

Salt Lakes.

Why some lakes are salt is thus explained by Isaac Kinley in the Popular Science Monthly for July: "It is probable that when the continents were raised from the sea the lake basins had been already formed and came up, therefore, brimful of water. In the northern and eastern part of the continent, where the supply from rain and snowfall exceeds the loss by evaporation, the salt, being continuously carried away through their outlets, has become so diluted as to be an imperceptible quantity. In arid regions, as the Pacific slope and the country about the Caspian, where the evaporation was in excess of the supply, the water-level of the lakes continuously sank until, on account of the diminished extent of surface, the equilibrium of loss and gain was attained. Hence the exceeding saltness of Great Salt Lake, the Dead Sea, etc. For a like reason the water of the Mediterranean contains more salt relatively than that of the ocean. Evaporation exceeding the supplies from the rivers and rainfall, it requires a constant current through the Straits of Gibraltar. The same is true of the Red Sea, causing a like current through the Strait of Babel-Mandeb. Other salt or brackish lakes probably owe their saltness to the supplies from the land. Water being the most general of all solvents, the rains gather up the chloride of sodium from the soils and the disintegrating rocks, and where the streams fall into lakes whose only outlet is evaporation, the land itself must be a constant source of saline supply, and their waters must become more salt, until their capacity as solvent has been reached. The Utah Basin must have been filled to its brim with ocean water. The outlet has been evaporation. The lake, receding to its present level, has left many evidences of its former extent. To the drying up of lakes is probably due the presence of rock salt, often found in great quantities in regions of little rainfall.

The Eclipse of the Sun.

The total eclipse of the sun on August 18th will be remarkable on account of the length of the land line traversed by the shadow of the moon. In fact, it will be many years before another eclipse will occur, the path of which will be so continuously upon the land and so little upon the ocean. The shadow of the moon will strike the earth first at Berlin, early in the morning. It will pass eastwardly from this point, and, traversing the entire width of Russia and Siberia, will reach the Sea of Japan a little south of Vladivostok. Trending south-easterly, the shadow track will pass across Hondo, the main island of Japan, in a line running from Nitaiga, upon the western coast, to Mito. The observers upon the streets of Tokio will be favored with a sight of the eclipse a little south of the line of totality. The giant shadow will rise and disappear from the surface of the earth at a point nearly 1000 miles east of Japan in the Pacific Ocean. The eclipse will be observed by two American parties—one in Japan and the other in Russia—and observations will be taken by astronomers at various points in Siberia.

ADVICE TO MOTHERS.—Mrs. Winslow's Soothing Syrup should always be used when children are cutting teeth. It relieves the little sufferer at once; it produces natural quiet sleep by relieving the child from pain; and the little cherub awakes as "bright as a button." It is very pleasant to taste. It soothes the child, softens the gums, allays all pain, regulates the bowels, and is the best known remedy for diarrhea, whether arising from teething or other causes. Twenty-five cents a bottle. Be sure and ask for Mrs. Winslow's Soothing Syrup, and take no other kind. mar17 eod & wky

On Saturday evening, in Cleveland, Ohio, Mrs. Fitzgerald sat on the sidewalk in a rocking chair, fanning herself, and three floors above her Daniel Sweeney, full of beer, leaned out of the window. An instant later there was a crash, a scream, and a grunt, and Mrs. Fitzgerald, the chair, and Daniel lay in a heap on the sidewalk. The chair suffered most, being a total wreck. Mrs. Fitzgerald was somewhat bruised. Mr. Sweeney was not hurt in the least.

Capt. John Ericsson, engineer and inventor, was 84 years old on last Sunday. He is hale and vigorous, has a genius for work, and during the 48 years which he has spent in New York he has never gone into the country for rest. He is now engaged on what he regards as the most important mechanical work of his life, investigating the diathermancy of the earth's atmosphere, a subject closely connected with the success of his "sun motor."

Prince Ferdinand, the newly elected prince of Bulgaria, is expected at Sofia early in this month to take the oath of office. The Bulgarian Government has sent to the officials of the various towns through which the prince will pass orders to receive the new ruler with due honors.

According to an official report the Russian army on the 1st of January, 1886, comprised 824,772 men in the active army, while the reserve amounted to 2,600,815 in addition, thus making a total of 3,425,587 soldiers who could be called into the field at need.

Gen. Ferron, French Minister of War, is preparing a bill for the creation of a military corps of mountaineers for frontier service.

The gang of nihilists who murdered General Nesterova's widow at Vidikainkas and stole 800,000 roubles, have been arrested.

MACKEREL BARRELS

500 for Sale by CARVELL BROS. July 29, 1887.

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These are all genuine Scotch Tweeds.

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For \$1 a Fur Felt Hat worth \$2.
Canadian Tweed Suits from \$10, up.
Gents Furnishings, Shirts, Collars, Ties, Hats, &c., cheap for cash.
Military Cloth and Trimmings always on hand and made to order at short notice.

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Ch'town, June 4, 1887—eod & wky

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AT

25 Per Cent Discount.

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LARGE DISCOUNTS FOR CASH.

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June 13, 1887—law 5 & wky

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From Station to Station, when the distance is 5 miles or under, for each five minutes' conversation, or part thereof, 10 Cents
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When distance does not exceed 10 miles, for twenty words or under, 15 Cents
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Ch'town, Oct. 19, 1886—lyer eod

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Ch'town, June 14—3 no eod to thir sat & wky

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Jan. 5, 1887.

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