

PLUMBAGINEÆ EUROPÆÆ.

Auctore VICTORE de JANKA.

- I. Scapi simplices monocephali, sub capitulo vagina subulata reversa involuti; spiculæ 1-bracteatae, styli triente inferiore barbati vel plumosi (usque ad basin 5-partiti):

ARMERIA.

1. «*Macrocentron*: calyx pedicello oblique insertus, infra insertionem productus in calcar attenuato-subulatum hirsutum pedicello contiguum et tubi longitudinem dimidiam saltem æquans, latere interiori pedicelli contactu foveola anguste lineari longa excavatus» (Boissier in DC. Prodr. XII p. 674). --- --- --- 2
 «*Plagiobasis*: calycis pedicello oblique inserti basis plus minus oblique truncata, latere interiori pedicelli contactu foveola brevi oblonga, ovata vel rotunda excavata» (Boiss l. c. p. 677). --- 13
2. Phylla (involucri) externa interiora æquantia acuminato-cuspidata vel aristata --- --- --- --- --- --- --- --- --- 3
 Phylla vel sensim aucta vel exteriora dimidio breviora, pleraque obtusissima --- --- --- --- --- --- --- --- --- 5
3. Folia angusta, lineari-lanceolata ad summum, costæ tubi calycini omnes 10 pilosæ; species basi suffrutescentes --- --- --- --- --- 4
 Folia latiora; costæ calicynæ 5 primariæ solum pilosæ; haud suffrutescens: --- --- --- --- --- --- --- --- --- *Armeria gaditana* Boiss.
4. Caules dense foliati, parte nuda vix exserti; limbus calycinus vix distincte lobatus erosus, abrupte mucronulatus; tota planta velutino-tomentosa: --- --- --- --- --- --- --- --- --- *A. cinerea* Boiss. et Welw.
 Caules nudi folia superantes; limbi calycini lobi 3-angulares mucronulati; planta glabra: --- --- --- --- --- --- --- --- --- *A. Welwitschii* Boiss.
5. Limbi calycini lobi obsoleti vel indistincti, mucronati vel mutici 6
 Calycis lobi distincti. 7.
6. Folia ut plurimum elongata anguste linearia vel setacea (6—10 poll. longa, lineam lata) 1-nervia; bracteæ interflorales obsoletæ:
A. macrophylla Boiss. et Reut.

- Folia abbreviata oblongo-lanceolata (2—4 poll. longa, 2—3 lineas lata) plurinervia; bracteae interflorales calyces interiores aequantes *A. velutina* Welw.
7. Limbus calycinus tubo aequilongus vel longior 8
 Limbus calycinus tubi dimidiam vix superans... .. 12
8. Folia scapo semper angustiora plus minusve arcuata vel flexuoso-curveda; species suffrutescentes 9
 Folia latitudine scapi vel latiora (3-nervia)... .. 10
9. Folia hirtula lineari-setacea canaliculato 3-quetra elongata; scapi elati; involucrum coriaceum velutinum *A. pinifolia* R. et Sch.
 Folia glabra subcompressa abbreviata flexuoso-curveda; scapi humiles semper arcuato-ascendinges; involucrum omnino scarosum *A. arcuata* Welw.
10. Bracteae interflorales deficientes; involucri phylla pallida anguste marginata [aristae lobis calycinis breviores; folia (2-formia: primaria latiora) flaccida] *A. Boissieriana* Coss.
 Bracteae interflorales + evolutae; folia haud flaccida 11
11. Bracteolae interflorales minutae pedicellos fructiferos vix superantes; lobi calycini validiuscule (breviter) mucronati (folia rigida) *A. baetica* Boiss.
 Bracteolae interflorales totum calycem subaequantes; lobi calycini tenuiter longe aristati *A. rumelica* Boiss.
12. Bracteolae interflorales fere omnino deficientes; scapi graciles
A. pungens R. et Sch.
 Bracteolae interflorales minimae, tamen fere pedicellorum fructiferorum longitudine; scapi fistulosi: *A. fasciculata* Willd.
13. Folia subjuniperino-triquetra columnari-imbricata; scapi e caespite vix exserti; capitula subsessilia («limbus calycinus e sinubus aristatus») *A. caespitosa* Boiss.
 Folia elongata haud aceroso-triquetra; scapi elatiores 14
14. Tubi calycini costae 5 principales solum pilosae, reliquae intervallaque glaberrimae; folia conformia lata, lanceolata; (calycis limbus subtruncatus, lobi latissimi brevissimi, aristae brevissimae mucroniformes, crassiusculae, incurvae) *A. sancta* Janka.*

* E rupibus maritimis pr. coenobium Lavra ad ped. m. Athos. — Specimina a celeberr. Boissier in Fl. or. IV, pag. 873 infauste ad var. brachyphyllam *Armeriae majelensis* Ten. — A Orphanidis Boiss. relata. — Planta athoa foliis semper uniformibus atque praecipue *costis calycinis 5 solum pilosis* et aristis brevissimis introrsum curvis distinctissima! Quoad calycem ad costas primarias tantum pilosum cum *A. cariensi* Boiss. convenit, quae vero ob cicatricem linearem ad aliam sectionem pertinet. — Habitu nova species plane *A. Gussonei* similis.

- Costæ calycinae omnes 10 pilosæ 15
15. Involucri phylla 2—3 infima cæteris longiora totumque florum capitulum in alabastro juvenili longiuscule superantia ... 16
 Involucri phylla exteriora capitulum haud, vel rarissime breviter excedentia 17
16. Folia lineari-lanceolata *A. plantaginea* Willd.
 Folia linearia *A. elongata* Willd.
17. Costæ calycinae secundariae indistincte, saltem parcius vel obsolete pilosæ (flores albi). 18
 Costæ omnes 10 æqualiter pilosæ 19
18. Folia conformia (latiuscule lineari-lanceolata); phylla involucrancia fere ex toto herbacea *A. pubinervis* Boiss.
 Folia difformia [exteriora (primaria) lanceolata vel lanceolato-linearia, — interiora linearia v. lineari-setacea]; phylla involucralia bracteæque niveo-splendentes ... *A. argyrocephala* Wallr.
 (A. undulata Boiss.)
19. Phylla involucralia exteriora longe attenuato-acuminata, cuspidato-aristata vel pungenti-mucronata 20
 Phylla involucralia exteriora acutiuscula brevius cuspidata vel mutica 22
20. Lobi calycini obsoleti (ergo limbus calycinus subtruncatus); folia glaberrima *A. latifolia* Willd.
 Lobi calycini elongati; folia \pm pilosa vel ciliata (flores albi) 21
21. Phylla involucralia subpungenti-mucronata; folia 2-formia (vetusta vel primaria novellis latiora) *A. villosa* Gir.
 Phylla involucralia molliter i. e. inermi-aristata, folia conformia *A. longearistata* Boiss
22. Longearistatæ: aristæ lobos calycinos æquantés vel superantes 23
 Breviaristatæ: aristæ lobis calycinis breviores 32
23. Folia brevia latave latitudine 3-plo circiter longiora *A. Morisii* Boiss.
 Folia elongata angustiora 24
24. Folia omnia conformia 25
 Folia primaria novellis latiora 29
25. Folia linearia vel anguste lineari-lanceolata 26
 Folia latiora 28
26. Involucri phylla subæquilonga pallida; folia acuta vel mucronata; flores albi 27
 Involucri phylla («exteriora dimidio breviora») bracteæque rubellæ vel purpurascentes; folia obtusata; flores purpurascents *A. alpina* Willd.

