che servono di base sicura di aggruppamento. L'estrema varietà della specie invero fa dei *Daucus* uno studio difficilissimo che disanima; bisogna però maggiormente curare, non già trascurare.

XII. N. Busch, *Arabis* sect. nov. *Alliariopsis*.

(Ex: Mon. Jard. Bot. Tiflis, Livr. 6 [1906], pp. 1—23.)

Sect. *Alliariopsis* Busch, l. c., p. 7.

Calyx bisaccatus. Petala calyce 3—3½-plo longiora. Siliquae planissimae. — Herbae perennes albiflorae foliis latis, rotundatis v. late-ovatis, basi cordatis, habitu *Alliariae*.

1. *Arabis Christiani* Busch, l. c., p. 7.

Syn.: *A. mollis* Stev. in Mém. Soc. Natur. Moscou, III (1812), 270. — D. C., Pr., I, 143. — M. B., Fl. t. c., III, 448. — C. A. Meyer, Verz. d. Pflz., 178. — Ledeb., I, 117. — Овер. и Сит. Русск. — Кавк. Фл., I, 89. — Boiss., I, 177. — Rupr. Fl. Cauc., 72, 289. — Trautv. in A. H. P., IV, 1, p. 104; V, 2, p. 405. — Ломак. Фл. Карабах. 10. — Липск. Фл. К. IV. 1. — Radde, Mus., II, 50 (part.) [non. (Scop.) Kern.].

Sub lente tota pube stellata obsita; caule erecto, 15—40 cm alto, simpliciter v. parce ramoso, collo nudo. Foliis teneris radicalibus 2—6 cm longis 2½—8 cm latis, longe petiolatis, cordatis, late-ovatis v. subrotundis v. transverse latioribus, grosse et obtuse dentatis, caulinis ovatis, cordato-amplexicaulibus, acute inciso-dentatis, 3—10 cm longis, 2—5½ cm latis. Petalorum limbo patente, obovato; petalis 12—16 mm longis. Siliquis maturis 4—5 cm longis 2½ mm latis, torulosis, inter semina sinuatis, marginibus incrassatis, stylo brevissimo, ½—1 mm longo, apiculatis pedicellis fructiferis 6—10 mm, rarissime (inferioribus) 13 mm longis. Seminibus orbiculatis, ad 2 mm longis, ca. 1½—1¾ mm latis, planissimis, rufescentibus v. nigris, ala membranacea, ⅙—⅓ mm lata, cinctis. ♀. v. s. in. h. P. A. J. Th. S.

Daghestan!, Prov Baku, distr. Kuban! Karabagh!

2. *Arabis albida* Stev. f. *gymnostachya* Busch, l. c., p. 15.

Racemo glabro.

3. *Arabis albida* Stev. f. *trichostachya* Busch, l. c., p. 15.

Racemo piloso.

4. *Arabis albida* Stev. var. *hebecarpa* Busch, l. c., p. 18.

Syn.: *A. albida* Stev. var. *dasycarpa* Rupr. Fl. Cauc. (1869), 71. Nomen negligendum, quia var. *dasycarpa*, ab Andrzejowskio descripta anno 1822 in Bess. Enum., 72, No. 1560, jam in specie *A. auriculata* existit.

Racemo pubescente; siliquarum valvulis minute puberulis. ♀. v. s. in. h. A. J.

5. *Arabis albida* Stev. var. *flaviflora* (Bge.) Trautv. f. **glabra** Busch, l. c., p. 19.

Caule et foliis glabrescentibus.

6. *Arabis albida* Stev. var. **dolichothrix** Busch, l. c., p. 19.

Caulibus et petiolis foliorum inferiorum longe patentim-hirsutis; racemo hirsuto. $\mathfrak{A}$. v. s. in h. Tm.

7. **Arabis Billardieri** DC. (restituenda!). (Sectio *Euarabis* C. A. Meyer). Descriptio emendata Busch, l. c., p. 20.

Syn.: *A. albida* ξ . *Billardieri* Boiss. Fl. Or., I (1867), 175.

Icon.: Delessert, tab. 24!

Exsicq.: Ch. Haussknecht, It. Syriaco-Armeniacum (1865). Syria bor., Ssoffdagh! (teste Boiss.).

Cano-tomentosa; caulibus 25—30 cm altis, tenuibus, infra pubescentibus, supra glabris; foliis radicalibus albo-tomentosis, 2—4 cm longis, 8—15 mm latis, obovatis, obtusissimis, in petiolum attenuatis, caulinis basi auriculatis, sessilibus, 3—4 $\frac{1}{2}$ cm longis, 1—2 $\frac{1}{2}$ cm latis, tenerioribus, minus tomentosus, omnibus utrinque 3—4-dentatis. Racemo glabrescente. Siliquis anguste-linearibus, glaberrimis, 3—5 cm longis, 1 mm latis, pedunculo suo 3—5-plo longioribus, stylo $\frac{1}{2}$ — $\frac{3}{4}$ mm longo apiculatis; stigmatate parvo, capitato. Seminibus oblongo-subrectangulis, 1 mm longis, 0.6—0.7 mm latis, immarginatis. $\mathfrak{A}$. v. s. in h. P.

D. C., Syst., II (1821), 218.

Hab. in prov. Kars (Armenia rossica).

Asia Minor (Lycia! Amasia!), Syria bor.! Libanon et Antilibanon.

Novitas pro Flora Caucasica. Affinis *A. albidæ*, sed indumento, siliquis angustioribus et longioribus et seminum forma aliena et magnitudine minore manifestissime distincta. In diagnosi cel. Boissieri (l. c.) folia basi utrinque 1—2-dentata nominantur, sed haud recte; in speciminibus Ch. Haussknechtii, a cel. Boissiero visis, et in omnibus aliis folia utrinque regulariter, nec basi tantum, 3—4-dentata!

XIII. A. A. Eaton, *Epipactis*, *Serapias* atque *Serapiastrum*. Commutationes nomenclatoriae.

(Ex: Proc. Biol. Soc. Washington, XXI [1908], pp. 63—68.)

Der Verfasser hält auf Grund seiner Studien nach dem Wiener Codex folgende nomenklatorischen Änderungen für notwendig:

Epipactis (Haller) Böhmer.

The name *Epipactis* appears to have been first used since 1753 by Böhmer in the third edition of Ludwig's Definitiones Generum Plantarum. Although he makes no binomial combination, his genus is properly made and he gives several references to the plant designated by Linnaeus as