Notuiae systematicae ex Herbario Horti Botanici U. S. S. R.

БОТАНИЧЕСКИЕ МАТЕРИАЛЫ

Гербария Главного Ботанического Сада С. С. С. Р.,

издаваемые под редакцией Главного Ботаника Б. А. Федченко.

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Б. А. Федченко и Н. А. Базилевская.

Обзор рода Bejaria Vent.

B. A. Fedtschenko et N. A. Basilevskaja.

Revisio generis Bejaria Vent.

I. Racemosae.

1. **B. racemosa** Vent, Descr. Pl. Gels. pl. 51. (1800).—Small, North American flora vol. 29. part I. p. 36.—DC. Prodrom. VII. 2. p. 731.

B. pamculnta Michx. Fl. Bor. Am. 1:280, (1803) pl. 26.

North America: Florida, dry pine barrens near Jacksonville June 16 (1894). A. Curtiss, № 4922!, № 1728!; Vicinity of Eustis, Lake county, Geo V. Nash, May 16 (1894) № 803!—Florida without locality Richard!, Cooper.—Cumberland Island, Southeastern Georgia.—Carolina inferior. In herb. Gasströmic (Stockholm).

II. Laeves.

2. **B. subsessilis** Benth. Plantae Hartwegianae p. 143.—Jameson, Synops. PI. aequat. II p. 198.—Walp. Repert. VI 420.

Ecuador: Quito, at the mount's Loja, Jameson; Hartweg № 797!

3. **B. drymifolia** Linden ex Herincq Revue Hortic. III Serie IV (1850) p. 185.

Columbia New Granada in the province of Pampelona 1830 m. Linden N2 1456! (1847); Bogota Karsten!—Venezuela Silla de Caracas (1842) Linden № 12.

The specimens from Silla de Caracas and Bogota are not quite identical with those of Pampelona. They have the inflorescence much shorter and the flower pink.

4. **B. laevis** Benth. Pl. Hartweg. p. 65.—Walpers Repert. II p. 730.—Hemsley, Biolog. Centr. Amer. vol. II (1881—1882) p. 282.—Small, North American Flora vol. 29 part 1 (1914).

B. glabra Mart. et Galeotti. Bull. Acad. Brux. 1842.

South Mexico Talea to Totontepec, Hartweg № 478! Eastern Cordillera of Oaxaca at 5000 ft. Ghinanthla Galeotti № 1811!

5. **B. Ghiesbreghtiana** (Planchon) nob. Fruticosa. Rami ramulique glabri, vel sparse hispidi. Folia lanceolata 6—8 cm. longa, 1,5—1,8 cm. lata, utrlnque attenuata, acuta, breviter petiolata, supra minute adpresse tomentosa, vel glabra, subtus glauca semper glabra, integerrima, petioli glabri. Inflorescentia racemosa, subcorymbosa, racemi solitarii, parviflori, apice ramulorum dispositi. Pedunculus pedicellique subglabri, juveniles sparse adpresse tomentosi, dein glabri; pedicelli tenues 3,5 cm. longi, bracteae parvae, deciduae. Calyx campanulatus, glaberrimus, lobi 7, ovati, obtusi, mucronati margine ciliati. Petala 7 obovata basi attenuata, 2—2,5 cm. longa, 8—9 mm. lata, ad faucem pubescentia. Stamina 14, petalis aequilonga, basi dilatata, pilosa. Stylus supra calycem incrassatus (in sicco 1,5 mm. latus) stigma magnum.

Mexico, in the prov. of Oaxaca M. Ghiesbreght 1842—43; allied to B. laevis, but differs in glaucous leaf-blades, and in the larger flowers.

6. **B. glauca** Humb. et Bonpl. PI. Aequinox. II p. 118 tab. 117—H.B.K. Nov. Gen. Am. III p. 227—DC. Prodr. VII. 2. p. 731.—Morren, Ann. de la Soc. de horticulture de Gand I. 61. Tab. 7—Paxton and Lindl. Flower Garden I. 84.