27. Bracteolæ interflorales valde elongatæ phylla involucralia longe superantes; folia recta: --- --- --- --- *A. leucocephala* Koch.
 Bracteolæ interflorales haud ita elongatæ; folia curvata
A. ruscinoensis Gir.
28. Limbi calycini tubo æquilongi truncati lobi brevissime 3-angulares (flores albi) --- --- --- --- --- --- *A. allioides* Boiss.
 --- --- --- --- --- --- *A. bupleuroides* Godr. et Gren.
 Limbi tubo longioris lobi ovati --- --- --- *A. macropoda* Boiss.
29. Folia obtusa («phylla involucralia fere æquilonga»); limbi calycini nervi versus mediam loborum evanidi --- *A. majellensis* Boiss.
 Folia acuta --- --- --- --- --- --- --- --- 30
30. Phylla involucralia interna late membranacea externis duplo longiora; limbus calycinus tubum æquans --- --- --- --- --- --- 31
 Phylla involucralia sensim aucta anguste membranacea; limbus calycinus tubo brevior (folia 3-nervia) --- *A. canescens* Boiss.*
31. Folia 1-nervia --- --- --- --- --- --- --- --- *A. nebrodensis* Guss.
 Folia 3-nervia --- --- --- --- --- --- --- --- *A. Orphanidis* Boiss.
32. Folia lata, oblongo-lanceolata vel lanceolato-lineararia --- --- --- 33
 Folia anguste lineararia --- --- --- --- --- --- --- --- 34
33. Phylla involucralia scariosa; folia 5—7-nervia --- *A. Gussonei* Boiss.
 Phylla involucri coriacea; folia 3-nervia --- *A. cantabrica* Boiss.
34. Folia difformia --- --- --- --- --- --- --- --- 35
 Folia conformia --- --- --- --- --- --- --- --- 39
35. Phylla involucralia omnia æquilonga vel subæquilonga --- --- --- 36
 Phylla involucri sensim aucta --- --- --- --- --- --- --- --- 37
36. Phylla involucralia dorso herbacea pleraque acutissima; lobi calycini ob limbum subtruncatum obsoleti abrupte aristulati
 --- --- --- --- --- --- --- --- --- --- *A. denticulata* Bert.
 Phylla involucralia scarioso-membranacea, interiora obtusissima; lobi calycini distincte ovati --- --- --- --- --- *A. juncea* Gir.
37. Phylla involucri omnia dorso excurrente + longe mucronata; limbus calycis tubum æquans --- --- --- --- --- --- *A. Durieui* Boiss.
 Phylla interiora obtusa vel retusa; limbus calycinus tubo brevior --- --- --- --- --- --- --- --- --- --- 38

* Species etiam in Italia indigena: *Armeria* floribus roseis a me in provinc. Lucania Ital. inferioris, in Apennini cacuminibus lapidosis (inter Laviano et Muro d. 22. Jun. 1874 m. Eremito) lecta certe ad *A. canescens* Boiss. pertinere. — Corolla quidem «constanter alba» (cfr. Boiss. in DC. Prodr. XII. p. 686) debet esse, tamen roseas video in ipsis speciminibus dalmaticis Pichlerianis 1870 lectis. — Eandem exacte plantam e Calabria rite ad speciem dalmaticam retulerunt jam a 1877 Huter, Porta et Rigo sec. schedulam collectorum ex itinere italico III n. 305 b «e Calabriae orient. distr. Castrovillari pasc. silvat. 18. Jun mte Cotorrocte».

38. Lobi calycini obsoleti abrupte aristulati *A. sardoa* Spreng.
 Lobi calycini 3-angulares attenuato-aristulati ... *A. filicaulis* Boiss.
39. Folia rigida (v. rigidula) triquetra, juniperina *A. pubigera* Boiss.
 Folia haud 3-quetra 40
40. Involuceri phylla \pm rubella omnino scariosa (capitula parva) 41
 Phylla involucralia exteriora dorso herbaceo excurrente acutiuscula; pedicellus tubum calycinum æquans (capitula majuscula) *A. maritima* Willd.
41. Phylla involucralia sensim aucta; folia mucronulata 42
 Phylla exteriora 2-plo breviora; folia obtusa vel obtusiuscula 43
42. Capitula vix pisi magnitudine *A. Langei* Boiss.
 Capitula ampliora *A. multiceps* Wallr.
 (A. Kochii Boiss.)
43. Scapi recti crassiusculi; involuceri phylla rotundata *A. sibirica* Turcz.
 Scapi tenuissimi flexuosi; phylla ovata *A. splendens* Boiss.

Scapi vel caules ramosi; spiculæ 3-bracteatae; styli glabri vel papilloso-asperi II

- II. Caulis elatus foliis plerisque ample auriculato-amplexicaulibus alte vestitus; flores ad ramorum apicem subcapitato-spicati; corollæ hypocraterimorphæ tubus calycem longe superans; *stylus simplex*, dimidio inferiore papilloso-hirtulus **PLUMBAGO** *europæa* L.

Scapus, vel caulis solum squamatus, rarius basin versus foliatus vel altius, sed tunc folia semper basi attenuata, haud ita auriculata; *stylus ad medium vel profundius divisus* III

- III. Folia brevia angustave acerosa, plerumque juniperina subulato-triquetra, rarius planiuscula; (suffruticulus cæspitosus erinaceus: scapi vix e cæspite exserti apice spicas brevissimas usque 8-spiculatas gerentes); styli basi inter se coalitæ læves, *stigmata subcapitata*; bractee indivisæ ... **ACANTHOLIMON** *Echinus* Boiss.

