

Republican State Ticket.

Governor, W. J. FURNISH, of Pendleton. Supreme Judge, R. S. BEAN, of Lane. Sec. of State, F. T. DUNBAR, of Astoria. Treasurer, CHAS. E. MOORE, of Klamath. Attorney General, A. M. CRAWFORD, of Douglas. Supt. Public Instruction, J. H. ACKERMAN, Multnomah. State Printer, J. R. WHITNEY, of Linn.

Congress 2nd District, J. N. WILLIAMSON, Prineville.

Joint representatives, Wasco, Crook, Lake and Klamath counties: N. WHEALDON and J. N. BURGESS, of Wasco and R. A. EMMITT of Klamath.

Republican County Ticket.

County Judge, W. C. WILLS, of Willow Creek. County Clerk, CAREY FOSTER, of Prineville. Sheriff, J. S. McMEEN, of Haystack. Commissioner, M. D. POWELL, of McKay. Treasurer, MARSH AUBREY, of Bend. Assessor, B. F. JOHNSON, of Mill Creek. Surveyor, C. A. GRAVES, of Montgomery. Coroner, J. L. McQUILLOCH, of Prineville.

Wonders Of Ocean Rivers.

Professor George Davidson, of the University of California, president of the Geographical Society of the Pacific, spoke in the Academy of Sciences Hall in San Francisco recently upon "The Currents and Climatology of the Pacific." His talk was based largely upon his personal investigations during many years, and was roughly illustrated with a large map he had especially prepared to indicate the sweeping course of the Pacific currents and the general wall-like mountain chain drawn in a mighty curve about the shores of the western ocean.

He said that the equatorial current in the Atlantic that moves westward into the Gulf of Mexico and sweeps northward as the Gulf Stream and curves across to warm the shores of Europe had its counterpart system in the Pacific in the equatorial current that started about at Panama and moves westward to the Philippines, is deflected by those plateau-like barriers, turned northward along the Japanese coast and sweeps in a great upward curve back across the Pacific as the Japan stream to warm the northern shores of this country, and come down and deflect southwestward, to be redrawn into the equatorial current for another trip across to the Philippines. But, while the two big oceans have similar ocean currents, their shores are different. The Pacific, beginning at Cape Horn, extending up the coast to the Aleutian islands, over to China, Japan, the Philippines and ending way down at Tasmania, is bounded by a mountain wall close to shore ranging roughly from 5000 to 15,000 feet in height and having no fewer than 350 active volcanoes in a distance of 20,000 miles.

Professor Davidson went on to explain that the equatorial current moves westward because the earth is turning eastward all the while, and the ocean, being a movable

surface on a solid body, really hangs back a little, and that action results in a western trend of the waters at the equator, when the surface of the earth is moving the fastest, and this western movement along the equator draws into it from north and south the currents coming from the polar regions. Off Japan this equatorial stream of warmer water is from 500 to 600 miles wide, moves eighty miles a day and gives the shores of Formosa a temperature of 86 degrees. After it curves back across the Pacific and warms the coast it moves southward. Because the greatest coast rainfall is at Cape Flattery, and there it is 125 inches a year, Professor Davidson inclines to the opinion that about there the Japan current, with its rain-bearing vapors, must strike its midstream. As this current passes San Francisco it widens to 1000 miles, and has given up a good deal of its warmth to the chilly coast of the north. Professor Davidson has a record of some seventy Japanese junks, carried away in typhoons and left to drift with the Japan stream, and the wrecks, a few of them with men on board, shows where the stream strikes all around the great curve and way around to the Hawaiian islands. He spoke of one junk that had been picked up 300 miles southwestward of Santa Barbara with three survivors of a large crew after drifting for 517 days in the Japan stream thousands of miles. From that drift the rate of the movement of the stream was found to be ten miles a day.

He told of a so called tidal wave that had struck this coast, and explained that it was an earthquake wave from Japan. It crossed the Pacific ocean about 6000 miles in eleven and a half minutes and made itself felt way up into the Tuolumne river and in San Francisco and San Diego bay. From that wave rate the scientists computed the average depth of the Pacific between here and Japan to be between 2700 and 2800 fathoms, or 16,000 feet, and they established this before the ocean cable-layers in the Atlantic had learned the depth of that ocean. Scientists had also found a depth of more than five miles in the Pacific, the deepest ever sounded.

He said that when the Canadians asked for even a fifty-mile

limit for fur sealing in the Behring sea they knew that the mother seals swam out fifty and sixty miles from the Pribilofs to get food fish in the Japan stream, as no food fish were to be found in the cold waters closer to the rookeries.

A Raging Roaring Flood.

Washed down a telegraph line which Chas. C. Ellis, of Lisbon, Ia., had to repair. "Standing waist deep in icy water," he writes, "gave me a terrible cold and cough. It grew worse daily. Finally the best doctors in Oakland, Neb., Sioux City and Omaha said I had Consumption and could not live. Then I began using Dr. King's New Discovery and was wholly cured by six bottles." Positively guaranteed for Coughs, Colds and all Throat and Lung troubles by Adamson & Winnek Co. Price 50c and \$1.00.

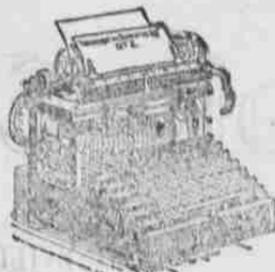
Notice.

All persons wishing grist work done and also those having old grists on our books, must call and get same on or before May 20th as we will shut down at that time.

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Press Dispatch to Portland Oregonian, February 7. Portland office Smith Premier Typewriter Co., 122 Third St., I & M. ALEXANDER & CO., Agents.

W. T. FOGLE, Agent, Prineville, Oregon

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