Venezuela at the mount Silla de Caracas H.B.K.; without locality Otto № 696.—Columbia or Ecuador: Lehmann without locality № 4964! Kalbreyer № 867, Tovar, Fendler № 743.—Bolivia in the bushregion of Tres Cruces, Nord. von S-ta Cruz, ca 1560 m. Herzog № 1611.

A widely distributed species.

III. Glandulosae.

7. **B. cubensis** Griseb. Cat. pl. Cub. 52—Small, North American Fl. vol. 29 part I. p. 35.

Cuba: Pinar del Rio, western Cuba, Wright № 2200!

It is difficult to determine the exact position of this species in the phylogenetic scheme on the Bejarias. This is due to its scarcity and its local distribution. We have disposed it between the *Glandulosae* because of the glandular hairs covering it. Here it must be disposed near *B. mexlcana* and *B. discolor,* although very modified and with highly specalised characters. But the long raceme always solitary is very similar to that of *B. racemosa.* We assume however that the raceme of *B. cubensls* is a secondary formation, evolved in response to a long isolation and original conditions. The assumption is based on a high differentiation of the raceme of

B. cubensis, in comparing with *B. racemosa.* The flowers are almost solitary because of the leaves at the base on each flower-stalk much exceeding the pedicel and the calyx when it is fructiferous. We have also seen quite solitary flowers.

8. **B. discolor** Benth. PL Hartweg. 65.—Walp. Rep. II p. 730.—Hemsl. Biolog. Centr. Amer. vol. II p. 282.—Small. North Americ. Fl. vol. 29. part. I. 36.

B. paniculata Gal. in Herb.

B. flonbunda Mart. et Gal. in Bull. Acad. Brux. IX p. 18.

Jurgensenia mexlcana Turcz in Bull. Soc. Nat. Mosc. XX p. 151.

South Mexico Talea, Hartweg № 479! mountains of the eastern Cordillera of Oaxaca, near Villa Alta and Tanatze, Galeotti № 1812, 821! Sierra San Pedro Nolasco, Jurgensen 391, 562. Sille W. W. Saunders (in herb. Kew Gard).

This species occupies an intermediate stage between the *Laeves* and *Glandulosae* most nearly approaching to the species of *Laeves* by the ample foliage, the protraction of the pedicels and the deciduous pubescence. But the glandular hair are pretty developed and deciduous only in the time of fructification, and the calyx and corolla are more pubescent and sometimes viscose as it is usual for *Glandulosae.*

The specimen of Galeotti (N 1812) described under the name of *B. floribunda* Mart. has a very long and broad intforescence and the young leaves quite pubescent.

9. **B. mexicana** Benth. PI. Hartweg. 15 (1839)—Hemsley. Biologia Centr. Americana II (1881 — 82) p. 282.—Seem. Bot. Voy. „Herald" p. 317 t. 57—Small. in North Americ. Flora vol. 29. part. I. p. 36.

North Mexico: Sierra Madre, on the road from Mazatlan to Durango Seeman № 2130.—South Mexico: Balanos, Zacatecas, Hartweg № 921.

10. **B. Sprucei** Meissn. in Mart. Fl. Brasil. Vol. VII. 171. Eastern Peru, near Tarapoto, Spruce № 3994! (1855—6).

11. **B. denticulata** Remy, Ann. Sc. Nat. III, 8 (1847) p. 236. Weddel. Chloris andina T. II (1857) p. 182—Walpers Annals 1.482.

Bolivia: in the prov. of Yungas at the upper limit of the vegetation, in Viscachal mount., d'Orbigny.—Columbia: New-Granada, in the prov. of Socorra, Linden № 766!, Funck and Schlim № 1332!.

12. **B. guianensis** Klotzsch in R. Schomb. Rusen in Brit. Guiana III p. 1088;—N. E. Brown in Trans. Linn. Soc. Ser. II. vol. VI p. 46.—Oliver, in Trans. Linn. Soc. Ser. II vol. II (1887) p. 276.—Appun, Unter den Tropen II pp. 232, 287, 292.

