by the states

Illinois, \$10.000; Kentucky, \$11,500; Maine. \$15,000; Maryland, \$50,000; New York, \$207,000; Nroth Garolina,

\$17,000; Ohio, \$97,000; Pennsylvania, \$98,000; West Virginia, \$60,000; Okla-

homa, \$5000; California, \$30,000, No

better argument can be offered in favor

of co-operating with the government to expedite the maping of the state and in-

vestigating of the water supply than the

"Over three-fourths of the entire con-

gressional appropriations for this work is being spent east of the Mississippi river

for no other reason than that the eastern

states have been eager to avail themselves

"As a matter of fact the western states

on account of the undeveloped state of its

natural resources, ought to receive the

lion's share of this appropriation. The

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way is clear, cooperate."

named:

above figures.

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of doing injury to less positive people, the very emphasis less positive people, the very emphasis of their afformation making up for lack of argument and want of exidence. And the worst of all dogmatists are those doctors who, harking back to some old dogma of the schools, ine it that certain patients are beyond all medical help, because, forsouth, their diseases are beyond the limited medical know-ledge of the dogmatist.

!edge of the dogmatist. "When the physicians had given me up I was curve by the use of Dr. Pierce's Golden Medical Discovery." That state ment, varied sometimes in form but identical in fact, is one of the common expressions found in the letters of those cured by "Golden Medical Discovery." enred by "Golden Medical Discovery." Sometimes the statement runs; "I was given up by four doctors," showing a desperate effort to find relief in local practitioners. But however the story begins, it almost invariably ends with the statement, "I am perfectly cured by Dr. Pierce's Golden Medical Discovery." Persons suffering from "weak" lungs,





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benefit therefrom.

in order to develop and settle the vast unoccupied areas, it is necessary that the state should have at the earliest date possible, a map to show the settler what the country is like and indicate the possibility of reclaiming the arid regions by prigation.

That the reclamation has been able to accomplish so much in the short time since its organization is due largely to the fact that topographic maps of a very large area of the country to be irrigated, were already in existence, and a great many streams had already been surveyed and measured. The Federal Government has been lateral in its appropriation for topobeen liberal in its appropriation for topographic surveys and for investigation of the water supply. but the time has now come when it would be advantageous and profitable of the state of Oregon to appropriate funds for cooperation with the U. S. Geological Survey, both in order to expediate the mapping of its unsurveyed areas and investigation of its water supply. Massachusetts, Rhode Island, and Conneticut are entirely mapped and have been for some years. This was accomplished by the states cooperating with the United States Geological Survey: that is, the state appropriated a certain sum of money to be expended by the Geological Survey in making a topographic map, provided that the Geological Survey expended an equal amount within the state, the mapping being done by the Geo-Survey in accordance logical with an agreement entered into with the

states. Many other states have seen the advantage of this arrangement and have been quick to avail themselves of it, the following sums having already been ap-

> Cleanses the system thoroughly and clears sallow complexions of pimples and blotches. It is guaranteed

hemorrhages, deep-scated antion and wearness have been restored to perfect heater by the "Discovery." The philosophy of the cures effected by this marcenois medicine is not hard

by this marcenois meeticine is not hard in understand. Life is sustained by tood, directed and assimilated. The basis of health is a good appetite and a sound direction. In almost all cases of a same life of appetite is an early symp-tom, and this is proaceptly followed by a wasting of the flesh. For some cause the food ester is not being converted into muritism and the body and its orinto nutrition and the body and its or associated organs of digestion and nutrition.

PAIN ALL CONE.

PARM ALL CONE. There takes your medicine with the greater for the state of the second state of the second provide the second state of the second state the second state of the second state of the provide state of the second state of the second state provide state of the second state of the second state provide state of the second state of the second state provide state of the second state of the second state provide state of the second state of the second state provide state of the second state of the second state provide state of the second state of the second state provide state of the second state of the second state provide state of the second state of the second state of the provide state of the second state of the second state of the provide state of the second state of the second state of the provide state of the second state of the second state of the provide state of the second state of the second state of the provide state of the second state of the second

"ALMOST A MIRACLE."

"I took a severe cold which settled in the bronchial tubes." writes Rev. Frank flay of Nor-tonville, Jefferson Co., Kansas. "After trying medicines labeled "Sure Cure, "atmost without sumher, I was led to try Dr. Pierce's Golden Medical Discovery. I took two bottles and was cured, and have stayed cured. "When I think of the great pain I had to en-ours, and the terrible cough I had it seems almost a mirade that I was so wore releved."

Mrs. H. J. Ritter returned this morning

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