

### Literary Notices.

The *Princeton Review* for May is quite up to its usual standard of excellence. Prof. Joseph LeConte, of California, in an intensely interesting article, on "The Psychical Relation of Man to Animals," draws what seems to be the true line of distinction between the intellect of the former, which is able to create, and the lower intelligence of the latter, which is only capable of comprehending associations. "Mystical Theism," by the late Prof. M. Stuart Phelps, is a valuable contribution to philosophical literature. The author deprecates the presence of mysticism in philosophy, as appealing to feeling and not to reason. The modern theistic argument to be successful must be scientific and logical.

Other live questions are discussed by eminent authors. No. 2 Nassau St., New York. Three Dollars a year. Fifty cents a number.

*Canada at the Great Fisheries Exhibition, London, 1883.*—This is a little volume containing extracts from papers read and discussions conducted at the Conference held in London during the Exhibition, and also letters from eminent men of England, expressing in very laudatory terms their high appreciation of the part taken by Canada in the Exhibition, and their great admiration of the zealous and efficient management of this department by the chairman of the committee in charge, Samuel Wilmot, Esq. The superiority of the Canadian exhibit over all others, as was universally admitted, should be a matter of congratulation to all loyal Canadians, and speaks more loudly than words of the efficiency of those to whose enthusiastic labors the same was due. It must be very gratifying to Mr. Wilmot to have his efforts thus appreciated abroad, but have he and his associates received at the hands of their countrymen that recognition, official or otherwise, which the disinterested nature of their work would seem to demand?

*Report of the Entomological Society of Ontario for 1883.*—Owing to a stroke of economy, ill timed, perhaps, on the part of Legislature, the present Report comes to us in paper covers. This is to be regretted as the work is worthy of a place on the shelves, not only of the Naturalist, but also of the general reader, and so great would be the convenience made by the expenditure of a few additional dollars in enclosing the volume in cloth binding, that said expenditure would seem to be warranted. The Report contains many interesting and well-illustrated contributions.

No. 3 of the *Bulletin of the Natural History Society of New Brunswick* recently came to hand. There is an interesting paper, by G. F. Mathew, M. A., reporting the discovery of a village of the Stone Age, at Bocabec, on Passamaquoddy Bay. Accompanying the description is a map, showing the sites of some thirty huts, with a section and ground plan of one of the most characteristic. The Botanical committee reports the discovery of over sixty species hitherto unrecorded, as occurring in New Brunswick. M. Chamberlain furnishes a list of Mammals of New Brunswick, including forty-three terrestrial and five marine species. The beaver is reported as returning to his old haunts in a few sections abandoned by the lumbermen.

The *American Naturalist*, one of the most valuable Scientific journals published in the world, comes to us for May, loaded with its usual quota of Natural Science News. The leading articles are as follows:—"The Merquit, V. Howard." "The Larval Theory of the Origin of Cellular Tissue," *Aiphex Hyatt*. "The Naturalist Brazilian Expedition, No. III," *Herbert H. Smith*. "The Exhalation of Ozone by Flowering Plants," *Anders*. "The Creodonts," *E. D. Cope*. "A Walk through the Natural History Museum of Florence," *James S. Lippincott*. "Construction of Ancient Terra-Cotta Pitch Pipes and Flageolets," *H. F. Cresson*. Many of these articles are capably illustrated. The fifty pages of *General Notes* form a most admirable collection of the latest news pithily put.

The *Bulletin of Torrey Botanical Club* for April, opens with a plate of a new species of grass, followed by a neat biographical sketch of Dr. Engelmann, with portrait. It also contains a list of New Fungi, by J. B. Ellis and B. M. Ewhurst, and a collection of interesting original notes on botanical subjects.

*Hygienic Physiology*, J. Dorman Steele, Ph. D. New York: A. S. Barnes & Co.—This is a revised edition of the author's "Fourteen Weeks in Physiology." The chief improvement made upon that admirable work is the introduction of chapters, showing the deleterious effects of alcohol, tobacco, and other narcotics upon the several organs of the human system.

*Palaeozoic Fossils*, Vol. III., Part I. By T. J. F. Whiteaves, F. G. S., F. R. S. C., etc. Palaeontologist and Zoologist of the Canadian Geological Survey.