We know this species only by the short description given in N. E. Brown's work „Report on two botanical collections from Mount Roraima in British Guiana" where it is told to be allied to *B. Imthurnii.* It is only with doubt, that we determine the position of it in the sheme of Bejarias, while the appartenance to the *Glandulosae* is evident.

Brit. Guiana upper slopes and ledge of Mount Roraima Shompurgk № 1041, Me Connell and Quelsh № 40.

13. **B. Antioquiae** sp. n. Frutex, ramis ramulisque dense tomentosis pilis glanduliferis vestitis. Folia breviter sed distincte petiolata, coriacea, rigida, elliptico-oblonga, 4—6 cm. longa, 1,5—2 cm. lata, minute ciliato-denticulata supra glabra et lucida, subtus albo fulvoque pubescentia, glauca, nervo medio glanduloso-ciliato, supra sulcato, subtus prominulo. Petioli hispidi. Racemi fasciculati 1—4, terminales, densi multiflori 7—9 cm. longi, pedicellique ferrugineo tomentosi, et glanduloso hirti. Pedicelli elongati 2,5 cm. longi, bracteis oblongis, pedicellis duplo brevioribus, margine glanduloso ciliatis. Calyx campanulatus, 7 lobus, puberulus, lobis ovatis, obtusis usque ad medium connatis biseriatis, margine ciliatis. Petala 7 oblonga, obtusa, minute pubescentia, 2 cm. longa. Stamina 14, basi dilatata pilosa, corollae subaequilonga. Stylus longe exsertus.

Columbia: Antioquia inter Yolombo et Cauca .1500—2000 m. 9. 1884. Lehmann CCXII.

Allied to *B. Imthurnii* N. Brown from which it differs in its more elongated, pubescent beneath and toothed leaves, and in petals finely pubescent.

14. **B. hispida** Poepp. et Endl. Nova Gen. I p. 24 t. 39.—DC. Prodr. VII 2 p. 731.

Eastern Peru: in the prov. Huanaco, near Acomajo.

15. **B. Lindeniana** Herinck. Rev. Hort. III. Ser. 4 (1850) p. 183.

B. coarctata Bot. Mag. 3 Ser. Vol. V tab. 4433 (not *B. coarctata* H.B.K.).

Venezuela: from Silla de Caracas to Merida 1843. Linden № 387! Merida 1844/45 Moritz № 365!.

The species published in Botanical Mag. tab. 4433 is totally different from what is described by Humboldt and Bonpland under the same name. This error was pointed out by M. Herincq, who called it *B. Lindeniaua* in compliment to M. Linden, the intelligent horticulturist and collector. The discussion of this species showed the deep difference between *B. coarctata* H.B.K. and that of Bot. Mag., because of what they must be put in different sections.

16. **B. aestuans** Mut. ex Linn. Mant. 242; Suppl. 247—Sp. pl. 2. p. 847—H.B.K. Nov. Gen. Am. III p. 229—Humb. et Bonpl. Pl. aequinox, p. 120, tab. 118—DC. Prodr. VII 2 p. 731.—Vent., Choix n. 52 in adn.—Jameson Synops. pl. aequat. p. 197,—van. Houtte, Fl. des Serres IV p. 3288.

B. oblonga Pers. Ench. № 2.

Acunna oblonga Ruiz et Pav. Fl. per. syst. p. 123.

New-Granada Santa Fe de Bogota, near Gonzanama Mutis; from the type locality Funck and Schlim, № 1604!—Venezuela: Funck and Schlim № 874!, Merida Engels! Equador: Quito, Mount Loja Jameson.

Type species.

17. **B. densa** Planch, ex Herincq. Rev. Hort. Ser. III t 4 p. 185 *B. microphylla* Planch. ex Paxt. et Lindl. Flower gard. I 86. *B. albiflora* Linden in Hb. Vindobon.

