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LEGUMINOSAE RIOGRANDENSES

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LEGUMINOSAE RIOGRANDENSES

† B. Rambo, SJ.

The large Family of the Leguminosae in the southernmost State of Brazil, Rio Grande do Sul, has received, during the last hundred years, several more or less intensive treatments. Bentham, Flora Brasiliens 15, 1, 2 (1859-1876), has 112 species collected within the confines of this State; Lindman (1900), 41; Malme (1931), 153; Bornmüller (1934), 62; Rambo (1953), 231.

After Herter (1930), the number of Uruguayan Leguminosae is about 160 native species. Those of Argentina (Burkart 1952) number 571. The Herbarium Anchietá (PACA, 1931-1961) contains, among 65,000 sheets of Riograndean Phanerograms, 3,136 collections of Leguminosae (Caesalpinoideae 405, Mimosoideae 829, Papilionatae 1902) representing 231 species in 56 genera.

The following enumeration is meant to give an approximate idea as to the number and identity of the Riograndean Leguminosae, and an exact one as to their geographical findplaces within the State, their ecological habitats, and other noteworthy details. If not otherwise, collecting has been achieved by B. Rambo SJ, and determination by K. Emrich and B. Rambo SJ.

In order to facilitate orientation, the approximately square area of the State is divided into four quadrants with the following subdivisions:

- NEL — northeastern Lowlands: granite and sandstone hills, swamps, Campos, woodlets, small portions of subtropical rain forest.
- NEC — northeastern sea coast: sand dunes, swamps, dry Campos, swamps.
- NES — northeastern slope of the Serra Geral: subtropical rain forest.
- NEH — northeastern Highlands: Campos, swamps, Araucaria forests.
- SEC — southeastern sea coast: sand dunes, swamps, dry Campos, woodlets, gallery.
- SEH — southeastern hill lands: granit hills, dry Campos woodlets, gallery.
- SW — southwestern plains: Campos, swamps, sandstone hills, woodlets, gallery.

- NWH — northwestern Highlands: patches of rain forest, dry Campos.
 NWU — northwestern valley of the Uruguay River: subtropical rain forest bordering with Campos.
 CL — central Lowlands: Campos, gallery, woodlets.
 CS — central slope of the Serra Geral: subtropical rain forest.
 CH — central Highlands: Campos, woodlets, gallery.
 RGS — Rio Grande do Sul.
 SC — Santa Catarina.

MIMOSOIDEAE.

ACACIA Adans.

Acacia bonariensis Gill.

ap. Hook., Bot. Misc. 3 (1833) 207; Bentham, FB 15,2 (1876) 398; Herter, Flor Urug. (1930) 67; Malme, Ark. f. Bot. 23A, n. 13 (1931) 9; Bornmüller, Rev. Sud. Bot. 1 (1934) 141; Burkart, Leg. Arg. (1952) 99; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 114 et passim.

1406 RGS, ad montem Steinkopf p. S. Leopoldo, NEL, ad silvulum campestrem; 6.11.1922, fl.

4102 RGS, Rio Mancarrão p. Quaraí, SW, ad silvulam, 14.1.1941, fr. juv.

6436 RGS, sine loco, sine die, fr. maturo, det. Burkart.

9450 RGS, Jarí p. Tupanciretan, NWH, ad silvam, 27.1.1942, ster.

25066 RGS, S. Leopoldo, NEL, in silvula campestri, 1943, fr. semievoluto, leg. A. Reckziegel SJ.

25396 SC, Florianópolis, ad silvam, 11.1.1942, fl., leg. A. Rohr SJ.

25444 RGS, sine loco, sine die, fl.

25760 RGS, Fazenda Sta. Cecília p. S. Gabriel, SW, in silvula, 1.1944, fl.

26009 RGS, Fazenda do Jarau p. Quaraí, SW, in silvula riparia, 1.1945, fl., leg. P. Buck SJ, det. Burkart.

26045 RGS, ibidem, 1.1945, fl.

26241 RGS, ibidem, 1.1945, fr. juvenili.

26444 RGS, Fazenda das Almas p. Palmares, NEL, in silvula sabulosa, 1.1945, fl., leg. P. Buck SJ, det. Burkart.

26998 RGS, Morro da Polícia p. P. Alegre, NEL, in silvula campestri, 10.1944, fl.

28255 RGS, Nonoai ad fl. Uruguay, NWU, in silvula, 3.1945, ster.

31840 SC, Sombrio p. Araranguá, in dumosis, 9.2.1946, ster.

32618 RGS, Pareci p. Montenegro, NEL, ad silvam pluviale, 10.10.1945, fl., leg. E. Henz SJ.

- 35760** RGS, Fazenda Sta. Cecília p. S. Gabriel, SW, in silvula campestri, 1.1944, fl.
- 36084** RGS, Campinas p. Sta. Rosa, NWH, ad silvam scandens, 2.1947, fl., leg. A. Spies.
- 38552** RGS, ad montem das Cabras p. S. Leopoldo, NEL, ad silvam campestrem, 7.12.1948, fl.
- 38673** RGS, Rio dos Sinos p. S. Leopoldo, NEL, in silvula campes- tri, 10.12.1948, fl.
- 38774** RGS, Conceição p. Caí, NEL, in silvula campestri, 14.12.1948, fl.
- 39439** RGS, Teresópolis p. P. Alegre, NEL, ad silvam, 4.1.1948, fl.
- 39509** RGS, Cristal p. P. Alegre, NEL, in silvula sabulosa, 5.1.1949, fl.
- 39827** RGS, Pareci p. Montenegro, NEL, in silva campestri, 14.11.1949, fl.
- 44780** RGS, Glorinha p. Gravataí, NEL, in silvula, 14.12.1949, fl.
- 46684** RGS, Viamão p. P. Alegre, NEL, in silvula campestri, 10.4.1950, fr.
- 47364** RGS, Campinas p. Sta. Rosa, NWH, in silva, 2.1950, fr. ma- turo, leg. A. Spies.
- 48406** RGS, Pareci p. Montenegro, NEL, in secundariis, 7.11.1945, fl., leg. A. Sehnem SJ 1449.
- 51715** RGS, Palmares ad Lagoa dos Patos, NEL, in silvula campestri, 8.1.1952, fl.
- 52229** RGS, ibidem, 1.1952, fl., leg. E. Henz SJ.
- 60843** RGS, Sta. Rita p. Farroupilha, NEH, ad silvam, 18.5.1957, fr., leg. O. Camargo 1475.
- 61752** RGS, Taquarí, CL, ad silvam, 10.12.1957, fl., leg. O. Ca- margo 2817.
- 62993** RGS, Pôrto Alegre, NEL, ad silvam, 24.12.1957, fl., leg. O. Camargo 3085.
- 63938** RGS, Pelotas, SEC, ad silvam, 7.3.1956, fr., leg. J. Sacco 527.

Habit: Woody, thorny half-climber, up to 10 m high; cylindrical heads yellow.

Habitat: Edge of the rain forest, secondary growth, Campos woodlets.

Distribution in RGS: Through the whole of the forested area, except for the highest and coldest quarters of the northeastern Highlands.

General distribution: Northern Argentina, Paraguay, Argentine Mesopotamia, South Bra- sil, Uruguay.

