

COMPOSITIONS OF QUACK MEDICINES.

Roche's Embrocation, for the Hooping Cough.—Olive oil sixteen ounces; oil of amber eight ounces, scented strong with oil of cloves.

Taylor's Remedy for Deafness.—Oil of almonds, one pound; bruised garlic two ounces: alkaret root, half an ounce: infuse, and strain.

Whitehead's Essence of Mustard.—Oil of turpentine; camphor; spirits of rosemary; to which is added flour of mustard.

Ryner's Cordial Tincture.—Capsicum; camphor; lesser cardamoms; rhubarb; aloes, and castor, in proof spirit, with a few drops of oil vitriol.

Bateman's Pectoral Drops.—Sweet fennel seeds, two pounds eight ounces; aniseeds, one pound; proof spirit, four gallons; water, a sufficient quantity; distil ten gallons, to which add opium, seven ounces and four drachms; camphor, six ounces; prepared kali, one ounce; red coral, four ounces.

Freeman's Bathing Spirits.—Soft soap, six pounds; camphor, eight ounces; rectified spirits of wine; water, of each three gallons: colour with Daffy's elixir.

MISCELLANEOUS.

Progress of Science.

Mortar.—M. Berthier has lately given an analysis of the Roman cement of Parker and Wyatt, of

London. According to him it is composed of

Carbonate Lime.....	657
———— Magnesia.....	005
———— Iron.....	070
———— Manganese.....	019
Clay Silicia.....	180
———— Alumnia.....	066
Water.....	013

1·000

Berthier thinks, that with one part of common plastic clay, and two and a half of chalk by weight, a very good hydraulic lime could be made, which would set as speedily as the English one; but it is not probable, he allows, that we can obtain by mixtures hydraulic lime, which will acquire as great hardness and solidity as the natural mortar, because these qualities depend not only on the composition, but also on a state of compactness. The greater density the material possesses, and if it slake without changing its volume, the greater facility will its particles have in becoming aggregated, and the less shrinking will there be during its consolidation. Berthier has drawn the following conclusions from a numerous set of experiments. A lime-stone which contains 6 per cent. of clay affords a lime already perceptibly hydraulic. When the lime amounts to from 15 to 20 per cent. it is very hydraulic, and when from 25 to 30, it sets almost instantly, and may therefore be considered as Roman cement; He conceives that the iron and manganese have no effect whatever in occasioning the hardening.

In a mortar, which owes its solidity to the adhesion of the lime to the *alloys*, or substances with which it is mixed, there is evidently an advantage in multiplying as much as possible the

surfaces of contact. Thus, alloys with large grains, do not afford mortars so solid as the pulverulent ones, because there are spaces filled with pure lime, which do not present the same resistance to fracture as the other parts. On the contrary, alloys in powder, though they present the greatest surface, yet require a very large proportion of lime. To obtain, then, with the smallest possible quantity of lime, mortars possessing the greatest solidity, alloys must be used, containing particles of different sizes, avoiding always the mixture of argillaceous substances, which form a paste with water, but have no coherence. These opinions have been put to the test of experiment on a large scale, the sand usually employed at Paris affording a better mortar when merely washed, than when the fine particles are removed by a sieve.

Volcano of Barren Islands.—

This volcano was visited by Captain Webster in March last. When entering the bay they were assailed at the distance of 100 yards from the shore, with puffs of warm wind, and on dipping their fingers into the water it was found to be quite hot. The stones on shore were also warm, and the water bubbling all around them. Having landed, he ascended the precipice towards the cone, which appeared to be about a quarter of a mile distant. The diameter of the base of the volcano is about 300 yards, and about 30 at the top, and there issued from it continually a white thin smoke. In order to examine the crater, Captain Webster ascended 30 or 40 yards, sinking ankle deep in ashes

at each step, but he found it impossible to reach the mouth.

Matrix of the Brazilian Diamond.—In Mr. Heuland's collection there is a Brazilian diamond imbedded in brown iron ore. Another in the same matter is in the possession of M. Schuch, librarian to the Crown Princess of Portugal. Eschwege has in his cabinet a mass of brown iron ore, in which there is a diamond in a cavity of a green mineral, supposed to be arseniate of iron. From these facts, he infers that the matrix, or original repository of the diamond of Brazil, is brown iron ore, which occurs in beds of slaty quartzose micaceous iron ore, or in beds composed of iron glance and magnetic iron ore, named by him *Itabirite*.

TABLE TALK.

Dreadful Accident from Fire-damp.—*Thirty-two Persons killed.*—It is this week our painful duty to record one of those heart-wounding events, which, notwithstanding the luminous discoveries and improvements lately made in the sciences, and particularly in that which is more immediately connected with the art of mining, seems inseparable from those ill-fated mortals whose province it is to explore the bowels of the earth. On Monday night last, the town of Whitehaven was thrown into the utmost agitation, by an awful explosion of fire-damp, from the William Pitt (a name of disastrous import)—a coal-mine belonging to the Earl of Lonsdale, where it was known, that a considerable number of colliers were at the moment employed in the work-

“There’s much more of an emphasis on things that doctors can easily measure,” she says, explaining that, for a long time, research into the side-effects of statins was all focused on the muscles and liver, because any problems in these organs can be detected using standard blood tests. This is something that Dominik Mischkowski, a pain researcher from Ohio University, has also noticed. And recent research has revealed that this patch of cerebral real-estate is more crowded than anyone previously thought, because it turns out the brain’s pain centres also share their home with empathy. I think “suddenly” is more accurate than “immediately” (at least for me). Some discoveries have been years in the making, then one morning I awake, and there it is. It’s as if my inner being has been sifting and polishing for years, then delivers ... This is accurate in regard to subjective truth, which is always there inside you but can’t be explained or even expressed in words—just experienced in the present moment. This is the purpose of meditation: to become more aware of your inner truth. Continue Reading. Truth is that which is immediately recognized. To recognize something is to identify it—label it according to some arbitrary distinction. The process of recognition has to do with what is perceived and/or conceived of as real, not what is true. As much as the ‘profane’ designates a profane, that which is before - or creatively prior to - the temple; there is also a sanctity in that which is not immediately apparent as such. Huffington Post. 7. But you don’t mention several important points that the director made in that statement, which was immediately posted on our public Web site. The New York Times. 8. Mr. Biden repeated America’s demand that Mr. Assad relinquish power, which was immediately criticized by the Russian foreign minister, Sergey V. Lavrov, as “the single biggest reason for the continuation of the tragedy in Syria”. The New York Times. ludwig.guru. Trusted already by 8 million users, Ludwig is designed to help anyone write better in English. Need more results? Sign up for free or try Premium free for 15 days.