Folia nunquam acerosa, latiora; scapi vel caules elatiores IV

- IV. Ob bracteam intermediam minutam lineari-triuetram infima fere omnino occultam solum duæ exteriores amplæ spectabiles; *styli ad medium usque connati* glabri, stigmatibus filiformi-cylindricis (corolla usque ad faucem gamopetala, caulis alte, rami ramulique crebre foliati) ... **LIMONIASTRUM** *monopetalum* L.

Bractee tres sursum majores distinctissimæ; scapi aphylli vel caules ima basi confertius foliati; *styli omnino vel usque ad imam basin liberi* V

- V. Bractee interiores 3-cuspidatæ, vel præter cuspidem 1—2 terminales lateraliter angulato-auriculatæ; *styli tota longitudine papilloso-asperi; stigmata capitata*:

GONIOLIMON.

1. Humile, vix 2-pollicare, foliorum lamina 3—4 lin. longa, panícula pollicaris, spiculæ paucæ fasciculatæ; bracteæ excurvæ; calycis tubus obsolete glandulosus *Goniolimon Sartorii* Boiss.
 Majora 2
2. Spiculæ (2—3) fasciculatæ; tubus calycinus glaber demum dimidio superiore e bracteis exsertus 3
 Spiculæ spicatæ; tubus calycinus ad costas + villosulus bracteis altius involutus... .. 4
3. Spicularum fasciculi confertiusculi; corollæ limbo calycino concolores albæ! *Goniolimon collinum* Boiss.
 (G. dalmaticum Boiss. Fl. orient. — minime Rehb. fil.)
 Spicularum fasciculi inter se remoti; corollæ limbo calycino discolores persicinæ! *G. Besserianum* Nyman.
 (Statice Besseriana R. et Sch.)
4. Spiculæ lineari-spicatæ, rami apice scorpioidei flexiles 5
 Spicæ abbreviatæ ovales; rami effusi divaricato-patuli rigidissimi bracteisque horridi... .. *G. dalmaticum* Rehb. fil.
 (Statice dalmatica Presl.)
5. Bracteæ intimæ cuspidæ 2 tantum evolutæ, tertia (lateralis) ad dentem 3-angulum membranaceo-marginatum reducta; sinus inter cuspidæ membranaceæ: *G. Beckerianum* Janka.
 (Statice incana Becker pl. exs. e Sarepta ad Wolgam inferiorem — non L.)
 Bractea intima semper 3-cuspidata; sinus inter cuspidæ herbaceæ *G. tataricum* Boiss.
 (Statice tatarica L.)

Bracteæ indivisæ vel rarius intima ad summum repando-marginata: *styli glabri; stigmata filiformi-cylindracea*:

STATICE:

1. Scapi apice foliaceo-alati; ramuli florales 3-alato-obpyramidati ancipiti-complanati 2
 Scapi ramulique florales haud foliaceo-alati 3
2. Calycis limbus roseus indivisus *Statice sinuata* L.
 Limbus calycinus albus profunde 10-dentatus *St. Thouini* Viv.
3. Inflorescentiæ rami ramulique fere a basi jam squamulis hyalinis innumeris oculo nudo vix extricabilibus dense imbricatim vestiti; folia basilaria angustissime linearia fugacia 4

- Inflorescentiæ rami haud ita dense squamati; folia basi-
laria latiora, haud linearia plerumque persistentia... 5
4. Flores in ramorum apicibus densissime corymboso-conferti
paniculam myriantham formantes; squamulæ tenuissime
elongate aristato-caudatæ, quasi pilo terminatæ ... *St. ferulacea* L.
Flores versus ramorum extremitates laxè racemoso-spicati
axi communi ipso apice sterili superati; squamulæ breviter
aristatæ ... *St. diffusa* Pourr.
5. Florum arcte imbricatorum glomeruli vel capitula interrupte
spicati ... *St. suffruticosa* L.
Inflorescentia haud racemoso-spicata ... 6
6. Petala usque ad limbum in tubum elongatum calycem mani-
feste excedentem laxè connata. — Herbæ fragillimæ, ramis
inferioribus sterilibus numerosis, corollis pulchre roseis post
anthesin non corculatis, calycis cylindraceo-tubulosi vel
tubuloso-infundibuliformis limbo omnino exserto bracteam
interiorem duplo vel fere duplo superante ... 7
Petala ima basi solum connata, cæterum libera, calyx
bracteam intimam minus excedens ... 8
7. Paniculæ amplæ ramosissimæ ramuli graciles scorpioidei; spi-
culæ graciles, angustæ 1-floræ numerose spicatæ; tubus calycinus
glaber... *St. cæsia* Girard.
Paniculæ subpyramidatæ rami validiusculi erecti; spiculæ
robustæ plerumque 2-floræ in ramulis paucæ; tubus calycinus
puberulus... *St. insignis* Coss
8. Limbi calycini sinus denticuliferi; limbus ideo quasi inæquali-
ter 10-lobus ... 9
Dentes inter lobos calycinos nulli; fere omnes palminerviæ 14
9. Planta humilis, gracilis, folia pollice breviora vel parum longiora,
lanceolata, acuta spinula tenui 2—3 lineas longa terminata
margine crispatula, scapi squamæ atque ramorum ramulo-
rumque spinuloso-mucronatæ ... *St. spinulosa* Janka
(*St. spec. nova e ditone Flumineusi herb. Sadler n. 10804 mus. nat. hungar.*)
Elatiores vel robustiores, haud ita spinulosæ, foliis penni-
nerviis ... 10
10. Lobi calycini acuti vel acutiusculi ... 11
Calycis lobi rotundati obtusissimi ... 13
11. Scapus angulatus; spiculæ valde inter se dissitæ (bracteæ
inferiores fere æquilongæ, suprema 2-plo longior; calyx undique
pilosus) ... *St. bahusiensis* Fries.
Scapus teres; spiculæ approximatae vel confertæ; calyx ad
costas 2 pilosus ... 12

