

HAB. Newfoundland. *Miss Brenton*.—Probably introduced, as well as the former, from the Old World.

3. *S. pallidus*; racemis compositis, pedunculis squamosis, foliis lanceolatis dentatis glabris amplexicaulibus superioribus acuminatis. *Sm.—Willd. Sp. Pl. v. 3. p. 1521. Pursh, Fl. Am. v. 2. p. 502. Sm. in Rees' Cycl. n. 33.—Lactuca Canadensis. Linn. Sp. Pl. p. 1119.*

HAB. Canada. *Linnæus*.—Flowers small, yellow. *Pursh*.

4. *S. alpinus*; radice perenni, foliis amplis lyratis basi cordatis lobo terminali maximo triangulari, pedunculis subracemosis involucrisque glanduloso-hispidis (floribus cæruleis.)—*Linn. Sp. Pl. p. 1117. Pursh, Fl. Am. v. 2. p. 501.—S. cæruleus. Engl. Bot. t. 2425.*

HAB. Canada. *Pursh*.

5. *S. Sibiricus*; radice annua, foliis lanceolatis sessilibus glabris integerrimis dentatis runcinato-pinnatifidisve, pedunculis squamulosis paniculatis involucrisque glaberrimis (floribus cæruleis.)—*Linn. Sp. Pl. p. 1118. Rich. in Frankl. 1st Journ. ed. 2. App. p. 30. Gmel. Fl. Sib. v. 2. p. 11. t. 3.*

HAB. From Lake Huron, (*Dr. Todd*), throughout the whole central part of British North America, to Fort Franklin in lat. 66°. *Dr. Richardson, Drummond, Douglas*. Plains of the Columbia, near the sea. *Douglas*.—This is liable to much diversity in the form of the leaves. The upper ones indeed are always entire, but varying in their relative length and breadth; the lower ones often toothed, pinnatifid, with narrow segments, frequently runcinate. The flowers are numerous, large, handsome, blue. The blue-flowered *Scouthistles* constitute the genus *Agathyreus* of Mr. Don.

6. *S. leucophæus*; foliis sessilibus runcinatis acute dentatis glabris, caule paniculato-virgato, pedunculis racemosis squamosis involucrisque glabris (floribus parvis albis, pappo fulvo.)—*Willd. Sp. Pl. p. 1520. Pursh, Fl. Am. v. 2. p. 501.—β. panicula patentissima.*

HAB. Lake Huron. *Dr. Todd. Dr. Torrey*, in Herb. Nostr. Etchmin, Canada. *Mrs. Sheppard*. Saskatchewan. *Drummond*.—β. Columbia River. *Dr. Scouler*.—This, I think, is certainly the *S. leucophæus* of Willdenow, who aptly compares it with the *S. alpinus* of Smith in Ic. Pl. t. 21, observing that the stem is more branched and paniculato-virgate, the flowers smaller, white, or bluish, which precisely corresponds with our specimens. I possess the same plant, sent by Dr. Torrey, inadvertently, as *Lactuca hirsuta*,* Muhl. I am doubtful about the genus. The foliage and general aspect are those of a *Sonchus*; while the small flowers and pappus look more like those of *Nabalus*; but the former are not pendent, nor the latter of so deep a tawny hue as in that genus. We have cultivated it in the Glasgow Botanic Garden, from seeds collected by Mr. Drummond; and I possess specimens gathered by the Rev. Mr. Schweinitz in Pennsylvania. My single specimen of var. β. is in a very indifferent state of preservation, and may be a distinct species.

2. NABALUS. Cass.

Flores nutantes. Involucrum cylindricum 5–12-florum e squamis erectis uniserialibus basi squamulosis. *Receptaculum* nudum. *Achenia* lineari-oblonga subcylindrica striata. *Pappus* coloratus sessilis scaber.—*Habitus* Prænanthidis, sed flores albidii, involucri pluriflora, flosculi albidii, pappus coloratus fulvus. Folia ampla plerumque petiolata integra sinuata vel pinnatifida.

* Another specimen sent to me afterwards, by the same Botanist, under the name of *L. hirsuta*, is a true Linnean *Lactuca*.