New Granada in the prov. of Pamplona 10.000'Schlim №1721! Chapo 2400 m. Linden № 1351!

18. **B. Imthurnii** N. Brown. Trans. Linn. Soc. Ser. II vol. VII p. 46. *Befaria* aff. *resinosae* Mutis, Oliver in Trans. Linn. Soc. Ser. II Bot. II (1887) p. 278.

British Guiana: Summit of Mount Roraima 8600 f. Im Thurn № 310; Mc Connell Quelsh № 94, № 146.

19. **B. resinosa** Mutis, Ic. am. t. 8 ex Linn. Suppl. 246—DC. Prodr. VII 2. p. 731.-Vent. Choix t. 52.—Persoon, Synops. pl. II p. 3 (1807).

Acunna lanceolata Ruiz et Pav. Syst. fl. Per. 123.

B. resinosa, B. lanceolata G. Don. Gen. Syst. 3 p. 849.

Columbia: Santa Fe de Bogota, Mutis. Santa Martha H. Smith. № 1406.—Peru: of the high hills of Rodos Pillao and Huassa—Huassi (Ruiz et Pav.).

20. **B. ledifolia** Humb. et Bonpl. pl. aequinox. 2 p. 124 t. 120—H.B.K. Nova gen. Am. 3 p. 229—DC. Prodr. VII 2 p. 731 van Houtte Fl. de Grochshor. III Heft 3 t. 3.

Venezuela: Silla de Caracas, Linden № 128!, Funck № 313! Columbia: Moritz № 365!

IV. **Eglandulosae a. racemosae.**

21. **B. pallens** Remy in Ann. Sc. Nat. III. 8. (1847) p. 229 — Walpers Annals I. 842.

Bolivia: prov. Yungas on the way from Chilca to Chulmani (d'Orbigny), Espirito Santo, Bang № 4167!

22. **B. Mathewsii** Field. in Bot. Mag. t. 4981.

Peru: in the prov. Jaulia Mathews № 1424!, in the prov. Chachapoyas Mathews № 1426!

23. **B. subserrata** sp. n. Frutex. Rami minute tomentosi, ramuli hispidi. Folia alterna, coriacea, rigida, oblonga, 3 cm. longa 1—2 lata, apice obtusa vel acuta, basi in petiolum brevem angustata, supra lucida, glabra, subtus glauca albo-fulvoque pubescentia, margine denticulato-ciliata, nervo medio supra sulcato, subtus prominulo, adpresse tomentoso. Inflorescentia racemosa, subcorymbosa, racemi 2 apice ramulorum dispositi. Pedunculus pedicellique ferrugineo tomentosi, pilis longis et glandulosis patenter vestiti. Pedicelli tenues 2,5—3 cm. longi, bracteae caducae. Calyx campanulatus dense pubescens 7 lobus, lobi late ovati obtusi. Petala 7, oblongo cuneata, apice rotundata, pubescentia. Stamina 14 libera, basi dilatata pilosa, petalis 2 cm. longis vix longiora. Stylus exsertus, stigma magnum.

Venezuela: without precise locality Funck and Schlim № 1331 Allied to *B. denticulata* from which differs in its panicled inflorescence and in absence of glandular hairs on the pedicels and peduncles; from *B. caxamarcensis* differs in its minutely toothed leaves and in the dimension of the flowers.

24. **B. boliviensis** sp. n. Frutex; rami glabri vel pulverulenti, ramuli hispidi. Folia alterna, coriacea rigida oblonga, 3—4 cm. longa 1,2—1,8 cm. lata, basi angustata, apice obtusa vel acuta, saepe obtuse mucronata, petiolata, supra lucida et glabra, nervo medio basi tomentoso, subtus glauca albo fulvoque tomentosa, nervo medio setoso-ciliato; petioli hispidi. Inflorescentia dense paniculata ramosa, pedunculus pedicellique ferrugineo patenter pilosi, pilis longis, eglandulosis. Pedicelli ca 2—2,5 cm. longi crassi, bracteae foliiformes hispidissimae, deciduae, margine denticulatae, pedicellis triplo breviores. Calyx campanulatus, 7 lobus, pubescens, lobis ovatis, obtusis. Petala 7 oblonga, obtusa, juvenilia pubescentia dein glabra 1—1.3 cm, longa. Stamina 14—(15) usque ad medium pubescentia basi dilatata, brevissime inter se connata. Stylus crassus exsertus.

