

Nicolet, Kingston, Chippewa, (Dr. MacLagen). Hamilton, (Buchan.) River du Loup, (Dr. Thomas.) Banks of the Rivers Moira and Trent, (J. Macoun.) June.

4. A. peploides, LINN.—(*Honkenia peploides*, Ehrh.) *Sea-side sandwort*. Perennial. Stems creeping extensively in the sand of the sea shore, and throwing up erect branches at intervals, and at other times forming tufts. Leaves and stems very fleshy; leaves ovate, half-clasping, acute or mucronate, from $\frac{1}{2}$ '-1' long, nearly half as wide, mostly shorter than the internodes. Flowers small, axillary, on short peduncles. Sepals veinless, exceeding in length the white petals. Atlantic coast from N. Lat. 40° to Labrador and the Arctic Circle. (Torr. & Gray.) Sands of the sea shore from New Jersey to Maine and northward, (Gray.) Labrador, (Brunet.) Kent Co. New Brunswick, (Dr. Fowler.) Sea Shore River du Loup. (Dr. Thomas.) July.

5. A. rubella, Hook.—Var **hirta**, WORMSKIÖLD. *Alpine sandwort*. Perennial. Stems glabrous or pubescent, 2'-3' high. Leaves linear, subulate, obtuse, 2-sulcate, minutely hirsute. Stems 2-3 flowered. Sepals 3-nerved, acute, shorter than the capsule. Petals oblong, a little shorter than the calyx. (Torr. & Gray in Wormsk. in fl. Dan. t. 1646; D. C. prodr. 1. p. 405.) Kotzebue Sound, (Beechey.) Greenland, (Torr. & Gray.) Labrador, Cape Charles, (Brunet.) July.

6. A. arctica, STEVEN.—Perennial, caespitose. Leaves linear-subulate, obtuse, fleshy, margin minutely ciliate. Peduncles glandular, pubescent, 1- (rarely 2-3) flowered. Petals about twice the length of the very obtuse 3-nerved sepals. (Torr. & Gray, in Stev. in D. C. prodr. 1. p. 404.) Arctic coast from Greenland to Behring's Strait. (Torr. & Gray.) A variety has been found on the mountains of Colorado and Utah by S. Watson of King's expedition. Reported as having been detected on the shore of Muscoka Lake by Prof. Hineks. Its occurrence, however, in that locality is exceedingly doubtful, but in deference to his authority we give it a place in the present memoir.

7. A. Greenlandica, SPRENG.—(*Stellaria Greenlandica*, Retz.) Plant caespitose, glabrous. Stems low, decumbent at the base, 1-5 flowered. Leaves very narrowly linear, obtuse. Pedicels filiform. (Spreng. Syst. 2. p. 402.) Summit of the Shawangank, Catskill, and