Acacia caven (Mol.) Mol.,

Sagg. Stor. Nat. Chili, ed. 2 (1810) 163, 299; Bentham, FB 15, 2 (1876) 395; Malme, Ark. f. Bot. 23A, n. 13 (1931) 9; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 114 et passim. — *Mimosa caven* Mol., Sagg. Stor. Nat. Chili (1782) 354.

- 1006** RGS, S. Miguel p. S. Luiz, NWH, in campestribus, 29.1.1938, ster.

- 2773** RGS, Sta. Maria, CL, in campestribus siccis dumosis, 1.9.1936, fl. subaperto, leg. W. Rau.
- 4157** RGS, Rio Garopá p. Quaraí, SW, in campestribus dumosis, 14.1.1941, fr. submature.
- 7405** RGS, S. Leopoldo, NEL, culta?, 1907, fl. semievoluta, leg. F. Theissen SJ.
- 10983** RGS, Marcelino Ramos ad fl. Uruguay superius, NWU, in silvula, 1.1943, ster., leg. E. Friderichs SJ.
- 25657** RGS, Fazenda Sta. Cecília p. S. Gabriel, SW, in campestribus dumosis, 1.1944, ster.
- 26249** RGS, Fazenda do Jarau p. Quaraí, SW, in campestribus siccis dumosis, 1.1945, fr. maturo.
- 30026** RGS, S. Leopoldo, NEL, culta, 9.1945, fl., leg. A. Steffen SJ.
- 30041** RGS, Sta. Maria, CL, in campestribus, 1936, ster., leg. W. Rau.
- 33410** RGS, S. Leopoldo, NEL, culta, 17.7.1946, fl., leg. A. Steffen SJ.
- 47555** Argentina, Tucumán, in semideserto, 10.1948, fl.
- 48042** RGS, S. Luiz, NWH, in campestribus siccis, 4.2.1949, fr. maturo, leg. A. Sehnem 3604.
- 58777** RGS, Estação de Silvicultura p. Sta. Maria, CL, in campestribus solitaria, 1.3.1956, ster., leg. O. Camargo 112.
- 61319** RGS, S. Miguel p. S. Luiz, NWH, in silvula, 4.11.1956, ster., leg. J. Pivetta 1214.

Habit: Low, contorted, spiny tree, up to 5 m high; heads yellow.

Habitat: Dry, grassy Campo, thickets, woodlets.

Distribution in RGS: Western to central Campos area only.

General distribution: Northern and northeastern Argentina, RGS.

Acacia farnesiana (L.) Willd.

Spec. 4 (1806) 1083; Bentham, FB 15,2 (1876) 394; Herter, Flor. Urug. (1930) 67; Burkart, Leg. Arg. (1952) 98; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 114 et passim. — *Mimosa farnesiana* L., Spec. Plant. (1753) 1506.

11003 RGS, Sta. Maria, CL, in campestribus siccis dumosis, 1943, fl., leg. A. Heidler SJ.

25094 RGS, S. Leopoldo, NEL, culta, 1907, fl., fr. juvenili, leg. F. Theissen SJ.

Habit: In all parts hardly distinguishable from the preceding, except for the leaflets which are more than twice as large.

Habitat: The same places as the precedent.

Distribution in RGS: Western Campos area only; much rarer than the precedent.

General distribution: From the Antilles and northern South America to Paraguay, RGS, and Uruguay; often cultivated.

Acacia nitidifolia Speg.,

Bol. Ac. Ci. Cord. 26 (1924) 191; Burkart, Leg. Arg. (1952) 99; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 114 et passim.

- 781** RGS, Esteio p. S. Leopoldo, NEL, in silva campestri, 5.11.1933, fl.
1405 RGS, S. Leopoldo, NEL, in silva campestri, 6.12.1922, fl.
28517 RGS, Nonoai ad fl. Uruguay superius, NWU, in silva pluviali, 3. 1945, ster.
35650 RGS, Kappesberg p. Montenegro, NES, in silva pluviali, 27. 12.1946, fl., leg. E. Henz SJ.
38266 RGS, Esteio p. S. Leopoldo, NEL, in silva campestri, 24.11. 1948, fl.
40038 RGS, Linha Bonita p. Montenegro, NES, in silva pluviali, 19. 1.1949, fr. juvenili.
40626 RGS, Esteio p. S. Leopoldo, NEL, in silva campestri, 23.3. 1949, fr. semievoluta.
54970 RGS, Vila Oliva p. Caxias, NEH, in araucarieto, 24.2.1954, fr. submatureo.
57919 RGS, Pestana p. Ijuí, NWH, in silva, 22.11.1953, fl., leg. J. Pivetta 1071.
59785 RGS, Farroupilha, NEH, in araucarieto, 12.4.1957, ster., leg. O. Camargo 1269.

Habit: Strong, woody climber, up to 20 m high; upper surface of the leaflets shining; stems quadrangular, young ones brown-glaucous.

Habitat: Interior of the full grown rain forest.

Distribution in RGS: Through the whole of the rain forest area, not very frequent.

General distribution: Paraguay, Misiones, RGS.

Acacia recurva Benth.,

FB 15, 2 (1876) 402; Burkart, Leg. Arg. (1952) 99; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 114 et passim.

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10992 RGS, Nova Petrópolis, NES, in silva pluviali, 1.1943, fl.
43134 RGS, Vila Oliva p. Caxias, NEH; in araucarieto, 28.8.1949, fr.
44665 RGS, ibidem, 3.2.1949, fl.
49481 RGS, Mato Leitão p. Venâncio Aires, CL, in silva pluviali, 1.1.1951, fl.
57920 RGS, Pestana p. Ijuí, NWH, in silva, 21.12.1953, fl., leg. J. Pivetta 1070.

Habit: High woody climber.

Habitat: Interior of the rain forest up to the fringe of the Araucaria woods.

Distribution in RGS: Apparently through the whole of the northern rain forest area.

General distribution: From Rio de Janeiro to Misiones and RGS.

Acacia tucumanensis Gris.,

Goett. Abh. 24 (1874) 135; Burkart, Leg. Arg. (1952) 100; Rambo,

An. Bot. Herb. Barb. Rodr. 5 (1953) 114 et passim. — A. riparia H. B. K., Nov. Gen. et Spec. 4 () 276; Bentham, FB 15, 2 (1876) 403; Malme, Ark. f. Bot. 23A, n. 13 (1931) 9; Bornmüller, Rev. Sud. Bot. 1 (1934) 141.

