

(which is also found, though dwarfish, on the hills,) *Epilobium luteum*, and *Mimulus guttatus* (Willd.\*), *Claytonia unalaschensis* (Fisch.), and *sibirica* (*alsinoides*? Pursh), may be also reckoned here. *Sanguisorba canadensis*, *Lithospermum angustifolium*, &c. belong to the common Flora of America.

Many species of *Grasses* thrive in the low lands, with some *Umbellatae*, such as *Angelica*, *Heracleum*, &c. A dozen *Cariceæ*, scarcely forming a larger proportion of the vegetation than in the north of Germany; some *Scirpi* and *Eriophora* accompany them, with a few *Junci*, in the proportion of about one to two. The *Orchidææ* constitute a groupe of some importance, both because of the number of species and the beauty of the individuals; they prevail both in the vallies and on the hills; and we counted eleven kinds: among them a beautiful *Cypripedium*. Higher north, we did not observe a single plant of this family. Of the *Ferns* we found about eight species; nearer to the Pole there is but one *Filix*, and even of this we only saw a solitary specimen. At Unalaschka there are some *Lycopodia*; in the more arctic regions but one. We found in the lakes many water-plants; *Potamogeton*, *Sparganium*, *Ranunculus aquatilis*, &c.; in the higher latitudes we observed only the two species of *Hippuris*, and the common *Callitriche*.

Two other *Ranuncula*, the *Prunella vulgaris*, a species of *Rhinanthus*, of *Cineraria*, *Achillæa*, *Plantago*, and *Geum*, some *Rubiaceæ*, a *Claytonia*, the *Menyanthes trifoliata*, a *Triglochin*, &c. belong, with the other above-mentioned plants, to the Flora of the vallies of Unalaschka. We saw also a *Bartsia*, apparently different from the *Bartsia pallida* of more northerly situations. To a beautiful plant, which constitutes a new and distinct genus, we gave the appellation of *Romanzoffia unalaschensis*, in commemoration of the noble promoter of all science in Russia. The genera *Rumex*, *Polygonum*, *Aconitum*, *Thalictrum*, some *Alsineæ*, the *Iris sibirica*, *Geranium pratense*, *Comarum pratense*, and *Montia fontana* are distributed all over these arctic regions.

\* The seed of this species, which was raised in the Botanic Garden of Berlin, is said to be brought from Baikal.