Scientific and Assert.

A now kind of coal has recently been discovered on the Australian continent, which has received the name of white coal. It consists of felted vegetable fibres, like peat, which coutain, interspersed between them, the grains of sand. It is easily combustible and burns with a light flame. The white coal covers large tracts, requiring no mining, and is already used in level quantities. mining, and is already used in large quarti-

DRY AND WARE LIET.

Keep your feet always dry and warm, thist, by keeping them clean. In slushy, muddy weather, it is better to wear rubber shoes, if not longer than two or three hours; but for those who are on their feet all day, atanding or walking in melting snow, or on damp ground, it is better to have thick soled shoes, the bottoms of which have been saturated in common grease, or painted several times with kerosene, especially at the joinings with the upper leather.

CAN'T STAND IT.

Physicians are well agreed that the use of tobacco by growing boys is full of danger. Recent investigations, especially in France, have demonstrated that a whole train of nervous diseases are to be traced to this practice. If you want to stop growing, if you want to have a set of nerves that are like those of an invalid old lady, if you wish to grow feeble and thin, if you wish to look shallow and puny, I do not know of any better them. any better than to smoke tobacco. It will make a drain on your nervous system which will be sure to tell after a while.

A NEW ALKALOID FROM MORPHIA.

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A new substance has been prepared, by G. Nadler, by the action of an ammoniacal solution of cupric exide on morphia. Its enletide is of a brilliant white color, and is easily soluble in het water, in which the aumonia throws down an amorphous procipito, that romains unchanged in the air in the moist state. With concentrated sulphuric acid, it hecomes of an intensely groon color. From the potash solution, when boiled, the alkaloid separates in scales having the lustre of atter. It is, moreover, distinguished from morphia by the trifling solubility of its sulphate, and from apomorphia by its stability in moist air.

CLEANSING CLOTHES.

Dissolve two pounds of soap in three gal-Dissolve two pounds of soap in three gallons of water as hot as the hand can bear. To this addong tablespoonful of turnentino and three of acqua ammonia, the mixture to be well stirred. Soak the linnen clothes in this two or three hours, taking care to keep the boilest tightly closed. Then wash and rinse in the usual ways. Add for the second use of the preparation, half as much turpetitine and almonia as at first. Both of these possess strong detersive, qualities of these possess strong dotersive qualities without any injurious effect. The smell of both will disappear by the time the clothes are dry. The use of this mixture makes rubbing on the board unnecessary and will not remove the color from calicoes.—New York Tribune.

QUANTITY OF SALT IN THE OCEAN.

Everybody knows that the waters of the ocean are very salt to the taste; but how many of you have thought of the immense quantities of salts of different kinds that must be in the Atlantic and the Pacific to give a flavor to such enormous bodies of water? Scientific men nave thought about it; and one of them (Cap:ain Maury) has told us that if all the various salts of these oceans could be separated from the water and spread out equally over the northren half of this continent, they would form a covering one mile deep. So heavy would covering one mile deep. So heavy would be this mass of salts that all the mechanical inventions of man, aided by all the steam and all the water power in the world could not move it so much as one inch in oven centuries of time. Dear me! I'm glad Jack-in-the-Pulpits are not marine plants. Wo'd be in a pretty pickle if we were.—From "Jack-in-the-Pulpit," in St. Nicholas for February.

PORK AND BEANS.

A writer in the New York Word says this is the way down-east lumbermen cook them, who cat them twice a day for four or five months each year:—Take one quart of beans; if pea beans, until they are swelled beans; it pea beans, until they are swelled full; it will take over night certain; if yel-low eyes, parboil until the skins crack open when blown on with the breath; drain off the water, put about two thirds of the beans in the pot; put in about one and one half i pounds of sait fat pork, then the rest of the beans; bake not less than twelve hours, first covering the beans with het water. These are gounine Yankee pork and beans. These are gennine Yankee pork and beans. The way they are cooked in the woods is this:—A hole is dug at the foot of the fire, filled around with hot coals and covered with hot ashes, where it remains from 8 o'clock p.m. until breakfast the following morning—about fourteen or fifteen hours. There are probably more beans eaten in Maine than in the whole State of New

THE SULPHURIC-ACID CURE FOR DIPTHERIA

A South Australian paper publishes de-tails of the Greathead cure for diphtheria. The disease is declared by Mr. Greathead to be of hytadid growth, and that the germs of it floating about in certain impure at-mospheres were inhaled by human beings. For a grown person he prescribes four drops of strong sulphurio acid "luted in three-quarters of a tumbler of water, with a smaller dose for children. The effect of this treatment was said to be instantaneous the acid at once destroyed the parasites, and the patients coughing up the obstrucand the patients coughing up the obstruction. For weeks since the promulgation of this specific, the papers have toomed with accounts of safferers who had been recovered in a low minutes by adopting the Grothlead treatment. Children previously in an almost dying state were declared to be playing about and assing for soutching to est within ten minutes, and at a moderate convention some forty, or fifty of these midden. within ten minutes, and at a moderate com-putation some forty or fifty of these midden recoveries have been recorded with full de-

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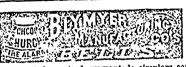
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