8412 RGS, Xarqueadas p. S. Jerônimo, NEL, in silva riparia, 8.1. 1942, fl.

10985 RGS, Cérro Largo p. S. Luiz, NWH, 1943, in ripariis scandens, leg. P. Buck SJ.

10993 RGS, Marcelino Ramos ad fl. Uruguay superius, NWU, in silva pluviali, 1.1943, fl., leg. E. Friderichs SJ.

11870 RGS, Caxias, NEH, in silva pluviali, 1932, fr. juvenili, leg. Irm. Augusto.

28084 RGS, Vila Oliva p. Caxias, NEH, in silva pluviali, 2.1945, fr. submaturo, leg. P. Buck SJ.

31949 SC, Sombrio p. Araranguá, in silva pluviali, 11.12.1945, fl., leg. R. Reitz 1351.

35773 RGS, Kappesberg p. Montenegro, NES, in silva pluviali, 27. 12.1946, fl., leg. Rabuske SJ.

37188 RGS, Sobradinho, CH, in silva pluviali, 1.1948, fl., leg. J. Becker.

39967 RGS, ad montem Ferrabraz p. Novo Hamburgo, NEL, in silva pluviali, 12.1.1949, fl.

44929 RGS, Itapoan p. P. Alegre, NEL, in silvula riparia, 23.12.1949, fl.

45151 RGS, Fazenda do Arroio p. Osório, NEC, in silvula sabulosa, 4.1.1950, fl.

48032 RGS, Cérro Largo p. S. Luiz, NWH, in silva pluviali, 20.12. 1948, fl., leg. A. Sehnem SJ 3536.

53253 RGS, ibidem, 20.11.1952, fl.

53661 Paraná, Salto Iguass, in silva, 11.1.1953, fl.

53676 SC, Itapiranga, ad fl. Uruguay sujerius, in silva pluviali, 17. 1.1953, fl.

57384 RGS, Estação de Silvicultura p. Sta. Maria, CL, in silva pluviali, 23.12.1955, fl., leg. O. Camargo 51.

57921 RGS, Pestana p. Ijuí, NWH, in silva, 13.12.1953, fl., leg. J. Pivetta 1059.

59784 RGS, Farroupilha, NEH, in silva, 15.2.1957, fl., leg. O. Camargo, 1145.

Habit: High, woody climber, up to 20 m high.

Habitat: Edge and interior of the ripe rain forest, secondary growth, woodlets, gallery.

Distribution in RGS: Through the whole of the northern rain forest area.

General distribution: From the West Indies and northern South America to RGS.

Acacia velutina DC.,

Prodr., 2 (1825) 459; Burkart, Leg. Arg. (1952) 99; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 115 et passim.

2189 RGS, Kappesberg p. Montenegro, NES, in silva pluviali, 27.

- 12.1935, fl., det. Burkart (var. *glabrescens* (Spög.) Burk.)
- 10984** RGS, Cérro Largo p. S. Luiz, NWH, in silva pluviali, 1943, fl., leg. P. Buck SJ.
- 47359** RGS, Campinas p. Sta. Rosa, NWH, in silva pluviali, 2.1947, fl. leg. A. Spies.
- 48033** RGS, Cérro Largo p. S. Luiz, NWH, in silva pluviali, 23.12. 1948, fl., leg. A. Sehnem SJ 3562.
- 53222** RGS, ibidem, 20.11.1952, fl.
- 53704** SC, Itapiranga ad fl. Uruguay superius, in silva pluviali, 17. 1.1953, fl.
- 57918** RGS, Pestana p. Ijuí, NWH, in silva, 12.11.1953, fl., leg. J. Pivetta 1072.

Habit: Strong, woody climber, up to 20 m high.

Habitat: Interior of the rain forest.

Distribution in RGS: Through the whole of the rain forest area in the northern half of the State.

General distribution: Misiones, South Brazil to RGS.

ARTHROSAMANEA Britt. et Rose emend. Burk.

***Arthrosamanea polyantha* (A. Spreng.) Burk.**

Darwiniana 9 (1949) 66; Leg. Arg. (1952) 108; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 129 et passim. — *Acacia polyantha* Spreng., Syst. Veg. 5 (1828) 3. — *Pithecolobium multiflorum* (H. B. K.) Benth., Hook. Journ. Bot. 3 (1844) 445; FB 15, 2 (1876) 445; Malme, Ark. f. Bot. 23A, n. 13 (1931) 13, fig. 6.

- 3153** SC, Florianópolis, in silva, 6.1938, ster.
- 11001** RGS, Sta. Maria, CL, in silva, 1943, fl., leg. A. Heidler SJ.
- 11007** RGS, Tannenwald p. S. Leopoldo, NES, in silva pluviali, 12. 1942, fl., det. Burkart.
- 25067** RGS, Feliz p. Caí, NES, in secundariis, 1943, ster., leg. A. Reckziegel.
- 26464** RGS, Pareci p. Montenegro, NEL, in silva, 1944, folium, leg. E. Henz SJ.
- 28185** RGS, Nonoai ad fl. Uruguay, NWU, in silva pluviali, 3.1945, ster.
- 30543** SC, Turvo p. Araranguá, in secundariis, 11.11.1943, fl., leg. R. Reitz 979.
- 49123** RGS, Butterberg p. Montenegro, NES, in secundariis, 13.11. 1950, flore nondum aperto.
- 59792** RGS, Farroupilha, NEH, in silva, 12.4.1957, ster., leg. O. Camargo 1259.

Habit: Medium to high tree up to 20 m.

Habitat: Subtropical rain forest, secundary growth.

Distribution in RGS: Through the whole of the northern forested area of the State.

General distribution: From Amazonia to RGS and Uruguay.

Arthrosamanea polyccephala (Gris.) Burk.

Darwiniana 9 (1949) 69; Leg. Arg. (1952) 108; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 129 et passim. — Pithecolobium polyccephalum Benth., Hook. Journ. Bot. 3 (1844) 219; FB 15,2 (1876) 446 tab. 117.

1813 RGS, Instituto Borges de Medeiros p. P. Alegre, NEL, culta, 3. 3.1934, fl., fr. novissimo, det. Burkart.

Habit: Medium tree.

Habitat: As far as possible to ascertain, in gallery forests.

Distribution in RGS: If really native in this State, then in the western area only.

General distribution: Chaco, RGS.

CALLIANDRA Benth.

Calliandra foliolosa Benth.,

FB 15,2 (1876) 423; Burkart, Leg. Arg. (1952) 111; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 115 et passim.

1407 SC, Itapiranga ad fl. Uruguay superius, ad flumen in dense dumosis, 16.2.1934, fl.

26794 RGS, Cérro Largo p. S. Luiz, NWH, ad flumen in rupestribus, 9.1944, fl., leg. E. Friederichs SJ.

36042 RGS, Campinas p. Sta. Rosa, NWH, ad rivum in dumosis, 2. 1947, fl., leg. A. Spies.

48217 RGS, Iraí ad fl. Uruguay, NWU, ad silvam, 11.1949, fr. sub-maturo, leg. K. Emrich.

51139 Paraná, Cérro Azul, in dumosis ad flumen, 2.10.1949, fl., leg. G. Hatschbach 1509, det A. Burkart.

61194 RGS, Frederico Westphalen, NWU, in humidis rupestribus, 9. 10.1957, fl.

61866 RGS, Passo Fundo, CH, in dumosis, 20.10.1957, fl., leg. O. Camargo 2186.

Habit: Shrub to small tree, up to 5 m high: flower heads white and red.

Habitat: Rocky, wet, more or less bare places.

Distribution in RGS: Northwestern rain forest belt only.

General distribution: From Minas Gerais and Paraguay to Misiones and northwestern RGS.

Calliandra selloi (Spreng.) Macbr.

