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SOME CANADIAN ANTENNARIAS.—I.

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Several good species not yet described occur in that fine collection of plants which Mr. James M. Macoun brought from the Chilliwack Valley, British Columbia, in the year 1901. Excellent specimens were communicated to me two years since for determination; and I have too long deferred that critical study of them, some of the results of which are subjoined.

A. STEXOLEPIS. Stems of pistillate plant slender, a foot high or more: basal leaves small for the plant, about 1 inch long, narrowly cuneate-obovate or -oblanceolate, acutish, scarcely mucronate, appressed-silky on both faces, most densely so beneath, the indument of the upper face less permanent, commonly lying in rolls in the old age of the leaf; cauline leaves linear and oblong-linear, very acute, erect, an inch long and just equalling the internodes: heads about 8 or 10, large, turbinate, long-pedicelled, forming a very lax cyme; pedicels woolly but not in the least glandular or viscid; base of involucre only very scantily woolly, the narrowly linear bracts only slightly scarious-tipped but the tips acute.

Chilliwack Valley, at 2,000 ft., 30 June, 1901, J. M. Macoun; Geol. Surv. No. 26,187. This has the habit of the rather rare Oregonian *A. pedicellata*, but as to characters of involucre it is very different. The pedicels also, in *V. pedicellata*, are glandular and very viscid, of which peculiarity there is not the faintest trace in the Chilliwack plant.

A. CALLILEPIS. Of nearly the size, and quite the slenderness of the last, the basal leaves larger by one-third and tapering to