1. *N. racemosus*; caule simplici, foliis indivisis integerrimis vel dentatis inferioribus obovato-oblongis longe petiolatis, petiolis alatis superioribus oblongo-ovatis sessilibus semi-amplexicaulibus, racemo elongato composito, pedunculis involucrisque hirsutissimis.—Prænanthes racemosa. *Mich. Am. v. 2. p. 84. Pursh, Fl. Am. v. 2. p. 500.*—Harpalyce racemosa. *Don, in Ed. N. Phil. Journ. 1829. p. 308.*

HAB. Northern parts of Canada. *Michaux.* Plains of the Saskatchewan. *Dr. Richardson, Drummond.*

2. *N. altissimus*; caule ramoso, foliis trilobis petiolatis angulatis denticulatis margine scabris, racemis axillaribus, floribus nutantibus, involucris subquinquefloris. *Pursh.*—Prænanthes altissima. *Willd. Sp. Pl. v. 3. p. 1537. Pursh, Fl. Am. v. 2. p. 498. Elliott, Carol. v. 2. p. 256.*—*Plukn. Alm. t. 347. f. 2.*

HAB. Canada. *Pursh.* Newfoundland. *Mr. Cormack.*

3. *N. cordatus*; caule superne paniculato, foliis petiolatis cordatis dentatis ciliatis, floribus sessilibus oblongis integerrimis, panicula laxa racemiflora, floribus nutantibus, calycibus 6-fidis 6-floris. *Pursh.*—Prænanthes cordata. *Willd. Hort. Berol. t. 25. Pursh, Fl. Am. v. 2. p. 498. Elliott, Carol. v. 2. p. 257.*

HAB. Canada. *Goldie.*—Mr. Pursh acknowledges this to be an intermediate species between the preceding and *N. albus*.

4. *N. alatus*; annuus, caule simplici, foliis longe petiolatis acutissimis deltoideis sinuato-dentatis, petiolis alatis, panicula laxa parva, pedunculis involucrisque pubescenti-hirsutis. (TAB. CII.)

Radix parva, subfusiformis, ut videtur, annua. *Caulis* simplex, erectus, glaber, pedalis et ultra, superne paniculatus. *Folia* sublonge petiolata, membranacea, glabra; *superiora* sparse pubescentia, deltoidea, acutissima, sinuato-dentata, angulis acutis subdeflexis; *suprema* lanceolata, sessilia, integerrima. *Panicula* parva, laxa. *Pedunculi* pubescenti-hirsuti. *Flores* nutantes, majusculi (albi?) *Involucrum* cylindraceum, foliolis squamisque pubescenti-hirsutis. *Flosculi* 7-9, apice 5-dentati. *Styli* exserti. *Achenia* linearia, striata. *Pappus* scaber, pallide fulvus; pilis numerosis.

HAB. Fort Vancouver and Observatory Inlet, on the North-West coast of America. *Dr. Scouler.*

TAB. CII. *N. alatus.* *Fig. 1,* Flower; *fig. 2,* Fruit; *fig. 3,* Hair from the pappus:—*magnified.*

5. *N. albus*; foliis radicalibus angulato-hastatis dentatis sublobatis, caulinis subrotundo-ovatis dentatis petiolatis summis lanceolatis, panicula laxa, fasciculis terminalibus nutantibus, involucri 8-phyllo 9-10-flori. *Pursh.*—Prænanthes alba. *Willd. Sp. Pl. v. 3. p. 1536. Pursh, Fl. Am. v. 2. p. 499. Sims, Bot. Mag. t. 1079, (excell.) Elliott, Carol. v. 2. p. 259. Bigel. Fl. Bost. ed. 2. p. 259.*

HAB. Lake Huron. *Dr. Todd.* Quebec. *Lady Dalhousie, Mrs. Percival.* Newfoundland. *Mr. Cormack, Miss Brenton.*

6. *N. serpentarius*; foliis dentatis asperis (?) radicalibus palmato-sinuatis caulinis longe petiolatis sinuato-pinnatifidis subtrilobis lacinia intermedia 3-partita summis lanceolatis, racemis terminalibus subpaniculatis brevibus nutantibus, involucri 8-phyllo 12-flori.—Prænanthes serpentaria. *Pursh, Fl. Am. v. 2. p. 499. t. 24.*

HAB. Lake Huron. *Dr. Todd.* Quebec. *Mrs. Percival, Sillery, Mrs. Sheppard.* Newfoundland. *Mr. Cormack.*—Our specimens, from the localities now mentioned, so exactly accord with the figure above-quoted of Pursh, that I cannot at all question their being the true *Prænanthes serpentaria*; and



Narbalus alatus.