

Isothermal Lines. These lines, as their name indicates, are lines of equal temperature, and vary greatly from the lines representing the actual temperature. It is generally supposed that localities situated at the same distance north or south of the equator would be of the same average temperature throughout the year, but an examination of a map on which isothermal lines are represented will show a remarkably different result. Take the isothermal line of forty degrees of animal temperature. It runs through the southern part of the Gulf of St. Lawrence, thence south of Iceland and westward to the coast of Scandinavia. It is as warm on the western coast of Europe as it is on the eastern coast of the United States, 600 or 800 miles further south. Grains will ripen in these latitudes in this ratio. A similar statement is true of the west portion of the United States. Take the parallel of fifty degrees of equal annual temperature—it runs by Albany, the south shore of Lake Erie, through Northern

A PROFESSOR OF FELONY.—A Professor of Felony was recently arrested in Cincinnati. His name was John Carney, and a manuscript was found on him entitled a "Lecture on Thieves," with a schedule of prices for 100 lessons, as follows:—For highwaymen, \$15; robbers, \$30; footpads, \$9; pickpockets, \$20; shop-lifters, \$300; panel thieves, \$150; burglars, \$500; confidence men, \$1,000; garrotters, \$25;appers, \$25; counter-broppers, \$12; stolen goods, \$6; train robbers, \$5,000. The Professor also proposed to show clerks the way to rob their employers and square it up on their books."

nesia. 9. This being evidently a good compound to make glass, the first experiment was consequently made by melting 500 parts granite and 200 parts limestone, and a white glass was obtained. The second experiment was made with 20 granite, 150 lime, and 75 of soda. This glass was more fusible, and at the same time harder. Both kinds were blown without difficulty, at a bright red heat, while a dark glass was obtained by the addition of 70 parts of sulphate of lime or potash, and 7 parts of carbon.

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