Bolivia: „from 1500 to 2000 miles in the interior lat. 15—18° south" Bridges № 177! Mandon 563!.

Allied to *B subserrata* but differs in its inflorescence and entire leaves.

25. **B. grandiflora** H.B.K. Nova gen. III p. 228.—Humb. et Bonpl. PL aequinox. 2 p. 122 t. 119.—DC. Prodr. VII 2. p. 731-- Jameson Synops. pl. aequator. II (1865) p. 197.

Ecuador: Quito; in the prov. Loja, Parano de Saragusu, Humb. and Bonpl., Jameson, Hartweg № 716!

Venezuela without locality Funck and Schlim 1847 № 1329! Columbia Cauca, Popayan 16—III 1884 Lehmann № CCXX.

26. **B. parviflora** Benth. PL Hartweg p. 143,—Walpers Repert VI 420.—Jameson Synops. Pl. aequat. II p. 197.

Ecuador: Quito, at the mount's Loja, Jameson, Hartweg 795!

Columbia: without locality Moritz № 478—*B. parviflora prox,,* St. Martha 1844 Purdie (in herb. Stockholm).

27. B. **decora** Drake in Morot, Journ. de Bot. III 1889 p. 77.

Ecuador: Chonta-Cruz, Poortmann № 116.

Columbia in the prov. of Rio Hacha Linden 1618.

b. Corymbosae.

28. **B. congesta** sp. n. Frutex. Rami cinerei, raro pilosi, ramuli hispidi cani, dense foliosi. Folia conferta, coriacea rigida, valde revoluta, margine serrato ciliata, utrinque hispida, setis longis basi tuberculatis vestita, lanceolata, 5 mm. lata, 15 mm. longa, basi rotundata, apice acuminata, acuta, nervo medio supra impresso, subtus prominulo, setoso, avenia, breviter petiolata, petioli hispidi. Racemi subcorymbosi densi, multiflori, pedunculis pedicellisque ferrugineohirtis. Pedunculi breves, pilosi, crassi, pedicelli breves

5—8 mm. longi, calyce paulo longiores. Bracteae binae ad pedicelli basin dispositi, lineares, pilosae. Calyx campanulatus, petalis quintuplo brevior, 7 lobus, pubescens, lobis ovatis, obtusis fere usque ad basin liberis, biseriatis, 5 mm. longis, 3 mm. latis. Flores magni, petalis 7 oblongis, obtusis, 2,5 cm. longis, 5—7 mm. latis, apice pubescentibus. Stamina 14 basi dilatata pilosa, petalis subaequilonga. Stylus exsertus crassus, stigma magnum capitatum. Ovarium septisulcatum.

Venezuela without precise locality, Funck and Schlim. Allied to *B. myrtifolia,* but differs in its obtuse calyx-lobes, stout and short pedicels and small bracts.

29. **B. Lehmanniana** sp. n. Fruticosa. Rami cinereo pilosi, ramuli ferrugineo tomentosi, dense foliosi. Folia conferta, coriacea lanceolata 1,5—2 cm. longa, utrinque attenuata petiolata margine revoluta, supra lucida cinereo et ferrugineo hispida, subtus dense ferrugineo tomentosa, petioli hispidi. Racemi brevissimi, subcorymbosi, densi, pedunculi pedicellique ferrugineo-tomentosi, pedicelli crassi circa 1 — 1, 2 cm. longi, bracteis foliiformibus subaequales. Calyx campanulatus, amplus, 7 lobus, 6 mm. long. pubescens, lobi angusti, acuti, petalis 8 plo breviores, biseriati. Petala 7 oblonga, obovata, obtusa, apice (vel juvenilia omnino) pubescentia 0,8—0,9 cm. lata, 3,5—4 cm. longa. Stamina 14 basi dilatata, pilosa, petalis vix longiora. Stylus crassus, longe exsertus; stigma 7 partitum magnum.