Contrib. Gray Herb. n. s. 59 (1919) 5; Burkart, Leg. Arg. (1952) 111; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 115 et passim. — Acacia selloi Spreng., Syst. Veg. 3 (1826) 137. — Calliandra brevipes (Spreng.) Benth., Hook. Journ. Bot. 2 (1840) 140; FB 15,2 (1876) 416, tab. 107; Herter, Flor. Urug. (1930) 67; Malme, Ark. f. Bot. 23A, n. 13 (1931) 8.

- 2191** RGS, Campestre p. Montenegro, NES, ad rivum in rupestribus, 27.12.1935, fl., det. Burkart.
- 4650** RGS, sine loco, sine die, fl.
- 4795** RGS, Passo do Inferno p. Canela, NES, ad flumen in rupestribus, 10.2.1941, fl.
- 5000** RGS, Carácol p. Canela, NES, ad flumen in rupestribus dumosis, sine die, fl., leg. K. Emrich, det. Burkart.
- 8345** RGS, Passo Selbach p. Caí, NEL, ad flumen in saxosis, 14.12.1941, fl..
- 9138** RGS, Jarí p. Tupanciretan, NWH, ad rivum in rupestribus 26.1.1942, fl.
- 9545** RGS, Tupanciretan, NWH, ad rivum, 28.1.1942, fl.
- 10998** RGS, Sta. Maria, CS, ad rivum in saxosis, 3.1936, ster., leg. W. Rau.
- 11006** RGS, Ijuí, NWH, ad rivum im rupestribus, 20.2.1943, fl., leg. H. Hoffmann.
- 28534** SC, Turvo p. Araranguá, ad flumen in dumosis, 23.10.1943, fl., leg. R. Reitz 943.
- 30749** RGS, Vila Oliva p. Caxias, NEH, ad rivum in saxosis, 29-1-1946, fl.
- 31259** RGS, ibidem, 21.2.1946, fl.
- 34383** RGS, Pôrto Alegre, NEL, culta, 11.11.1946, fl., leg. K. Emrich.
- 46362** RGS, Gramado p. Canela, NEH, ad flumen in rupestribus, 20.3.1950, fl.
- 47161** RGS, ad flumen Piaí p. Caxias, NES, in rupestribus, 21.6.1950, fl.
- 47734** RGS, Forromeco p. Montenegro, NES, ad rivum in saxosis, 15.11.1949, fl., leg. A. Sehnem SJ 4051.
- 47885** RGS, Sta. Cruz, CS, ad rivum in rupestribus, 26.12.1946, fl., leg. A. Sehnem SJ 2374.
- 50626** RGS, Campestre p. Montenegro, NES, ad rivum in saxosis, 21.9.1949, fl., fr. juvenili, leg. A. Sehnem SJ 3865.
- 56561** RGS, Passo do Inferno p. Canela, NES, ad flumen in rupestribus dumosis, 9.1.1955, fl. albo-roseo.
- 56806** RGS, ibidem, 15.2.1955, fl. pure albo.
- 57916** RGS, Pestana p. Ijuí, NWH, ad flumen, 22.1.1954, fl., leg. J. Pivetta 1075.
- 58861** RGS, Estação de Silvicultura p. Sta. Maria, CL, ad rivum, 3.2.1956, fl., leg. O. Camargo 168.
- 63925** RGS, Pelotas, SEC, ad rivum in silva, 9.3.1956, fl., leg. J. Sacco 583.

Habit: Shrub or small tree, up to 5 m high.

Habitat: Rocky, wet places at the banks of streams and rivers.

Distribution in RGS: Through the whole of the forested area.

General distribution: From Bahia to Misiones, RGS and Uruguay.

Calliandra tweediei Benth.,

Hook. Journ. Bot. 2 (1840) 140; FB 15,2 (1876) 424; Herter, Flor. Urug. (1930) 67; Malme, Ark. f. Bot. 23A, n. 13 (1931) 8; Bornmüller, Rev. Sud. Bot. 1 (1934) 141; Burkart, Leg. Arg. (1952) 111; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 115 et passim.

- 165** RGS, Vila Manresa p. P. Alegre, NEL, ad rivum in silvula, 2.1. 1933, fl.
- 6453** RGS, Sta. Clara p. Lageado, CL, in silvula, 18.11.1940, fl.
- 7400** RGS, S. Leopoldo, NEL, in silvula, 1907, fl., fr., leg. F. Theissen SJ.
- 10989** RGS, Sta. Maria, CL, in silvula campestri, 1943, fl., leg. A. Heidler SJ.
- 10996** RGS, P. Alegre, NEL, in silvula campestri, sine die, fl. leg. K. Emrich.
- 11005** RGS, Nova Petrópolis, NES, in silvula rupestris, 1.1943, fr. subm.
- 25032** RGS, S. Leopoldo, NEL, in silvula campestri, 1943, fl., leg. A. Reckziegel.
- 25089** RGS, ibidem, 1907, fl., leg. F. Theissen SJ.
- 25652** RGS, Fazenda Sta. Cecília p. S. Gabriel, NW, in silva riparia, 1.1944, ster.
- 26176** RGS, Fazenda do Jarau p. Quaraí, SW, in silvula riparia, 1. 1945, ster.
- 26568** RGS, Pareci p. Montenegro, NEL, in silvula campestri, 1944, ster., leg. E. Henz SJ.
- 26581** RGS, ibidem, 1944, fl., leg. E. Henz SJ.
- 26704** RGS, Cérro Largo p-S. Luiz, NWH, in silvula riparia, 9.1944, fl., leg. E. Friderichs SJ.
- 27181** RGS, Vila Manresa p. P. Alegre, NEL, ad rivum in silvula, 10. 1944, fl., det. Burkart.
- 27381** RGS, ibidem, 10.1944, fl.
- 27531** RGS, Pareci p. Montenegro, NEL, in silvula campestri, 1944, ster., leg. E. Henz SJ.
- 28472** RGS, Nonoai ad fl. Uruguay superius, NWU, in silvula campestri, 3.1945, fl.
- 28978** RGS, Vila Manresa p. P. Alegre, NEL, in silvula rupestris, 15. 8.1945, fl. subaperto.
- 29636** RGS, Pareci p. Montenegro, NEL, in silvula campestri, 19.9. 1945, fl., leg. E. Henz SJ.
- 29742** RGS, Kappesberg p. Montenegro, NES, in rupestribus dumosis, 20.9.1945, fl., leg. A. Bruxel SJ.
- 30542** SC, Sombrio p. Araranguá, NEC, in silvula arenosa, 4.10. 1943, fl., leg. R. Reitz 956.
- 33810** RGS, Pôrto Alegre, NEL, culta, 30.9.1946, fl., leg. K. Emrich.
- 35669** RGS, ibidem, culta, 30.9.1946, fl., leg. K. Emrich.
- 37328** RGS, Morro da Polícia p. P. Alegre, NEL, in silvula rupestris, 16.7.1948, fl.