12. Spiculæ in panicula densa stricta subcorymbosæ; bracteæ
2 inferiores subæquilongæ, suprema 2-plo longior ... *St. Limonium L.*
Paniculæ laxæ haud corymbosæ rami patuli recurvi; bractea
infima secunda fere 2-plo-, suprema 3-plo brevior... *St. serotina Rchb.*
13. Tomentella; bractea infima ovato-3-angularis cuspidata dorso
herbacea *St. tomentella Boiss.*
Glabra; bractea infima ovato-rotunda fere omnino mem-
branacea... .. *St. Gmelini Willd.*
14. Rami steriles nulli vel pauci, simplices vel parum ramosi,
semper arrecti vel stricte ramosi 15
Rami steriles numerosi, articulato-multifidi, ut plurimum
flexuoso-divaricato-ramosissimi 42
15. Spiculæ (saltem pleræque) subinordinate corymbuloso-fascicu-
latæ divergentes vel divaricatæ 16
Spiculæ regulariter (pectinatim) parallele ordinatæ 18
16. Limbus calycinus tubo subæquilongus vel longior 17
Limbus calycinus tubo multo brevior; (folia ampla, bractea
superior infima 3-plo longior; spiculæ 2—5-floræ) *St. corymbulosa Coss.*
17. Spiculæ 1-floræ; bractea superior infima 4-plo longior; lobi
calycini nervis validis percursi; tubus ad costas longiuscule
patuleve hirsutus (folia parva semper mucronata, obovato-
spathulata) *St. Sibthorpiana Guss.*
Spiculæ 2—3-floræ; bractea superior infima 6-plo longior;
limbi calycini nervi longe ante apicem evanidi; tubus ad costas
pilosus (folia ampla) *St. ovalifolia Girard.*
18. Spiculæ plerumque approximativissimæ eximie regularissime
distiche imbricatæ (rarissime: in sola *St. occidentali* laxius
dispositæ, sed tunc paniculæ rami strictissimi!) 19
Spiculæ haud talimodo distichæ nec ita compactæ... .. 24
19. Spiculæ approximativissimæ spicas crassas compactas abbreviatis
formantes; bracteæ obtusissimæ; spiculæ eximie regularissime
distiche imbricatæ 20
Spicæ \pm elongatæ lineares vel sublineares minus compactæ;
bracteæ \pm acutæ 21
20. Tota planta (præter folia) pilis brevibus subfasciculatis albis
tomentella (rami inferiores steriles); spicæ ovato-oblongæ;
bractea superior cuneato-obovata subretusa; paniculæ rami
stricti *St. Dufourei Girard.*
Glabra; rami (steriles nulli) patuli; bractea superior sub
apice obsolete mucronulata (folia parva ovata acuta longiuscule
petiolata) *St. Girardiana Guss.*
21. Rami strictissimi (spicæ lineares)... .. 22

- Rami patuli vel excurvi recurvique --- --- --- --- --- 23
22. Spicæ crassæ robustæ; bracteæ albo-marginatæ; spiculæ eximie distiche dense imbricatæ; antheræ sublineares (folia obovato-spathulata obtusissima mutica vel apice brevissime mucronata) *St. Dodartii Girard.*
- Spicæ tenues graciles; bracteæ (superior exteriore i. e. infima 2-plo longior) nitide rubello-marginatæ; spiculæ minus regulariter laxiusque imbricatæ; antheræ ovatæ (folia lanceolato-spathulata acutiuscula longiuscule setaceo-apiculata) *St. occidentalis Lloyd.*
23. Bractea infima acutiuscula; paniculæ rami patuli *St. lychnidifolia Girard.*
- Bracteæ acutæ (brunneæ, rufescenti-marginatæ); spicæ strictiusculæ... --- --- --- --- --- *St. densiflora Guss.*
(*St. oxylepis Boiss.*)
24. Lobi calycini nervis validis rufescentibus limbum cæterum + perdurantibus atque indurantibus percursi... --- --- --- --- --- 25
Lobi calycini nervi haud indurantes... --- --- --- --- --- 27
25. Calycis tubus spinis 5 apice hamatis (i. e. nervis cætero limbo cito emarcido persistentibus valde induratis) patulis terminatus (spiculæ graciles longiuscule cylindræ, curvulæ, inter se valde dissitæ; herba tenella annua)... --- --- --- --- --- *St. echioides L.*
- Limbus calycinus minus fugax, nervique calycini minus rigidi nec ita manifeste hamati; spiculæ breviores; herbæ perennes --- --- --- --- --- 26
26. Limbi calycini nervi usque ad apicem lorum producti, apice uncinato-inflexi; bractea infima suprema 3-plo brevior: *St. Companionis Gren.*
- Limbi calycini nervi paulo ante apicem lorum evanidi apice recti — haud uncinatuli; bractea infima suprema 5-plo brevior --- --- --- --- --- *St. duriuscula Girard.*
27. Bracteæ superiores acutæ vel mucronulatæ (folia margine revoluta) --- --- --- --- --- 28
Bracteæ superiores obtusissimæ --- --- --- --- --- 30
28. Paniculæ rami gracillimi patenti-recurvi; folia majuscula obovato-spathulata --- --- --- --- --- *St. psiloclada Boiss.*
(*St. panormitana Todaro.*)
- Paniculæ rami strictiusculi firmiores; folia parva... --- --- --- --- --- 29
29. Bractea suprema infima apice patula 3-plo longior; limbus calycinus tubum æquans, lobis profundis lanceolatis acutis; folia oblongo-spathulata apica retusa vel emarginata --- *St. minuta L.*
- Bractea suprema infima adpressa 5-plo longior; limbus

- calycinus tubo dimidio brevior, lobis oblongis obtusis; folia angustissima, lineari-oblonga, obtusa vel acuta (scapi humillimi, panicula depauperata divaricata!)... --- --- --- *St. rupicola* Badarro.
30. Folia amplissima penninervia; herba tota molliter velutina, bractea fere omnino albo-hyalina; panicula ampla dissitiflora *St. latifolia* L.
Folia palminervia parva; indumentum nullum; bractea magis herbacea... --- --- --- --- --- --- --- 31
31. Bractea suprema infima 5-plo longior (spiculae in paniculae diffusae ramis ramulisque gracillimis arcuato-excurvis manifeste dissitae!) --- --- --- --- --- --- --- *St. salsuginosa* Boiss.
Bractea suprema infima 2—3-plo longior --- --- --- --- --- --- --- 32
32. Spiculae valde inter se dissitae, rami simplices vel subsimplices pauciflori; bractea suprema arcte involuta: spiculae cylindricae, graciles --- --- --- --- --- --- --- --- --- --- --- 33
Spiculae (pleraque saltem) + imbricatim confertae v. subconfertae... --- --- --- --- --- --- --- --- --- --- --- 34
33. Spiculae maximae, fere semipollicares; bractea tenerae late membranaceae (obtusissimae; folia carnosae cuneato-spathulata in petiolum longe attenuata apice acute emarginata; caudex fruticulosus lignescens) --- --- --- --- --- --- --- *St. emarginata* Willd.
Spiculae multo minores; bractea coriacea anguste membranacea... --- --- --- --- --- --- --- --- --- --- --- *St. Sieberi* Boiss
34. Folia plana --- --- --- --- --- --- --- --- --- --- --- 35
Folia margine revoluta --- --- --- --- --- --- --- --- --- --- --- 40
35. Bracteae amplae glumaceae valde coriaceae laxaeve, sursum dilatatae spiculas sursum tumidas, inverse conicas vel subclavatas formantes, obscure membranaceo-marginatae; limbus calycinus abbreviatus --- --- --- --- --- --- --- --- --- --- --- 36
Bracteae teneriores haud glumaceae --- --- --- --- --- --- --- --- --- --- --- 37
36. Folia obovato-spathulata; calycis tubus totus pilosus; spicae robustae, crassae --- --- --- --- --- --- --- --- --- --- --- *St. ocyimifolia* Poir.
Folia oblongo-spathulata; calycis tubus basi tantum pilosus; spicae graciles; spiculae (antecedente) dimidio minores:
St. corinthiaca B. et H.
37. Spiculae brevissimae; limbus calycinus e bractea parum exsertus tubo brevior --- --- --- --- --- --- --- --- --- --- --- *St. delicatula* Girard,
Spiculae longiores; limbus calycinus tubo longior magis manifeste exsertus --- --- --- --- --- --- --- --- --- --- --- 38
38. Bractea infima suprema 2-plo brevior «lanceolata» acuta (v. «acuminata»); limbi calycini lobi lanceolati acutiusculi; «panicula lata scapo reliquo longior» (bractea late membranacea)
St. globulariaefolia Desf.

