contains the most important centres of the species of this genns. We might quote from DeCandolle's excellent monograph the data as follow: Spanish Peninsula: 18 species, 6 endemic. Italy and Dalmatia: 36 species, 11 endemic. Greece and Asia Minor: 36 species, 21 endemic. France, Corsica and Sardinia: 13 species, none endemic.

With regard to Siberia, II species are known from Ural, 10 from Altai, and 7 from Baikal. Nevertheless, the number of arctic species is extremely small, viz.; C. uniflora L., C. lasiocarpa DC., C. rotundif W. L., var. arctica Lge., and C. groenlandica Berlin; and strange to say, C. inclusives absent from Russia and Siberia with the only exception of Konyam be, where Kjelingst found it, Nova Zembla, and Arakandschetscheie island (C. V-right).

Still the species occurs in Scandinavia, Soft, bergen, Greenland, the north coast of this continent, including the archipelago, a wilder from Labrador to Akeska, and sonth to the Colorado Rocky mountains.

By the structure of the llower and the capsule, besides by the habit, C. uniflora appears to be an ally of C. cenisia L., a native of the alpine regions of the Alps. But it shows no immediate affinity with C. lasiocarpa Cham, except "capsula lateraliter versus apieem dehiscente." DeCandolle regards C. lasiocarpa as an ally of some Siberian species, notably C. Adami Bieb, and C. dasyantha Bieb., but it differs from these, however, by the sinnses of the calvy being only minutely appendiculate; C. lasiocarpa is a native of the alpine summits of the high-northern Rocky mountains and of the northwest coast and islands; C. dasyantha (C. pilosa Pall.) inhabits Alaska and the Alentian islands. Kamtchatka and eastern Siberia; C. Adami, on the other hand, is a native of Cancasus.

We have thus in these species of Campanula, represented in the arctic regions, a commingling of types among which C. uniflora occupies a somewhat isolated position; considering the wide distribution on this continent where it is either arctic or alpine, it seems probable that C. uniflora is a member of the old glacial vegetation, and that the centre of its distribution was located in the arctic regions of this continent. The occurrence of this species in Scandinavia is one of the several cases which Nathorst has mentioned as demonstrating the probable road of migration of the American element across Greenland to Iceland and Scandinavia. With regard to Campunula rotundifolia, this is not an arctic type, judging from its predominant distribution southward, but the species is evidently one of those that accompanied the arctic flora on its retreat to the north. But in the arctic regions C. rotundifolia has developed a type, "C. groenlandica Berl.," which together with the variety arctica Lge, thus represents the species in the far north

As regards C. lasiocarpa on the northwest coast, this is undoubtedly of Siberian origin, as indicated by DeCandolle, and the same is the case of C. dasyantha. The analogy in floral structure, through which these appear to be related to the Cancasian C. Adami, is one of the many instances of analogous structures being possessed by plants at stations ever so remote and resulting, sometimes I believe, in the development of identically the same species.

If we finally consider the Compositae, a score of species is all that the expedition brought home from the north coast, and nowhere in the aretic is this family much in evidence in proportion to its size, some 12,000 species having been described. From arctic Russia and arctic Siberia we have only record of about 50 species according to Ledebour (I.e.), while from the small area of arctic Scandinavia Hartman (i.e.) has emin.crated about 50 species, 18 of which are Hieracia; in Greenland the family is represented by alout 30 species 10 of which are introduced weeds, principally at the colony Ivigtnt.

Alphonse DeCandolle: Monographie des Campasulinées. Paris, 1830.
Kärlväxter, insumlade under den Svenska Expeditionen till Grönland 1883, l.e. p. 50.