- 37382** RGS, sine loco, sine die, fl.
- 37424** RGS, vila Manresa p. P. Alegre, NEL, in silvula rupestris, 19.8.1948, fl., fr. maturo.
- 39649** RGS, Morro das Abertas p. P. Alegre, NEL, in rupestribus dumosis, 9.1.1949, fl.
- 40619** RGS, Esteio p. S. Leopoldo, NEL, in silvula campestris, 23.3.1949, fl.
- 41983** RGS, Morro Santana p. P. Alegre, NEL, in silvula, 15.6.1949, fl.
- 42471** RGS, Pareci p. Montenegro, NEL, in silvula rupestris, 7.7.1949, fl.
- 42879** RGS, Schwabenschneis p. Novo Hamburgo, NEL, in silva rupestris, 12.8.1949, fl.
- 43477** RGS, Vila Manresa p. P. Alegre, NEL, ad silvam campestrem, 20.9.1949, fl.
- 43785** RGS, Pareci p. Montenegro, NEL, ad silvam in rupestribus, 7.10.1949, fl., fr. submaturo.
- 47093** RGS, Vila Manresa p. P. Alegre, NEL, in silvula rupestris, 15.5.1950, fl.
- 47816** RGS, Badensertal p. Montenegro, NES, ad rivum in rupestribus, 8.9.1949, fl., leg. A. Sehnem SJ 3825.
- 47948** RGS, Cérro Largo p. S. Luiz, NWH, ad rivum in silvula, 20.12.1948, fr. maturo, leg. A. Sehnem SJ 3547.
- 48456** RGS, Pôrto Pereira p. Montenegro, NEL, in silvula sabulosa, 16.9.1945, fl., leg. A. Sehnem SJ 1481.
- 48685** RGS, Vila Manresa p. P. Alegre, NEL in silvula rupestris, 31.1.1950, fr. maturo.
- 48852** RGS, Granja Neugebauer p. Itapoan, NEL, in rupestribus dumosis, 27.9.1950, fl.
- 56492** RGS, Torres, NEC, in graminosis rupestribus, 19.1.1955, fl. (forma enana, 0,1–0,2 m high).
- 57282** RGS, Vila Manresa p. P. Alegre, NEL, in silvula, 24.9.1955, fl.
- 57915** RGS, Pestana p. Ijuí, NWH, in dumosis ad flumen, 1953, fl., leg. J. Pivetta 1076.
- 58726** RGS, Estação de Silvicultura p. Sta. Maria, CL, in silvula ad rivum, 1.3.1956, ster., leg. O. Camargo 61.
- 58862** RGS, ibidem, 3.2.1956, fl., leg. O. Camargo 167.
- 60726** RGS, Passo Fundo, CH, in silvula, 4.1957, ster., leg. P. Freddiani.
- 61865** RGS, Passo Fundo, CH, in silvula, 20.10.1957, fl., leg. O. Camargo 2185.
- 62323** RGS, Montenegro, NEL, in silvula rupestris, 19.9.1957, fl., leg. O. Camargo 1787.
- 62421** RGS, ibidem, 19.9.1957, fl., leg. O. Camargo 1717.
- 62663** RGS, Pôrto Alegre, NEL, in silvula, 2.11.1957, fl., fr.
- 62682** RGS, ibidem, 2.11.1957, fl., leg. O. Camargo 2381.
- 63423** RGS, Pelotas, SEC, in silvula, 24.3.1958, fl., leg. J. Sacco 1061.

Habit: Shrub or small tree, up to 5 m high.

Habitat: Rocky, more or less bare places, river banks.

Distribution in RGS: Through the whole of the forested area, with the exception of the highest and coldest quarters of the northeastern Highlands.

General distribution: From S. Paulo to Uruguay.

DESMANTHUS Willd.

Desmanthus depressus (Poir.) H. et B.

ap. Willd. Spec. 4 (1806) 1016; Bentham, FB 15,2 (1876) 293; Herter, Flor. Urug. (1930) 67; Malme, Ark. f. Bot. 23A, n. 13 (1931) 14; Burkart, Leg. Arg. (1952) 117; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 115 et passim. — *Mimosa depressa* Poir., Dict. Suppl. 1 (1810) 58.

6464 RGS, sine loco, sine die, fl., fr.

26046 RGS, Fazenda do Jarau p. Quaraí, SW, in campestribus siccis graminosis, 1.1945, fl., fr.

26124 RGS, ibidem, 1.1945, fl., fr. maturo.

27036 RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis graminosis, 10.1944, fl., det. Burkart.

63355 RGS, Pelotas, SEC, in campestribus, 23.3.1955, fl., fr., leg. J. Sacco 957, det. Burkart.

Habit: Small shrub, abundantly branched from the base, with a thick, beet-like root, branches ascending to upright, up to 30 cm long.

Habitat: Dry, grassy, lightly shrubby Campos.

Distribution in RGS: In the sense of Burkart, in the southern half of the State only, not frequent.

General distribution: From the South of USA to Uruguay and B. Aires.

Desmanthus paspalaceus (Lindm.) Burk.

Darwiniana 7 (1946) 221; Leg. Arg. (1952) 117; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 115 et passim. — *Acuan virgata* Med. forma *paspalaceae* Lindm., Bih. till. K. Sv. Vet. Akad. Handl. 24, Afdel. 3, n. 7 (1898) 44.

9774 RGS, Tupanciretan, NWH, in campestribus siccis graminosis, 29.1.1942, fr. maturo.

9853 RGS, ibidem, 29.1.1942, fr. submaturo.

35407 RGS, S. Leopoldo, NEL, in campestribus siccis dumosis, 6.11.1946, fl., fr. submaturo, leg. E. Henz SJ.

53231 RGS, Cêrro Largo p. S. Luiz, NWH, in siccis dumosis, 20.11.1952, fr. maturo.

Habit: Very similar to the precedent.

Habitat: Dry grassy or shrubby places in the Campos.

Distribution in RGS: As far as collections go, more frequent in the western Campos.

General distribution: Misiones, RGS.

***Desmanthus tatuhensis* Hoehne,**

Rev. Mus. Paulista 10 (1918) 655; Burkart, Darwiniana 9 (1951) 394;
Leg. Arg. (1952) 117; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953)
115 et passim.

8467 RGS, Arraio dos Ratos p. S. Jerônimo, NEL, in campestribus
siccis graminosis, 8.1.1942, fl.

8899 RGS, Bom Jesus, NEH, in campestribus siccis graminosis, 15.
1.1942, fl., fr. maturo.

9455 RGS, Jarí p. Tupanciretan, NWH, in campestribus siccis sub-
dumosis, 27.1.1942, fr. maturo.

9563 RGS, Tupanciretan, NWH, in campestribus subdumosis, 28.1.
1942, fl., fr. submaturo.

10028 RGS, Ijuisinho p. Tupanciretan, NWH, in campestribus siccis
dumosis, 30.1.1942, fl., fr. maturo.

11948 RGS, P. Alegre, NEL, in campestribus siccis graminosis, 1943,
fl., fr. maturo, leg. K. Emrich.

25027 RGS, S. Leopoldo, NEL, in campestribus siccis graminosis,
1943, fl., fr. maturo, leg. A. Reckziegel.

26044 RGS, Fazenda do Jaraú p. Quaraí, SW, in campestribus siccis
graminosis, 1.1945, fr. maturo.

26541 RGS, Pareci p. Montenegro, NEL, in campestribus siccis gra-
minosis, 1944, fr. submaturo, leg. E. Henz SJ.

26964 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis
graminosis, 10.1944, fr. submaturo.

