

Doryphora decem-lineata is spreading fast, but will do little damage this year.

Messrs. Fouque and Michael-Levy have demonstrated by experiment that granite, gneiss and their enclosed minerals are not the result of igneous fusion.

The British "Council of Education" has established a committee of Economic Entomology, and among other able members appointed are Profs. Huxley, Westwood, Wrightson and Dyer, and Miss Omerod

Portions of the forest in Picton county have been stripped of leaves by the larvæ of *Chysiocampa sylvaticæ*—the forest-tent caterpillar. Poplars, birches, and alders, have been especially well bared. Some trees are pushing forth leaves again. The larvæ were going into their cocoons about the first of July, and about the end of the month the moths were out busily engaged in depositing their eggs. It would be interesting to know in what other portions of the Province the same destroyer has appeared.

LITERARY NOTICES.

THE DISEASES OF MEMORY. By T. H. Ribot. No 46 of the "Library of Science." Price 15 cents. A profoundly interesting work, full of curious facts. But it is more than that: it is a philosophical study of the phenomena of memory as exhibited in sundry forms of mental disease. It offers a scientific explanation of many abnormal conditions of memory which from time immemorial have puzzled students of mental science. The book will be read with interest by all who believe that "the proper study of mankind is man." We will send the work postpaid on receipt of price.

The *American Naturalist* for July contains as usual over 100 pages of valuable and interesting original matter, and notes on scientific progress. The longer articles are "The Naturalist Brazilian Expedition second paper," "Growth and Developments," "Pearls and Pearl Fisheries." Part II. "Catlimite, its antiquity as a material for tobacco pipes." The general notes on the various branches of Natural Science, occupying over 40 pages, are so numerous and condensed that it is impossible to give an idea of their value in our

limited space. It is but a cyclopædia of current discovery in Natural Science.

HEALTH. Edward Smith, M.D. Halifax, N. S., A. & W. Mackinlay.

We have examined this little volume of nearly 200 pages, and think it to be an excellent little manual, admirably adapted to fill the purpose for which it was designed, viz., "a Handbook for Households and Schools." While the subject that forms the title is being carefully studied by earnest investigators it is a patent fact that its essentials are being grossly neglected by the masses. There is need, therefore, of more popular enlightenment on this subject; and as the foundations of nearly all great social reforms are laid in the school room it becomes incumbent upon the faithful teacher, for the good of society as well as for his own physical well-being, that he both practice these principles himself and teach them to those under his care. He will find this little handbook valuable as a personal guide into the way of health, and also as furnishing topics and matter for a series of school lectures.

EXCHANGE DEPARTMENT.

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I will exchange the following new and second-hand books for minerals: Manual of Geology. Dana. \$4.50. Elements of Geology. Loomis. \$1. Manual of Mineralogy, Dana. \$2. Principles of Zoology. Agassiz and Gould. \$1. Intellectual Philosophy. Abercrombie. 75 cents. Problem of Human Life, Here and Hereafter. Willford Hall, \$2.25. My Schools and Schoolmasters. Hugh Miller. 80 cents.

A. J. PINEO,
Wolfville, N. S.