- Bractea infima suprema 3-plo brevior ovalis obtusiuscula vel obtusa!; limbi calycini lobi ovato-oblongi obtusi... 39
39. Bracteæ late albo-membranaceo-(scarioso-) marginatæ: margo cum parte herbacea haud conflua (spiculæ ob bracteam supremam valde ventricosam laxam, ovatæ)... *St. Costæ Willk.*
- Bracteæ obscure vel obsoletius rufescenti-membranaceo-marginatæ (spiculæ ob bracteam supremam valde involutam i. e. calycem valde involventem cylindrææ; «panicula oblonga scapo reliquo brevior confertiflora») ... *St. confusa G. et G.*
(St. Legrandi Timb. et Gaut!)
40. Folia obovato-cuneata... *St. albida Guss.*
Folia angustiora... 41
41. «Bracteæ duæ exteriores obtusissimæ et fere emarginatæ» (sic apud Gussone Fl. siculæ synops. I pag 570; — specimina Parlatoreana et a cl. Todaro accepta bracteas exteriores acutas habent); folia oblongo-spathulata... *St. minutiflora Guss.*
Bracteæ acutæ!; folia lineari-oblonga... *St. inarimensis Guss.*
42. Bracteæ infimæ omnino hyalino-membranacæ... 43
Bracteæ infimæ latius herbacæ... 45
43. Bractea inferior subrotunda suprema 4-plo brevior *St. dichotoma Cav.*
Bractea inferior angustior superiore 2—3-plo brevior ... 44
44. Bractea inferior obtusa; paniculæ rami divaricati; spiculæ breviter conferteque glomerato-spicatæ... *St. caspia Willd.*
Bractea infima acuminata; paniculæ rami (valde elongati) erecto-patuli; spiculæ remotæ laxè longiusque spicatæ *St. Dubyei G. et G.*
45. Glaberrimæ læves; rami steriles stricte ramulosi ... 46
+ Scabridæ, tuberculato-asperæ vel pubescentes ... 48
46. Ramulorum articuli nullibi constricti, æqualiter cylindræci ... 47
Ramuli ad articulationes constricti fere strangulati:
St. cosyrensis Guss.
47. Paniculæ rami patulo-recurvi; spiculæ cylindrææ; bractea infima acuta ... *St. virgata Willd.*
Paniculæ rami stricti; spiculæ ob bracteas supremas ventricosas (subinflatas) ovales (insuper breviores quam in *St. virgata*!); bractea infima obtusa! ... *St. catanensis Tin.*
(Todaro fl. sic. exs. 379!)
48. Scabridæ vel tuberculato-exasperatæ ... 49
Velutino-puberulæ vel tomentosæ ... 53
49. Ramulorum articuli omnes continue contigui, cylindræci, herbæ minus fragiles ... 50
Articuli ad extremitates repentine constricti i. e. isthmi strangulati, stipite brevissimo tenuissimoque quidem sed sat

- manifesto inter se connexi; supremi ovati vel subglobosi;
 spiculæ curvæ; tubus calycinus ad angulos vel basi + pilosus;
 herba fragillima *St. articulata* Lois.
50. Calyces bractea obvallati sessiles 51
 Calyces bractea patula denudati distinctissime pedicellati
St. Calcaræ *Todaro* fl. sic. exs. 276!
 (St. *dichotoma* Guss. Synops.)
51. Spiculæ gracillimæ (rectæ) *St. dubia* *Andrz.* *Todaro* fl. sic. exs. 1094!
 Spiculæ crassiores 52
52. Bractea suprema margine anguste membranacea; spiculæ
 rectæ; tubus calycinus glaber (caules nigrescentes) *St. dictyoclada* *Boiss.*
 Bractea suprema usque ad dimidiam submembranacea;
 tubus calycinus sparse pilosus; spiculæ curvæ .. *St. rorida* *S. et Sm.*
53. Rami ramulique steriles rectangule infracti flexuoso-divarica-
 tissimi: bractea suprema infima 4-plo longior; limbus calycinus
 tubo brevior *St. cancellata* *Bernh.*
 Rami nunquam refracti; limbus calycinus tubum æquans 54
54. Laxifloræ; bractea suprema infima 6-plo longior 55
 Inflorescentia densa fastigiato-corymbosa; bracteæ velu-
 tinæ, infima albo-marginata suprema 3-plo brevior; folia
 obcordata *St. pubescens* *DC.*
55. Bracteæ glabræ: infima fere omnino membranacea; folia
 obcordata; herba breviter furfuraceo-velutina *St. cumana* *Ten.*
 Bracteæ velutinæ: infima vix margine membranacea;
 folia spathulata; herba dense patule velutina... .. *St. furfuracea* *Lag.*

BRASSICÆÆ EUROPÆÆ.

Auctore VICTORE DE JANKA.