27089 RGS, Vila Manresa p. P. Alegre, NEL, In campestribus siccis
graminosis, 10.1944, fl.

28267 RGS, Nonoai ad fl. Uruguay superius, NWU, in campestribus
siccis graminosis, 3.1945, fl., fr.

32304 RGS, Tainhas p. S. Francisco de Paula, NEH, in campestribus
siccis graminosis, 17.2.1946, fl.

32564 RGS, Pareci p. Montenegro, NEL, in campestribus siccis gra-
minosis, 10.10.1945, fr. submaturo, leg. E. Henz SJ.

33147 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis
graminosis, 12.12.1945, fl., fr. submaturo.

34545 RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus
siccis graminosis, 30.12.1946, fl., fr. maturo.

37742 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus du-
mosis, 22.9.1948, fl., fr. maturo.

38062 RGS, ibidem, in campestribus siccis, 17.11.1948, fl., fr. mat.

38964 RGS, Chácara Weber p. Itapoan, NEL, in campestribus alte
dumosis, 18.12.1948, fr. maturo.

- 39757** RGS, Pareci p. Montenegro, NEL, in campestribus siccis graminosis, 14.1.1949, fl., fr. maturo.
- 43575** RGS, Portão p. S. Leopoldo, NEL, in campestribus siccis graminosis, 23.9.1949, fl.
- 48270** Paraná, Eng. Bley p. Lapa, in campestribus siccis graminosis, 17.10.1948, fl., leg. G. Hatschbach 1028.
- 53394** RGS, Caaró p. S. Luiz, NWH, in campestribus dumosis, 24.11.1952, fl., fr.
- 55223** Paraná, Mafra, in campestribus graminosis, 26.1.1953, fl., leg. R. Reitz 6496, det. Burkart.
- 57923** RGS, Pestana p. Ijuí, NWH, in campestribus, 8.11.1954, fr., leg. J. Pivetta 1065.
- 58714** RGS, Estação de Silvicultura p. Sta. Maria, CL, in campestribus siccis dumosis, 3.2.1956, fr., leg. O. Camargo 217.
- 61097** SC, Lages, in campestribus siccis, 25.12.1956, fr., leg. J. Mattos.
- 61365** RGS, Pestana p. Ijuí, NWH, in campestribus siccis, 7.2.1956, fl., leg. J. Pivetta 1142.
- 63846** RGS, Passo Fundo, CH, in campestribus, 9.1.1949, fl., misit J. Sacco 100.
- 64240** RGS, Nova Petrópolis, NES, in campestribus, 3. 1958, fl., leg. J. Mattos.

Habit: Similar to the two preceding species, but generally more vigorous, up to 1 m high.

Habitat: Campos, preferably on dry, more or less shrubby places.

Distribution in RGS: Through the whole of the Campos area.

General distribution: From S. Paulo to Misiones and RGS.

Desmanthus virgatus (L.) Willd.

Spec. 4 (1806) 1047; Bentham, FB 15,2 (1876) 293, tab. 79; Herter, Flor. Urug. (1930) 67; Malme, Ark. f. Bot. 23A, n. 13 (1931) 14; Burkart, Leg. Arg. (1952) 117; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 115 et passim. — *Mimosa virgata* L., Spec. Plant. (1753) 1502.

- 167** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis dumosis, 17.9.1932, fl., fr. submaturo.
- 2942** RGS, S. Borja, SW, in campestribus, 1942, fr. submaturo, leg. Fr. Baglione.
- 8120** RGS, sine loco, sine die, fl.
- 9105** RGS, Jarí p. Tupanciretan, NWH, in campestribus siccis dumosis, 25.1.1942, fr. maturo.
- 25788** RGS, Fazenda Sta. Cecília p. S. Gabriel, SW, in campestribus alte dumosis, 1.1944, fr. submaturo.
- 30146** RGS, S. João p. P. Alegre, NEL, in campestribus siccis alte dumosis, 10.11.1945, fr. maturo, leg. K. Emrich.
- 34546** RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus siccis dumosis, 30.12.1946, fr. maturo.
- 38408** RGS, Sapucáia p. S. Leopoldo, NEL, in campestribus dumosis, 29.11.1948, fl., fr.

- 49243** RGS, Pareci p. Montenegro, in campestribus dumosis, 26.11. 1950, fl., fr.
- 50583** RGS, Gloria p. P. Alegre, NEL, in campestribus dumosis, 3.2. 1950, fl., fr., leg. A. Sehnem SJ 4363.
- 61772** RGS, Taquarí, CL, in campestribus siccis, 12.12.1957, fr., leg. O. Camargo 2893.
- 62266** RGS, P. Alegre, NEL, in campestribus, 1.10.1957, fl., leg. O. Camargo 1841.
- 63226** RGS, Uruguaiana, SW, in campestribus siccis, 1957, fr., leg. A. Spies.

Habit: Very similar to all preceding species.

Habitat: Dry, grassy or shrubby Campos.

Distribution in RGS: Apparently over the whole of the Campos area, except perhaps for the highest and coldest quarters of the northeastern Highlands.

General distribution: From North America to Uruguay and B. Aires.

Note on Desmanthus: The above cited 4 species are decidedly very weak ones, and the question arises whether it would not be more advisable to cancel them in favour of one only collective species, namely, *D. virgatus* (L.) Willd.

ENTEROLOBIUM Mart.

Enterolobium contortisiliquum (Vell.) Morong,

Ann. New York Acad. Sci. 7 (1892) 102; Herter, Flor. Urug. (1930) 67; Burkart, Leg. Arg. (1952) 106; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 129 et passim. — *Mimosa contortisiliqua* Vell., Fl. Flum. Ic. 11 (1827) tab. 25. — *E. timbouva* Mart., Herb. Fl. Bras. (1838) 128; Bentham, FB 15, 2 (1876) 456, tab. 121; Malme, Ark. f. Bot. 23A, n. 13 (1931) 8.

- 3209** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus solitarium, 16.12.1932, fl.
- 7399** RGS, S. Leopoldo, NEL, in silva campestri, 1907, fl., leg. F. Theissen SJ.
- 27317** RGS, Vila Manresa p. P. Alegre, NEL, in silva campestri, 10. 1944, fl.
- 29350** RGS, ibidem, 3.11.1945, fl.
- 32708** RGS, Zimmersberg p. Montenegro, NEL, in silva pluviali, 17. 10.1945, fl., leg. E. Henz SJ.
- 34384** RGS, Espírito Santo p. P. Alegre, NEL, in silva campestri, 14. 12.1946, fl., leg. K. Emrich.
- 38243** RGS, Morro da Polícia p. P. Alegre, NEL, in silva campestri, 17.11.1948, fl.
- 48619** RGS, Pareci p. Montenegro, NEL, in silva pluviali, 31.10.1945, fl., leg. A. Sehnem SJ 1444.
- 58808** RGS, Estação de Silvicultura p. Sta. Maria, CL, in silva campestri, 6.3.1956, ster., leg. O. Camargo 256.

- 59273** RGS, ibidem, 18.3.1956, ster., leg. O. Camargo 87.
60688 RGS, Taquarí, CL, in silva campestris, 1957, fl., leg. Machado.

Habit: Tall tree, up to 1 m in diameter and 25 m high; when growing in the open Campos, low and abundantly branched.

