

of the forms and their occurrence in the field has shown, that the last mentioned three are hereditary constant and hence probably distinct species, the hitherto called *A. dioica* var. *hyperborea* from Greenland being in some details different from all specimens seen by me of *A. dioica* from Europe or Asia. Having, however, a very restricted access to literature and a still lesser one to collections, I am at a loss to give full particulars concerning the synonymy and distribution of some of the species, and allow me to invite the attention of American botanists to them, as most likely one or another of the species here considered as new may also occur in the eastern parts of arctic or subarctic America.

A more detailed study of the species together with full diagnoses and figures will soon appear in the "Arbejder fra den Danske Arktiske Station paa Disko."

SYNONYMY AND DISTRIBUTION OF THE GREENLAND  
SPECIES OF ANTENNARIA.

1. ANTENNARIA ALPINA (L.) GAERTN.

*West-Greenland*: common to about Disco Bay, hence becoming scarcer and confined to well exposed lowland stations, collected however at Cape York, 76° 07' and in Hayes Sound, on Grinnell Land, 79° 04'.

*East-Greenland*: from the south to about 72°, common in the better investigated places, but *not found in North-East Greenland*.

*America*: Arctic Archipelago up to Melville Island, arctic, subarctic and alpine continental North America, Rocky Mountains, American and Asiatic coasts of Behring Strait, arctic and subarctic East-Siberia to Lena River, whence it seems to be replaced by *A. carpathica*, Altai, reaching the coast again in arctic Russia, Kolgijew, arctic and alpine North-Europe, Iceland, *wanting* on Jan Mayen, Spitsbergen, Nova Zembla, Franz Josef Land and New Siberian Islands; in other words, an arctic alpine, nearly circumpolar species, however, not reaching the northernmost limits for plant-growth.

*A. alpina* var. *Frieseana* Trautvetter: Act. Hort. Petropol. VI. 1879, page 24. *A. monocephala* (DC.) Ledeb. Fl. Ross. II, page 611. *A. alpina* var. *monocephala* (DC.) Torr. & Gray: Fl. of North America II, page 430.