Columbia vel Ecuador, loco non indicato Lehman № 4962!

A very distinct species perhaps nearer to *B. cinnamomea* than to any other; from this uncertain species it differs in the form of inflorescence and in its much larger flowers.

30. B. **grisea** sp. n. Frutex. Rami ramulique griseo tomentosi. Folia approximata, coriacea, rigida, elliptica, basi rotundata in petiolum vix attenuata, apice obtusiuscula, semper brevissima obtuse mucronata, 20 mm. longa 12 mm. lata, supra lucida, hispida vel glabriuscula, subtus glauca, dense albofulvoque pubescentia, margine leviter revoluta integerrima. Racemi terminales, simplices, subcorymbosi laxi, parviflori, pedicelli crassi adpresse griseo vel ferrugineo tomentosi, 1,5 cm. longi, bracteae folliiformes pedicelli 3/4 aequales. Calyx campanulatus amplus 7 lobus, lobi lati, ovati, obtusi, pilosi, omnino liberi 6 mm. longi 4 mm. lati, petalis 5 plo breviores. Petala 7 oblonga, obovata, apice obtusa pubescentia, 2,5 cm. longa, 8 mm. lata. Stamina 14, basi dilatata pilosa, stylus crassus, exsertus stigma magnum.

New Granada: without precise locality Funck and Schlim № 1475! a very distinct species, unlike any other.

31. **B. caxamarcensis** H.B.K. Nova Gen. III p. 230.—DC. Prodr. VII p. 731.

Peru: in the Andes of Caxamarca, Humboldt.

32. **B. myrtifolia** Herincq in Rev. Hortic. Ser. III 4. (1857) p. 182.

New Grenada: prov. of Bogota. Linden № 773!, Karsten!.

33. **B. coarctata** H.B. pl. aequin. 2 p. 125 tab. 121.—H.B.K. Nova Gen. Am. III p. 228.—DC. Prodr. VII 2 p. 731.—Wedd. Ciloris and. II 1857 p. 183.—Walpers Ann. 2 p. 1123.—Paxt. et Lindl., Flower gard. I 83. Tab. 17.—Van Houtte. Fl. des Serres IV p. 3286 non *B. coarctata*. Hook. Bot. Mag. tab. 4433.

Acunna lanceolata Cav. ex DC. Prodr. VII p. 731.

Peru: Paramo de Janaguanga, near the town Caxamarca.—Columbia: In Pasto, at the Bordoncillo II 1881 Lehmann N. 564!, Without precise locality Funck and Schlim № 1600. .

34. **B. phillyriaefolia** Benth. PL Hartweg. p. 225.—Walpers, Repert. VI 420.—Wedd. Chloris andina II 1857 p. 182.

Columbia: In the prov. of Popayan, Hartweg № 1231!, Cauca 1700 m. 16. VUI. 1881 Lehmann № 823!.

36. **B. popayana** sp. n. Frutex, ramis ramulisque tomentellis. Folia conferta, coriacea, rigida oblongo-elliptica, obtusiuscula vel acuta, apice brevitercalloso-mucronata, distincte petiolata 3—3,5 cm. longa, venis distinctis conspicuis, nervo medio supra sulcato, villoso, subtus preminulo parce tomentoso. Inflorescentia racemosa, subcorymbosa, racemus solitarius, apice ramulorum dispositus, brevis parviflorus, flores magni- 5—8. Pedunculus subnullus pedicellique ferrugineo tomentosi, pedicelli parvi 10—8 mm. longi, bracteae lineares, 3—5 mm. longi ferrugineae. Calyx campanulatus, amplus 7 lobus tomentosus, vel subglaber, lobis late ovatis obtusis margine ciliatis. Petala 7 omnino pubescentia 4 cm. longa, circa 1 cm. lata oblonga apice rotundata. Stamina 14 libera, basi dilatato pilosa, petala 1/4 excedentes. Stylus longissime exscertus, stigma magnum, 7 partitun.