Habitat: Rain forest, also common in the Campos area.

Distribution in RGS: Through the whole of the rain forest area; also in the northwestern and southern Campos zone.

General distribution: From Ceará to RGS and Uruguay.

INGA Scop.

Inga affinis DC.,

Prodr. 2 (1825) 433; Bentham, FB 15,2 (1876) 496; Malme, Ark. f. Bot. 23A, n. 13 (1931) 8; Burkart, Leg. Arg. (1952) 105; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 129.

168 RGS, Juca Batista p. P. Alegre, NEL, in silva riparia, 3.1.1933, fl., det. Burkart.

169 RGS, Vila Manresa p. P. Alegre, NEL, in silvula, 17.10.1932, fl.

11978 RGS, Montserrat p. P. Alegre, NEL, in silva, 11.11.1943, fl., leg. K. Emrich.

25442 SC, Biguassú p. Florianópolis, in silva, 25.1.1943, fl. nondum aperto, leg. R. Reitz.

26552 RGS, Pareci p. Montenegro, NEL, ad flumen in silva, 1944, fl., leg. E. Henz SJ.

28284 RGS, Nonoai ad fl. Uruguay superius, NWU, ad flumen in silva, 3.1945, fr. novissimo.

34164 RGS, Vila Manresa p. P. Alegre, NEL, ad rivum, 9.10.1946, fl.

44183 RGS, Morro Santana p. P. Alegre, NEL, in silvula, 2.11.1949, fl.

55518 SC, Brusque, in silva, 1950, fl., leg. R. Reitz 5168, det. Burkart.

61770 RGS, Taquari, CL, in ripariis, 8.12.1957, fl., leg. O. Camargo 2687.

Habit: Medium tree, up to 15 m high.

Habitat: Banks of streams and rivers.

Distribution in RGS: Frequent along most the watercourses in the southern half of the State, and on the northwestern Highlands.

General distribution: From Bolivia and Pernambuco down to Misiones and RGS.

Inga lentiscifolia Benth.,

Hook. Journ. Bot. 4 (1842) 592; Bentham, FB 15,2 (1876) 468; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 129 et passim.

- 2545** RGS, S. Francisco de Paula, NEH, ad araucarietum, 14.1.1937, fl.
- 8725** RGS, Serra da Rocinha p. Bom Jesus, NEH, in silvula nebulari, 14.1.1942, ster.
- 32152** RGS, Serra do Fachinal p. S. Francisco de Paula, NEH, 14.2.1946, fr. submaturo.
- 35232** RGS, Serra da Rocinha p. Bom Jesus, NEH, in silvula nebulari, 14.2.1947, fr. maturo.
- 36181** RGS, Cambará p. S. Francisco de Paula, NEH, in silvula nebulari, 3.1948, ster.
- 48306** SC, Riosinho p. Bom Retiro, in silvula montana, 24.12.1948, fl., leg. R. Reitz 3378, det. Burkart.
- 49373** RGS, Taimbesinho p. S. Francisco de Paula, NEH, in araucarietum, 18.12.1950, fl.
- 50119** RGS, Serra do Fachinal p. S. Francisco de Paula, NEH, in silvula nebulari, 21.2.1951, fr. submaturo.
- 50958** RGS, Taimbesinho p. S. Francisco de Paula, NEH, in araucarietum, 19.12.1950, fl., leg. A. Sehnem SJ 5150.
- 54107** RGS, ibidem, 20.2.1953, fr. submaturo.

Habitat: Small to medium tree, very densely branched, up to 10 m high.

Habitat: Along streams, Araucaria forest, cloud forests.

Distribution in RGS: Northeastern Highlands only.

General distribution: South Brazil, RGS.

Inga marginata Willd.,

Spec. 4 (1806) 1015; Bentham, FB 15,2 (1876) 472, tab. 125; Malme, Ark. f. Bot. 23A, n. 13 (1931) 7; Burkart, Leg. Arg. (1952) 104; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 129 et passim.

- 170** RGS, Vila Manresa p. P. Alegre, NEL, in silva campestris, 17.1.1933, fl.
- 6529** RGS, Sta. Clara p. Lageado, CS, in secundariis, 18.11.1940, ster.
- 7339** RGS, S. Leopoldo, NEL, in silva campestris, 1907, ster., leg. F. Theissen SJ.
- 10982** RGS, Marcelino Ramos p. fl. Uruguay, NWU, ad silvam pluvialem, 1.1945, fl., leg. E. Friderichs SJ.
- 11004** RGS, ibidem, in secundariis, 1.1943, fl., leg. E. Friderichs SJ.
- 25015** RGS, Feliz, NES, ad silvam pluvialem, 1943, fl., leg. A. Reckziegel.
- 26650** RGS, Parecí p. Montenegro, NEL, in silva secundaria, 1944, fl. subaperto, leg. E. Henz SJ.
- 28268** RGS, Nonoai ad fl. Uruguay superius, NWU, ad silvam pluvialem, 3.1945, ster.
- 29426** RGS, Vila Manresa p. P. Alegre, NEL, ad silvam pluvialem, 15.11.1945, fl.
- 31807** SC, Sombrio p. Araranguá, in silva secundaria, 9.2.1946, fl.

- 32610** RGS, Parecí p. Montenegro, NEL, in silva secundaria, 31.10. 1945, fl., leg. E. Henz SJ.
- 33718** Paraná, in silva, 18.4.1946, fl., fr. submaturo, leg. G. Hatschbach.
- 36051** RGS, Campinas p. Sta. Rosa, NWH, ad silvam, 2.1947, fl., leg. A. Spies.
- 37320** Paraná, Rolandia, ad silvam, 1.1937, leg. G. Tessmann 6008, det. O. Handro.
- 37961** RGS, sine loco, sine die, fl.
- 38789** RGS, Conceição p. Caí, NEL, in silva, 16.12.1948, fl.
- 38920** RGS, S. Leopoldo, NEL, in silva campestris, 17.12.1948, fl.
- 39032** RGS, ad montem Steinkopf p. S. Leopoldo, NEL, in silva 20. 2.1948, fl.
- 40397** RGS, Vila Manresa p. P. Alegre, NEL, ad silvam, 3.3.1949, fl., fr.
- 41994** RGS, Morro Santana p. P. Alegre, NEL, in silva, 15.5.1949, fr.
- 45295** RGS, ad montem Itacolumí p. Gravataí, in silva secundaria, 11.1.1950, fl.
- 45962** RGS, Lagoa dos Quadros p. Torres, NEC, ad silvam, 21.2. 1950, fl.
- 47060** RGS, Vila Manresa p. P. Alegre, NEL, ad silvam, 15.5.1950, fr.
- 47119** RGS, Butterberg p. Montenegro, NES, ad silvam, 22.5.1950, fl.
- 47995** RGS, Kappesberg p. Montenegro, NES, in secundariis, 3.12. 1946, fl., leg. A Sehnem SJ 2323.
- 48479** RGS, ibidem, 30.9.1946, fl., leg. A. Sehnem SJ 2146.
- 48642** RGS, Tupandí p. Montenegro, NES, in secundariis, 10.11. 1945, fl., leg. A. Sehnem SJ 1440.
- 49909** SC, Itapiranga ad fl. Uruguay, ad silvam pluviale, 6.2.1951, fl.
- 51076** RGS, Kappesberg p. Montenegro, NES, ad silvam pluviale, 23.3.1951, fr. maturo, leg. A. Sehnem SJ 5691.
- 52974** RGS, Schwabenschneis p. Novo Hamburgo, NES, in secundariis, 9.9.1952, fl.
- 53655** Paraná, Salto Iguassú, in silva, 11.1.1953, fl.
- 55512** SC, Brusque, in silva, 23.2.1950, fl., leg. R. Reitz 5119, det. Burkart.
- 58234** SC, Ibirama, in secundariis, 4.1.1954, fl., leg. R. Reitz 9213, det. Burkart.
- 58245** SC, S. Pedro p. Brusque, in silva, 1.12.1949, fl., leg. R. Reitz 4642, det. Burkart.
- 58246** SC, Sta. Luzia p. Brusque, in silva, 6.5.1951, fl., leg. R. Reitz 4643, det. Burkart.

