

CHECK LIST OF CANADIAN PLANTS—By J. M. Macoun. 8vo. Ottawa, 1889. 50c.

A very useful pamphlet has just been issued by our fellow member, Mr. J. M. Macoun, in his complete (and corrected up to date) check list of all the plants which have ever been found in Canada. Mr. Macoun has had exceptional advantages in the preparation of this list. As assistant to his father, Prof. John Macoun, he has had the magnificent collection of the Geological Survey to examine as to doubtful species. The museum has now acquired most of the collections of the early botanists of the beginning of the century. He has also had the benefit of his father's assistance and advice. The use of check lists for all collectors and explorers is very great. With a complete check list all that is necessary, when a new locality is visited, is to put a tick or a date against the name of each species observed during the day, and thus a great labour is saved at a time when the traveller is tired out and disinclined for the tedious work of writing a long list of names. We advise every botanist in the club to secure copies while they are to be had.

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A NEW CRUSTACEAN.

In the Bulletin de la Société Zoologique de France for June, 1883, S. A. Poppe, of Vegesack, Germany, describes a new species of Diaptomus, a genus of fresh-water Copepoda, under the name, *D. Tyrrelli*. It is a small red crustacean, or "water-flea," about a twentieth of an inch in length, with large oar-like antennæ and one eye in the middle of the head in front, but unlike the genus Cyclops, to which it is closely allied; the female carries but one lateral egg-sac. It occurs in great abundance in Summit Lake, near Stephen, in the Rocky Mountains, often coloring the water around the shore a brilliant red. From this lake it was collected by our member, Mr. Tyrrell, of the Geological and Natural History Survey, in the summer of 1883, and in whose honour it is named.