1. Siliqua valde abbreviata, globosa didyma vel ovoideo-globosa (sepala erecta, petala longe exserte unguiculata) --- --- --- 2
 Siliqua elongata --- --- --- --- --- --- --- 6
2. Herbæ annuæ, foliis pinnatisectis; filamenta libera --- --- --- 3
 Frutices vel^l suffrutices lignosi rigidi ramosissimi, foliis indivisis fere semper integerrimis; filamenta majora per paria connata 4
3. Siliquæ costis breviter parceve dentato-echinatis, rostro foliaceo subcochleari, pedicello inflexo nutantes (petala violaceo-venosa)
 CARRICHTERA *Vellæ DC.*
 Siliquæ tota superficie longe echinato-hispidissimæ rostro tetragono-subulato, erectæ (petala avenia) **SUCCOWIA** *balearica L.*
4. Siliculæ setoso-hispidissimæ stylo anguste linguæformi rostratæ (racemi abbreviati densiflori; suffrutex elatior inermis; petala fusco-venosa) --- --- --- --- --- **VELLA** *aspera Pers.*
 (Boleum asperum Desv.)
 Siliculæ glabræ rostro late ovato foliaceo --- --- --- --- --- 5
5. Fruticulus humilis dense cæspitosus ramulis superioribus in spinas induratas transformatis undique horridus, erinaceus; racemi abbreviati laxè 3—5 flori; folia lineari-lanceolata vel linearia (petala violaceo-reticulata) --- --- --- --- --- *Vella spinosa Boiss.*
 Suffrutex elatior inermis; flores longe spicato-racemosi; folia obovata vel obovato-lanceolata --- --- --- --- --- *V. Pseudo-Cytisus L.*
6. Siliqua lanceolato-oblonga, basi attenuata, valvis nervis 5 validis rectis æquidistantibus percursis; semina toto ambitu late membranaceo-alata; stamina 4 longiora per paria filamentis usque ad apices coalita. Frutex floribus albis, petalis venis fuscis reticulatis
 EUZOMODENDRON *Bourgæanum Coss.*
 Siliqua utrinque æqualiter vel solum apicem versus attenuata: semina exalata vel rarius unilateraliter alata; filamenta libera --- --- --- --- --- --- --- 7

BRASSICA

7. Folia caulina suprema (indivisa) *deorsum in auriculas amplas pro-*
ducta vel profunde cordato-amplexicaulia 8
Folia haud ita profunde auriculata vel cordato-amplexicaulia 14
8. Pedicelli siliquas superantes (stylus 1''' longus, gracilis, siliquæ
torulosæ)... .. *Brassica amplexicaulis* DC.
(sub Sinapide)
Pedicelli siliquis breviores 9
9. Flores flavi v. lutei; folia basilaria et caulina inferiora lyrato-
pinnatipartita 10
Flores purpurascentes, violacei v. albi; folia indivisa. ... 11
10. Flores corymbosi i. e. gemmas superantes: *Brassica Rapa* Koch.
Flores racemosi i. e. gemmis superati... .. *B. Napus* L.
(*B. campestris* DC.)
11. Folia omnia obtusa; siliquæ plano-compressæ; semina 2-seri-
ata, rostrum 2''' longum *B. Moricandia* Boiss.
(*Brassica arvensis* L., *Moricandia arvensis* DC.)
Folia superiora acuta; siliquæ tetragono-compressæ vel
teretiunculæ; semina 1-seriata, rostrum brevius 12
12. Pedicelli crassi breves; rostrum breve conicum; petala violaceo-
purpurea 13
Pedicelli graciles 5—6''' longi; rostrum lineari-conicum;
petala alba (parva) *B. fœtida* Bourg.
(sub *Moricandia*)
13. Siliquæ compresso-tetragonæ venis distincte prominulis; flores
magni, semina anguste albo-marginata *B. moricandioides* Boiss.
(*Moricandia Ramburei* Webb.)
Siliquæ teretiunculæ obsolete venosæ; flores parvi, semina
(minora) latius marginata: *B. anticaria* Rouy in Litt.
(*Moricandia baetica* B. et K.)
14. Folia caulina suprema (indivisa) basi dilatata semiamplexicaulia 15
Folia caulina suprema basi angustata sessilia vel petiolata,
nunc caulis omnino aphyllus 23
15. Folia vel tota herba indumento molli vestita 16
Glaberrimæ vel sparsissime setulosæ 19
16. Flores parvi 17
Flores magni 18
17. Siliquæ compressæ sub-6-spermæ, sesquipollicares; stylus *ovato-*
lanceolatus siliquæ diametr. longus i. e. 1 1/2 linearis aspermus *B. Botteri* Vis,
Siliquæ 4-gonæ, 12—16-spermæ; stylus conico-subulatus
lineam longus *B. mollis* Vis.

18. Folia tomentoso-incana; siliquæ teretes elongatæ ($2\frac{1}{2}$ —3 pollicares) graciles substipitatæ; stylus 3—4 lin. longus, tenuis, subulatus 1—2-spermus (nonnisi abortu 1-spermus; siliquæ ut in *B. oleracea*); corolla alba *B. incana* Ten.
 Folia villosa-canescens; siliquæ sub-4-gonæ pollicem haud excedentes, non stipitatæ; stylus cylindricus 1''' longus aspermus; corolla flavida *B. villosa* Biv.
19. Siliqua abbreviata 1— $1\frac{1}{2}$ pollicaris, *crassissima* (fere Raphani sativi!); stylus $\frac{1}{2}$ vel $\frac{1}{3}$ siliquæ metiens: *B. macrocarpa* Guss.
 Siliqua longior et gracilior, stylus brevior 20
20. Inferne suffruticentes, ramis basi lignescentibus 21
 Herbaceæ annuæ vel biennes 22
21. Flores candidi *B. nivea* Boiss. et Sprun.
 Flores flavi (folia numquam lyrata, suprema integerrima) *B. cretica* L.
22. Folia superiora incisa; siliquæ teretiusculæ *B. oleracea* L.
 Folia superiora integra; siliquæ tetragonæ *B. montana* Pourr.
23. Siliquæ rostrum nunc teres, paulo (saepius) tetragono-compressum, nunc totum (siliquæ tunc gracile linearis valvis multo brevius) vel solummodo apice ancipiti-compressum 24
 Siliquæ rostrum totum plano-compressum, foliaceum, anceps, ensiformi-elongatum siliquæ breviusculæ atque crassioris dimidiam æquans vel longius 67
24. Siliquæ rachi adpressæ 25
 Siliquæ rachi haud adpressæ in pedicellis patulis vel patentissimis 27
25. Stylus vix lineam longus 26
 Stylus 3''' vel ultra longus; (pedicelli calycem superantes)
B. pubescens Ardoino
 (Flore des Alpes maritimes; — *Sinapis pubescens* L.)
26. Siliquæ angustæ, tenues, cylindræco-subulatæ valde torulosæ; sepala pedicellis breviora patentissima; pedicelli crasse cuneati *B. adpressa* Boiss.
 (*Sinapis incana* L.)
 Siliquæ latæ, conico-attenuatæ, crassæ; sepala pedicellis longiora patula; pedicelli tenues *B. nigra* Koch.
 (*Sinapis nigra* L.)
27. Inflorescentia foliaceo-bracteata i. e. folia sensim insensibiliter decrescentia per inflorescentiam continua atque pedicellos inferiores saltem stipantia *B. bracteata* Gren. et Godr. (*sub Diplotaxide*)
 (*B. Pollichii* Jess. — *Erucastrum Pollichii* Sch. et Sp.)
 Folia interfloralia nulla 28
28. Pedicelli longissimi, *siliquas pluries superantes* (folia pectinato-

pinnatipartita, lobis acutis, *lateralibus* semi-ovatis *marginē inferiore integerrimis, superiore incisō-dentatis* *B. Barrelieri* DC.
(sub *Diplotaxide*)