Columbia: Popayan, Karsten! Allied to *B. phillyriaefolia* from which differs in the pubescence of the petals, in dimension of the flowers, and in the very short peduncle.

36. **B. corymbosa** sp. n. Frutex, ramis ramulisque tòmentellis. Folia coriacea, rigida, oblonga, apice obtusiuscula, brevissime callosa, distincte petiolata, 3 cm. longa, 1—1,5 cm. lata, glabra, subtus glauca, supra lucida, venis distinctis, conspicuis, nervo medio supra sulcato, villoso, subtus prominulo parce tomentoso. Inflorescentia corymbosa, corymbus solitarius, apice ramulorum dispositus, brevis, parviflorus, flores magni. Pedunculus brevis pedicellique ferrugineo tomentosi, pedicelli 1—1,5 cm. longi, bracteae lanceolatae foliiformes pedicellum aequantes. Calyx campanulatus, amplus, 7 lobus, breviter ferrugineo pilosus, lobi late voati, apice attenuati, margine ciliati. Petala 7 glabra, margine ciliata, 2 cm. longa, 0,7 cm. lata, oblonga, apice rotundata. Stamina 14 libera basi dilatata pilosa, petala 1/4 excedentes. Stylus exsertus, stigma magnum 7 partitum.

Columbia: Paste, venta Menes. Karsten.

Allied to *B. popayana* from which differs in glabrous petals and in dimension of the bracts, which are equal to the pedicels.

Imperfectly known species.

37. **B. cinnamomea** Lindl. in Garden. Chron. 1848. We have no specimen of this species in our herbar, and we know it only by the short description given in Flow. Gard. I. 86 [1]). It seems to be near to *B. Lehmanniana,* which differs by its large flowers and corymbous inflorescence.

38. **B. Schomburgkiana** Klotsch in Schomb. Reisen in British Guiana III p. 1088. — Brown in Trans. Linn. Soc. Ser. II vol. VI. p. 10.

In both works only the name is mentioned. Guiana, Humiruda and southern declivity of Mount Roraima 6000 ft. R. Schomburgk.

39. **B.tricolor** Linden ex Herincq. Rev. Hortic. Ser. III. 4 p. This is the diagnosis given by Mr. Herincq: „The plant has the branches ferrugineous and the leaves blazing. The flowers are very pretty, white and pink with yellow spots at the base of the petals". It is too short, for the species could be placed on a certain place in the system of Bejarias.

Doubtful species.

40. **B. floridana** Gdgr. Sertum plantarum novarum in Bull. de la Soc Botanique de France. T. 65 IV Série XVIII 1918. The description given by Gandoger is too small and appears to be only a comparison with *B. racemosa.* „a *B. racemosa* recedit ramis novellis non hispidis, foliis oblongis majoribus, pedunculis viscosis bracteis multo brevioribus fructuque magis depresso. Folia coriacea, glauca integerrima 1/2". The author says It to be more frequent than *B. racemosa.* It is possible, this species is only a variation of *B. racemosa,* but we can approuve that it is a much more differenciert form than the *B. racemosa.*

41. **B. parvifolia** Rusby, Bull. № 4 New York Bot. Gard. VIII 110 i(1912) We cannot find the difference between this species and *B. glauca* H. et B. We have not seen the specimen of M. Williams, but the description is quite identical with the one of Mr. Humboldt.

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[1]) „Branches downy and hispid; leaves sligtly downy above covered beneath with thick ferruginous wool. Flowers in a close terminal panicle, with very wooly and hispid stalks, and calyces. Its flowers are smaller than in *B. aestuans,* and are arranged in a close panicle".