

The above table of comparative measurements shows that *A. bicolor* has, in comparison with *A. copeianum*, a longer and still broader head; in spite of this a distance from the axilla to the groin greater than that from the snout to the axilla, a much shorter pelvic region and shorter fore and hind limbs.

Found at Irvington, near Indianapolis, April 7, 1885, by one of my students, Mr. George H. Clarke.

The species is dedicated to Prof. E. D. Cope, herpetologist and paleontologist. It is represented on Plate XIV of this volume.

IRVINGTON, INDIANA, May 5, 1885.

LIST OF PLANTS COLLECTED BY MR. CHARLES L. MCKAY AT NUSHAGAK, ALASKA, IN 1881, FOR THE UNITED STATES NATIONAL MUSEUM.

By FRANK H. KNOWLTON.

The plants enumerated in the following list were collected during the spring and summer of 1881 by Mr. Charles L. McKay, of the United States Signal Service, stationed at Nushagak, Fort Alexander, Alaska. The collection, although small in point of numbers, contains several species of extreme interest, and adds also a few to the flora of Alaska. Nothing like an exhaustive collection was made, owing, of course, to lack of sufficient time, and we remark the absence of many well-known genera, e. g., *Draba*, *Saxifraga*, *Aster*, &c.

In passing it is a pleasure, as well as an act of justice, to record the highly satisfactory manner in which this collection was made, a fact quite at variance with the generality of such itinerant collecting. The greatest care was taken to fully represent every species, which, as in the case of the species of *Salix*, often necessitated visiting the same locality several times. It is to be regretted deeply that science lost by the untimely death of Mr. McKay (he was drowned by the unfortunate overturning of his boat, on April 19, 1882), one so well fitted to do thorough work.

I wish to acknowledge my great indebtedness in the preparation of this list to Prof. Lester F. Ward, of the National Museum; Dr. George Vasey, of the Department of Agriculture; and Mr. M. S. Bebb, of Rockford, Ill.

In the arrangement of families and genera, Bentham and Hooker's "Genera Plantarum" has been exclusively followed. In the arrangement of species, the various publications of Dr. Asa Gray have been followed where available.

RANUNCULACEÆ.

Thalictrum sparsiflorum, Turcz.

Island above tide-water in the Nushagak River. June 25.

Anemone alpina, Linn.

In vicinity of Nushagak. June 9.

Ranunculus Cymbalaria, Pursh, var. *alpinus*, Hook.

Bear Creek. August 14.

Ranunculus Purshii, Richards.

Near the mouth of Lake Allokuagik. August 24.

Ranunculus Lapponicus, Linn.

Near Poplar Grove, south of Nushagak. June 20.

Ranunculus repens, Linn.

In flower along the Nushagak River, 40 miles above Nushagak, June 26. In fruit near the mouth of Lake Allokuagik, August 24.

Catha palustris, Linn., var. *Sibirica*, Regel. (*C. palustris*, L., var. *asarifolia*, in Rothrock's Sketch of the Flora of Alaska.)

June 22.

Aconitum Napellus, Linn., var. *delphinifolium*, Seringe.

Immediate vicinity of station. July 27.

CRUCIFERÆ.

Nasturtium palustre, DC.

Common about Nushagak. In flower July 27.

Barbarea vulgaris, R. Br.

Nushagak River, 40 miles above station. June 25.

Arabis ambigua, DC.

"The Lake." June 16.

Cardamine pratensis, Linn.

Ten miles above Nushagak. June 23.

VIOLACEÆ.

Viola Langsdorffii, Fisch.

June 4.

CARYOPHYLLACEÆ.

Cerastium alpinum, L., var. *Behringianum*, Regel. (*C. vulgatum*, L., var. *Behringianum*, Rothr., Fl. Alask.)

Near the mouth of Lake Allokuagik. August 24.

Cerastium alpinum, L., var. *Fischerianum*, Torr. & Gray. (Probably *C. vulgatum*, L., var. *grandiflorum* of Rothr., Fl. Alask.)

Island above tide water in Nushagak River. June 25.

Stellaria longipes, Goldie.

In flower June 20.

Stellaria media, Smith.

August 3.