- Pedicelli haud ita longi 29
29. Siliquæ longe rostratæ; rostrum valvarum trientem ad minimum æquans 30
Siliquæ multo brevius rostratæ vel subastylæ... .. 33
30. Siliquæ pendulæ rostrum longissimum valvis plus duplo longius 5—6-spermum torulosum apice applanatum; caulis ramosissimus; folia parca, omnia petiolata; pedicelli flore breviores:
B. longirostris Boiss.
- Siliquæ erectæ rostrum brevius, plerumque aspermum vel 1-spermum; pedicelli longiores 31
31. Rostrum valvis æquilongum subulatum; siliquæ 2—3-pollicares; folia caulina perpauca, summa squamæformia; pedicelli fructiferi longitudine valvarum *B. oxyrrhina* Coss.
- Rostrum crassius, obtusatum valvis triente vel dimidio brevius; pedicelli valvis breviores; 32
32. Folia caulina superiora exigua 3-angulari-squamæformia vel folia caulina fere omnia ad squamas reducta *B. Tournefortii* Gou.
Caulis decrescēti-foliatus *B. sabularia* Brot.
33. *Siliquæ tenuissime (capillari-) stipitatae* apice subtruncatæ, haud distincte stylatæ, plano-compressæ, pendulæ 34
Siliquæ haud, vel crasse stipitatae, distincte stylatæ vel rostratæ, numquam pendulæ, teretiusculæ vel subtetragonæ, rarius + compressæ 35
34. Petala calyce 2-plo longiora; folia latiuscula incisō-dentata vel pinnatifida *B. Harra* Forsk.

(*Diplotaxis* pendula, *D. crassifolia* et *D. Lagascana* DC. & *Pendulina* *Webbiana* Willk.)

Petala calyce paulo longiora; folia angusta spathulato-linearia indivisa vel lobulo lineari utrinque aucta... .. *B. intricata* Willk.
(sub *Pendulina*.)

35. Stylus tenuis linearis vel basi constrictus obconicus a valvis manifeste separatus 36
Stylus robustior conicus, subulato-conicus vel subancipiti-compressus breviterque 3-angularis 43
36. Caulis brevissimus (2—3-pollicaris) aphyllus: petala calyce parum longiora; herba glabra annua *B. scaposā* DC.
(sub *Diplotaxide*)
- Caulis + foliatus (rarissime aphyllus: in *B. murali*); petala calyce 2-plo vel ultra longiora 37

37. Stylus basi constrictus obconicus (pedicelli sepalis æquilongi)
B. viminea Ardoino.
 (Diplotaxis viminea DC.)
 Stylus linearis 38
38. Sepala patentia (caulis alte foliatus) 39
 Sepala erecta (caulis parte inferiore solum foliatus sub-
 scaposus) 41
39. Siliquæ pedicellis subæquilongæ (juniores alabastra superantes);
 flores lutei *B. tenuifolia* Boiss.
 (Diplotaxis tenuifolia DC.)
 Siliquæ pedicellis 2—3-plo longiores; flores albi vel carnei 40
40. Petala alba fusco venosa; caulis pilis rigidis patentibus usque
 ad inflorescentiam hispidus; folia lyrato-pinnati partita (stigma
 insigniter 2-lobum) *B. erucooides* Ardoino.
 (Diplotaxis erucooides DC. — *D. hispidula* Ten.)
 Petala pure carnea; folia sinuato-dentata; herba glabrescens
B. apula Ten.
 (sub Diplotaxide)
41. Pedicelli calyce paulo breviores *B. monensis* Huds.
 Pedicelli calyces superantes 42
42. Sepala sparse hispido-pilosa; siliquæ juniores gemmas supe-
 rantes; annua *B. muralis* Boiss.
 (Diplotaxis muralis DC.)
 Sepala densius hispida; siliquæ juniores florum gemmis
 breviores; perennis *B. Gravinæ* Ten.
 (*B. nivalis* Boiss. et Heldr. ?)
43. Folia caulina plane nulla vel subnulla, saltem valde diminuta
 basilariis difformia solumque ramos stipantia parva linearia ... 44
 Caulis continue decrescenti-foliatus 49
44. Pedicelli fere siliquæ dimidiam æquantes 45
 Pedicelli siliqua multo breviores 46
45. Folia basilaria runcinato- et pectinato-pinnatisecta, lobis acu-
 minatis *B. lævigata* Lag.
 Folia basilaria haud runcinata nec acuminato-lobata, sed
 lyrato-pinnatipartita *B. Cossoniana* B. et R.
46. Flores albi purpureo-venosi (siliquæ crassæ stylus longiusculus,
 calyx erectus) *B. insularis* Mor.
 Flores lutei concolores 47
47. Stylus subnullus (stigma emarginatum); calyx demum de-
 flexus; siliquæ angustæ graciles *B. balearica* Camb.
 Stylus distinctus 48
48. Corymbus pauci-(1—6-)florus compactus; racemus fructifer

abbreviatus latus ambitu orbicularis vel ovalis; siliquæ latæ
 plerumque patentes --- --- --- --- --- --- --- *B. humilis DC.*
 (B. saxatilis et B. repanda DC.)

Corymbus 6—20-florus laxior; racemus fructifer magis
 elongatus oblongus; siliquæ angustæ erectæ: --- --- *B. Rouyana Janka*
 (Diplo-taxis brassicoides Rouy * [Sinapis nu'icaulis Lag. — B. Blancoana
 B. et R.]

