

SCIENTIFIC AND SANITARY.

From the literary point of view, it seems to us that coloured hearing is a deformed metaphor; metaphor is an intelligent connection between different things, founded on some frequent and natural coincidents; in the coloured alphabet the connection is absolutely destitute of sense. From the psychological point of view, coloured hearing is a deviation, slight though it may be, from the normal march of thought. Finally, if we place ourselves at the social point of view in order to judge of this phenomenon, we find that the small number of persons having this faculty are cultured people, artists, men of letters; the faculty of colouring sounds is more frequent among refined minds than dull and robust natures. The peasant who sows wheat knows none of these subtleties of thought.—Translated for Public Opinion from the French of M. Alfred Binet, in the Paris Revue des Deux Mondes.

We have taken the following interesting item from "The Springfield Republican": The storage battery street-car at Milford in this State, says the Engineering Record, was subjected to a test of battery endurance in service last month. Two statements having been made by the Hopedale electric company, one that the batteries would operate the car 30 miles and another that the car could carry 70 passengers, a committee of Cambridge aldermen invited a demonstration upon a basis as severe as that of the service between Cambridge and Boston. The car was loaded with 6,077 pounds of iron and lead, and nineteen passengers brought the weight to 9,174 pounds. The investigators brought their own electrical measuring instruments, and Prof. John Trowbridge, of Harvard University, kept the record. The car was run continuously for thirty miles without recharging its batteries, surmounting, as a part of its course, a grade five per cent. 1,500 feet long. The average time for the thirty miles is said to have been over six miles an hour. The load carried was at no time less than that of the iron and lead and the persons necessary to operate the car. The car has two 7½-horse-power motors; it was naturally run slowly a part of the time, and was carefully handled, as it was not known how the batteries would stand the strain.

"August Flower"

Mrs. Sarah M. Black of Seneca, Mo., during the past two years has been affected with Neuralgia of the Head, Stomach and Womb, and writes: "My food did not seem to strengthen me at all and my appetite was very variable. My face was yellow, my head dull, and I had such pains in my left side. In the morning when I got up I would have a flow of mucus in the mouth, and a bad, bitter taste. Sometimes my breath became short, and I had such queer, tumbling, palpitating sensations around the heart. I ached all day under the shoulder blades, in the left side, and down the back of my limbs. It seemed to be worse in the wet, cold weather of Winter and Spring; and whenever the spells came on, my feet and hands would turn cold, and I could get no sleep at all. I tried everywhere, and got no relief before using August Flower. Then the change came. It has done me a wonderful deal of good during the time I have taken it and is working a complete cure." ©

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Some wonderful results with regard to potato culture have been obtained by a gentleman farmer in France. This farmer, who is also a distinguished chemist, has been, according to a recent consular report from Nantes, for some time past conducting experiments with potatoes, with the remarkable result that he has succeeded in securing the enormous return of forty-two tons per acre. The plan he adopts is to carefully select the seed and to use only the best and soundest tubers. The ground is dug or ploughed to a great depth and is well manured. Before planting the seed potatoes they are soaked for about twenty-four hours in a mixture composed of saltpetre and sulphate of ammonia, six pounds of each salt to twenty-five gallons of water. After this soaking the tubers are allowed to drain, and they then stand for twenty-four hours longer, in order that the germs may have time to swell.—Chambers' Journal.

Farmers and Mechanics.—Provide yourselves with a bottle of "Pain-Killer." It is a prompt, safe and sure cure for many ills. It may save you days of sickness, and you will find it is more valuable than gold. Be sure you buy the genuine Perry Davis' "Pain-Killer" and take no other mixture. 25c. is a Cheap Doctor's Bill.

Those who have looked at the archaeological collections of the Smithsonian with any attention, cannot fail to remember the extraordinary specimens of copper work from the Etowah valley mounds, in northern Georgia. The figures they delineate have an unquestionable family resemblance with those inscribed on shells obtained on the lower Mississippi, so accurately presented in Mr. Holmes's essay in the Report of the Bureau of Ethnology, 1880-81. Both present curious analogies to Mexican and Maya art, and I have been almost constrained to believe in a connection, either ethnic or commercial, between these peoples. Dr. Eduard Seler, however, who is a most competent authority on these questions, expresses a different opinion in a recent article in Globus, Bd. LXII., No. 11. He analyzes with care the mode of wearing the hair, the headdress, the clothing, and the weapons of the figures, and shows that in several of these points they correspond with the descriptions of the early voyagers of the natives they found in these localities. He also compares the same features with similar relics from ancient mounds in the Ohio valley. The conclusions he reaches are, that the builders of the Etowah mounds and the artists of the inscribed shells were probably related to the builders of the Ohio mounds; that they were not the direct ancestors of the tribes found in Georgia at the discovery; that there is not sufficient reason to suppose connection with Mexico or Yucatan; that probably the mound-building and copper-working tribes were destroyed or driven to the remote sea-coast by invasions from the north and west at a period not very remote from that of the discovery of the continent.—Dr. D. G. Drinton, in Science.

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One by one the objects of our affections depart from us, but our affections remain, and like vines stretch forth their broken, wounded tendrils for support.—H. W. Longfellow.

I do not know what I may appear to the world, but to myself I seem to have been only like a boy, playing on the sea-shore and diverting myself in now and then finding a smoother pebble, or a prettier shell than ordinary, while the great ocean of truth lay all undiscovered before me.—Sir Isaac Newton.

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