

## NOTES.

The oldest tree in the world, as far as anyone knows, is the Bo tree, of the sacred city of Annarapoor, in Burmah. It was planted 288, B.C., and is therefore now over 2,170 years old. The King Oak in Windsor Forest, England, is 1,000 years old.

An expedition with Baron Nordenskiöld at its head will be sent out by Dr. Oscar Dickson, to explore the interior of Greenland. Baron Nordenskiöld is confident that in the interior of this ice-covered land an oasis exists, and believes that he can reach it. It is hoped, also, to obtain some traces of the lost Norse colonies, last heard from at the end of the fourteenth century. Their very location is matter of dispute.

## LITERARY NOTICES.

REPORTS OF FRUIT GROWERS ASSOCIATION AND ENTOMOLOGICAL SOCIETY OF ONTARIO are at hand. These are comprised in a bound volume containing some 370 pages filled with valuable information on the culture and propagation of fruits and vegetables and also of forest trees. A well illustrated article on *Insects Affecting Forest Trees*, presented by William Saunders, Esq., the able and enthusiastic President of the Entomological Society, is of especial value. So also are the *Popular Papers on Entomology* in the Society's report.

NOTES ON THE UMONIDÆ FOUND IN THE VICINITY OF OTTAWA, ONT. By F. R. Leachford, B.A. In this valuable paper, reprinted from the transactions of the Ottawa Field Naturalists' Club, nearly all the bivalves of Canadian lakes and rivers are described. Among them is one new species *Umo borealis*—A. F. Gray, first noticed by Mr. Leachford.

THE May number of the "American Naturalist" has come to hand, as usual full of the most interesting matter. "Pampum and its History" and the Naturalists' Brazilian Expedition" will be enjoyable reading for the popular as well as the scientific reader. With the review of "Penhallow's Vegetable History" we can hardly agree in every point. We have been disappointed in it. The items of Natural Science News under their various heads are numerous and valuable, and so condensed that to give a summary of them of them would require a wholesale reproduction.

## Publications Received for the Club Library.

Five copies NOVA SCOTIA GEOLOGY. By Rev. D. Honeyman, D.C.L., F.R.S.C., Curator of the Provincial Museum. From the Author.

Current numbers SCIENCE OBSERVER, (Astronomical.) From Boston Scientific Society.

## EXCHANGE DEPARTMENT.

Every subscriber has the privilege of inserting in this department one notice, not exceeding five lines, each year. Beyond that, and for non-subscribers, the charge is five cents per line.

California Marine Shells and Echinodermus for sale and exchange. Will exchange for Marine Shells from any part of the world. List of species and terms sent free on application.

G. W. MICHAEL, JR.,  
Morro Bay, San Luis Obispo, Co. Cal.

I have specimens of Birds' Eggs, Insects, Minerals and plants to exchange for those from other localities; also fine lot of Live Pupæ.

GRANVILLE GOODING,  
North Livermore, Maine.

I wish exchanges in Minerals and Shells from all parts of the world. Can send Invertebrates from Bay of Fundy and fine Zeolites and other crystallised Minerals of this region.

A. J. PINO,  
Wolfville, N. S.

Named L. S. Fossils and Land Shells in exchange for Minerals, Archæological specimens, U. S. "Continental" and Colonial money, and books in the A. S. C. Course. Actinolite, Agates, Amethyst, Beryl, Fluor spar, Quartz crystals, Rose quartz and Tourmaline especially desired.

W. H. BEAN,  
Lebanon, Warren Co., O.

I have on hand quite a large collection of the Colorado Beetle in alcohol which I made last summer in Maine. I will send specimens to localities where the pest has not yet appeared on receipt of stamps to cover postage.

Editor ACADIAN SCIENTIST.