49. Pedicelli calyces manifeste superantes --- --- --- --- --- --- --- 50
 Pedicelli calyces æquantes, breviores vel paulo tantum lon-
 giores --- --- --- --- --- --- --- --- --- --- --- 60
50. Folia omnia vel caulina inferiora lyrato-pinnatifida vel pinna-
 tipartita --- --- --- --- --- --- --- --- --- --- --- 51
 Folia indivisa vel æqualiter sinuato-lobata --- --- --- --- --- 56
51. Stylus tenuiter conicus 2—3''' longus, siliqua manifeste stipitata 52
 Stylus crasse conicus 1—2''' longus vel applanato-triangu-
 laris, siliqua haud vel substipitata --- --- --- --- --- --- --- 53
52. Flores magni racemosi; calyx cylindræus accumbenti-erectus;
 siliquæ ultrapollicares --- --- --- --- --- --- --- *B. Robertiana Gay*
 Flores parvi corymbosi; calyx breviter aperte campanula-
 tus; siliquæ vix pollicares --- --- --- --- --- --- --- *B. fruticulosa Cyr.*
53. Stylus crasse conicus 1—2''' longus, siliqua substipitata:
B. rupestris Raf.
 Stylus applanato-3-angularis, siliquæ haud stipitatæ --- --- --- 54
54. Pedicelli infimi siliquis parum breviores; folia superiora sub-
 sessilia; herba parce retrorsum hirtula vel glabra (folia supe-
 riora plerumque pinnatipartita, laciniis anguste linearibus):
B. catholica DC.
 Pedicelli fructus $\frac{1}{2}$ v. $\frac{1}{3}$ partem æquantes; folia omnia
 petiolata; herba densius vestita --- --- --- --- --- --- --- 55
55. Inferne setoso-hispidissima; folia superiora sublinearia integra
 vel dentata --- --- --- --- --- --- --- --- --- --- --- *B. virgata Cav.*
 Retrorsum scabrido-pubescent; folia omnia pinnatipartita:
B. siifolia Kze.
56. Herbæ omni statu setuloso-scabræ --- --- --- --- --- --- --- 57
 Herbæ glaberrimæ vel saltem statu evoluto glabræ læves 58
57. Siliquæ haud stipitatæ; semina ovalia, compressa --- *B. Erucastrum L.*
 (Erucastrum obtusangulum Rehb., Brassica obtusangula Jess.)
 Siliquæ stipitatæ; semina globosa --- --- --- --- --- --- --- *B. elongata Ehrh.*

* Cfr. clⁱ. M. G. Rouy opusculum nuperime emissum: «Étude des Diplo-
 taxis européens de la section Brassicaria» in «Revue des Sciences Naturel-
 les 1882»

58. Flores albi; pedicelli cum siliquis longiuscule stipitatis recti-
linei (folia indivisa remote leviter crenulata vel denticulata):
B. armoracioides Czern.
Flores flavescens; siliquæ haud stipitatæ in pedicellis pa-
tulis erectæ... 59
59. Herba perennis, foliis sinuato-pectinato-lobatis; siliquæ valvæ
1-nerves ... *B. palustris Pirona.*
Annua, folia integerrima vel dentata; siliquæ valvæ 3-
nerves... *B. juncea Czerniaëw.*
(Conspectus plantar. Charkov. et Ucran. pag. 7. n 161; — *Sinapis juncea* L.—
S. campestris Bess. & *Brassica Besseriana* Andr. ex Trautvetter Enum. pl.
songoric. a Dr. Schrenk collect. in «Bullet. soc. Mosc.» a. 1869 I p. 134—135.)
60. Sepala erecta; folia omnia petiolata ... 61
Sepala patentia; folia superiora sessilia ... 64
61. Folia pleraque \pm divisa ... 62
Folia omnia indivisa, ad summum sinuata vel undulata
(stigma emarginatum) ... *B. Richeri Vill.*
62. Petala flava ... 63
Petala alba, violaceo-venosa (folia pinnatisecta, siliquæ
haud torulosæ) ... *B. valentina L.*
63. Folia regulariter pinnatipartita, pedicelli breves crassi:
B. Cheiranthus Vill.
Folia lyrata vel summa indivisa, pedicelli elongati tenues:
B. setigera Gay.
64. Folia subæqualiter pinnatisecta (segmenta sinuato-dentata),
superiora-lineararia integerrima; pedicelli graciles siliquis sub-2-
plo breviores (flores magni, pedicelli calyce haud breviores):
B. Pseudo-Sinapis Lge.
Folia lyrata vel indivisa, superiora lanceolata vel oblonga
dentata (rarius subintegra); pedicelli siliquis multo vel pluribus
breviores; flores mediocri vel parvi ... 65
65. Folia pleraque indivisa; pedicelli breves *crassi* (calyce brevio-
res, flores parvi); rostrum tetragono-compressum crassum py-
ramidale siliqua continuum ... *B. Sinapis Vis.*
(*B. Sinapistrum* Boiss., *Sinapis arvensis* L., *S. Schkuhriana* Rehb.)
Folia lyrata; pedicelli graciles ... 66
66. Folia superiora oblongo-lineararia subintegra; flores parvi; rost-
rum *gracile* 2—5''' longum aspermum; *foliorum caulinarum*
pinnae deflexæ ... *B. Preslii Janka.*
(*Sinapis virgata* Presl.)

Folia superiora lanceolata dentata; flores medioeri; rostrum 2-spermum; foliorum pinnæ sursum patulæ ... *B. bætica* Boiss.
(*Corynelobus baeticus* R. et Sch.)

67. Flores magni, petala violaceo-venosa; calyx elongatus cylindraceus clausus basi subbisaccatus... 68

Flores minores; petala avenia; calyx patulus (siliquæ breves latæque oblongo-conicæ ... 69

68. Pedicelli siliquarum dimidiam æquantes; folia runcinata; calyx post anthesin auctus ... *B. vesicaria* L.

Pedicelli breviores; folia haud runcinata; calyx cito deciduus immutatus ... 69

69. Rostrum valvas æquans vel superans; semina unilateraliter anguste diaphano-alata... *B. Uechtriziana* Janka.
(*Eruca longirostris* Uechtr.)

Rostrum valvis brevius; semina exalata nec marginata: *B. Eruca* L.

70. Pedicelli (crassi) sepalis siliquisque breviores ... *B. hispida* Boiss.
(*Sinapis hispida* Schousb.)

Pedicelli sepala siliquisque æquantes vel longiores ... 71

71. Sepala pedicellos æquantia; pedicelli rigidi siliquiscum subæquilongis patentissimi... *B. alba* Boiss.
(*Sinapis alba* L.)

Sepala pedicellis breviores; siliquæ in pedicellis gracilioribus arcuato-adscendentes... *B. dissecta* Boiss.
(*Sinapis dissecta* Lag. — *S. ucranica* Czern.)