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TO TEMPERANCE, EDUCATION, AGRICULTURE & NEWS.

PLEBOX.-We, the undersigned, do stree, that we will not use Intoxicating Liquors as a Bevorage, nor Traffic in them; that we will not provide them as an article of Entertakement, nor for possuus in our kin-ployment, and that in all suitable ways we will discountenance their had throughout the community.

MONTREAL, JUNE 2, 1951.

No. 12

Water, a Vital Agent.

Fire, ait, earth, and water, for many an age, were regarded as the fundamental elements of all material things .-In the hey-day of Grecian and Roman greatness, when hu-man thinking had reached the limit of its pagan enlighten-

the chemical science of modern times, it appears scarcely of old credible. That a thing so limbid, clear, colorless, and taste-up."

fired accidentally in coal-mining operations. Oxygen diluted in the air we breathe is necessary to the life of all whether animal of gegetable beings; without its presence they droop and die; whereas, bydrogen, taken slone, becomes destructive to every living thing.

ment, aid spent the energy of its inventive and inquisitorial content in attempting to 'look through nature up to nature's feet." The trainsmutation, combination, and endlessly diver in attempting of its analysis was 'fire, air, earth, and waater." The trainsmutation, combination, and endlessly diver in the solid earth and the invisible air; whose fluidity better. The trainsmutation, combination, and endlessly diver in the solid earth and the invisible air; whose fluidity better in the solid earth and the invisible air; whose fluidity is mover and atmosphere, and sustained the bubble on the ocean brim; lad the foundations of the earth; built up the ribs of the solid earth moisture, and sustained the small dust in a thousand drain mointains, and scattered the small dust in a thousand drain mointains, and scattered the small dust in a thousand drain mointains, and scattered the small dust in a thousand drain mointains, and scattered the small dust in a thousand drain mointains, and scattered the small dust in a thousand drain mointains, and scattered the small dust in a thousand drain mointains, and scattered the small dust in a thousand drain mointains, and scattered the small dust in a thousand the clouds on a thirsty world. Whether, in the progress of the clouds on a thirsty world. Whether, in the progress of the clouds on a thirsty world. Whether, in the progress of the clouds on a thirsty world. Whether, in the progress of the clouds on a thirsty world. Whether, in the progress of the clouds on a thirsty world. Whether, in the progress of the clouds on a thirsty world. Whether, in the progress of the clouds on a thirsty world. Whether, in the progress of the clouds on a thirsty world. Whether, in the progress of the clouds on a thirsty world. Whether, in the progress of the clouds on a thirsty world. Whether, in the progress of the clouds on a thirsty world. Whether, in the progress of the clouds on a thirsty world. Whether, in the progress of the clouds on a thirsty world. Whether, in the progress of the cl and the cosmos that sustains it—this marvellously construct—ed world!

Three quarters of a century have not yet rolled away since the simple elementary nature of water began to be excluded from the articles of faith maintained by philosophic men. Water is now to longer regarded as simple, elementary, or indivisible. It is a compound body. After it has been freed from everything extraneous, in the shape of air, coloring matter, or earthy saline impregnation; after it has been ing matter, or earthy saline impregnation; after it has been rendered by the most careful process of human art absolute well, still it remains a substance compound. To those who where, still it remains a substance compound. To those who ing fire; and ready to become a terrestrial vestment of devourage, macquair ed with this fact, developed as it has been by the chemical science of modern times, it appears scarcely of old, "The earth and all that is therein shall be burnt

less as pure water, should not in itself be simple and uncompounded, sounds at first as if it were a contradiction of sense. almost boundless expanse of water, may be regarded as the
The thing that is distilled from the beavens in the gentlest terraqueous source of physical life, occupying the surface of The thing that is distilled from the beavens in the gentlest deep, which stands before us in the crystal vase, sparkling out planet. Life under any form, is nowhere seen but as with diamond purity—what, it may be asked, could be deduced as a specimen of absolute simplicity, unity, or homogeneousness, in protecence to that? To the eye, to the inger, to the taste, it is absolutely one and simple. And, indeed, so, far, it might be designated a simple element.—this naturally simple, tasteless, inodorous liquid—this dewy, indeed, so, far, it might be designated a simple element.—this naturally simple, tasteless, inodorous liquid—this dewy, indeed, so, far, it might be designated a simple element.—shall flesh and blood' no longer find a living habitation on its required by chamical manipulation—especially the bound—soil but not even shall the singular lichen, the most attents. regulated by chemical manipulation -especially the bound- soil, but not even shall the simplest lichen, the most attenuless might of the galvano electricity—water is instantly tesolved into what are, at present at least, regarded as its
the bosom of the waste and arid world. Witness in dreary
constituent elements. It is found to be made up of two zriform bodies, two gases or air-like substances, named respecfively oxygen and hydrogen. The former of these, mixed
in the world and more than two thousand long, is one of the in the proportion of about one-fifth part of the whole, forms most appalling, gloomy, and dismal tracts of earth ever trod the life sustaining element in the common atmospheric air; by the footsteps of men. At times a moving sea, whose the latter is known in its terribly-destructive power, when waves are suffocating billows of the finest sand, and at