Habit: Small to medium tree, up to 15 m high.

Habitat: Edge of the rain forest, secondary forest.

Distribution in RGS: Common through the whole of the northern rain forest area.

General distribution: From Amazonia and Bolivia to Misiones and RGS.

Inga sessilis (Vell.) Mart.,

Herb. Fl. Bras. (1838) 114; Bentham, FB 15,2 (1876) 500; Malme, Ark. f. Bot. 23A, n. 13 (1931) 8; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 130 et passim.

7403 RGS, S. Leopoldo, NEL, in silva campestris, 1907, ster., leg. F. Theissen SJ.

25016 RGS, Feliz, NES, ad silvam pluvialem, 1943, fl., leg. Reckziegel.

29923 RGS, Kappesberg p. Montenegro, NES, in silva secundaria, 25.3.1945, fl., leg. E. Friderichs SJ.

30544 SC, Maracaná p. Araranguá, in secundariis, 23.4.1944, fl., leg. R. Reitz 1126.

31526 SC, Sombrio p. Araranguá, ad silvam pluvialem, 3.2.1946, fl.

36838 Paraná, Campinhos p. Imbuial, in silva, 25.4.1947, fl., leg. G. Hatschbach 705.

40543 RGS, Sapucaia p. S. Leopoldo, NEL, in silva campestris, 17.3.1949, fl.

42556 RGS, Parecí p. Montenegro, NEL, ad silvam, 18.7.1949, fl.

43437 RGS, Kappesberg p. Montenegro, NES, in silva, 11.9.1949, fl.

47146 RGS, Butterberg p. Montenegro, NES, in silva, 22.5.1950, fl.

48614 RGS, Kappesberg p. Montenegro, NES, in silva secundaria, 25.3.1947, fl., leg. A. Sehnem SJ 2683.

52970 RGS, Nova Petrópolis, NES, in secundariis, 9.9.1952, fl.

54381 SC, Brusque, in secundariis, 12.5.1949, fl., leg. R. Reitz 6468, det. Burkart.

56026 RGS, Vila Manresa p. P. Alegre, NEL, ad rivum, 19.11.1954, fl.

58243 SC, Hoffmann p. Brusque, in silva, 21.3.1950, fl., leg. R. Reitz 4601, det. Burkart.

58261 SC, ibidem, in silva, 21.11.1951, fr., leg. R. Reitz 6395, det. Burkart.

Habit: Medium to tall tree.

Habitat: Edge of the rain forest, secondary forest.

Distribution in RGS: All findplaces in the northeastern sector of the rain forest belt.

General distribution: From Minas Gerais to RGS.

Inga uruguensis Hook. et Arn.,

Bot. Misc. 3 (1832) 202; Bentham, FB 15,2 (1876) 495, tab. 135; Herter, Flor. Urug. (1930) 67; Malme, Ark. f. Bot. 23A, n. 13 (1931) 8; Bornmüller, Rev. Sud. Bot. 1 (1934) 140; Burkart, Leg. Arg. (1952) 105; Rambo, An. Bot. Herb. Bar.b Rodr. 5 (1953) 130 et passim.

1379 RGS, sine loco, sine die, fl. nondum aperto.

7404 RGS, S. Leopoldo, NEL, in silva campestris, 1907, fl., leg. F. Theissen SJ.

9627 RGS, Tupanciretan, NWH, in silva campestris, 28.1.1942, ster.

26384 RGS, Fazenda das Almas p. Palmares, NEL, in silva paludosa, 1.1945, fl., nondum aperto, leg. P. Buck SJ, det. Burkart.

- 26912** RGS, P. Alegre, NEL, in silva riparia, 1944, ster., leg. K. Emrich.
- 27394** RGS, ibidem, 1944, fl. nondum aperto, leg. K. Emrich.
- 28050** RGS, Vila Oliva p. Caxias, NEH, in silva, 2.1945, fr. semievoluto, leg. P. Buck SJ.
- 38020** RGS, Barra do Ribeiro p. P. Alegre, NEL, in silva riparia, 14.11.1948, fl. nondum aperto.
- 39103** RGS, Itapoan p. P. Alegre, NEL, in silva riparia, 22.12.1948, fl. nondum aperto.
- 39172** RGS, Espírito Santo p. P. Alegre, NEL, in silvula campestris, 24.12.1948, fl. nondum aperto.
- 39253** RGS, Morro do Sabiá p. P. Alegre, NEL, in silva riparia, 28.12.1948, fl. nondum aperto.
- 39400** RGS, Lamí p. Itapoan, NEL, in silva subpaludosa, 3.1.1948, fl. nondum aperto.
- 41204** RGS, Ilha das Flores p. P. Alegre, NEL, in silva subpaludosa, 22.4.1949, fl. nondum aperto.
- 41561** RGS, Vila Manresa p. P. Alegre, NEL, ad rivum, 14.5.1949, fr. subm.
- 41930** RGS, Esteio p. S. Leopoldo, NEL, in silva subpaludosa, 11.6.1949, fr. semievoluto.
- 54210** RGS, Pôrto Alegre, NEL, culta, 7.1953, fr. semievoluto.
- 55520** SC, Joinville, in secundariis, 12.1.1951, fl., leg. R. Reitz 5558, det. Burkart.
- 58516** RGS, Vila Manresa p. P. Alegre, NEL, ad rivum, 19.11.1955, fl.

Habit: Small to medium tree, up to 15 m high.

Habitat: Along streams and rivers.

Distribution in RGS: Apparently through the whole of the southern and western Campos area.

General distribution: From Rio de Janeiro to northeastern Argentina, RGS and Uruguay.

Inga virescens Benth.

Hook. Journ. Bot. 4 (1842) 605; FB 15,2 (1876) 483; Malme, Ark. f. Bot. 23A, n. 13 (1931) 7; Burkart, Leg. Arg. (1952) 105; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 130 et passim.

- 10988** RGS, Sta. Maria, CS, in silva, 1943, fl., leg. A. Heidler SJ.
- 31325** RGS, Vila Oliva p. Caxias, NEH, in araucarieto, 24.2.1946, ster.
- 36043** RGS, Campinas p. Sta. Rosa, NWH, in silva, 2.1947, fr., leg. A. Spies.
- 44697** RGS, Vila Oliva p. Caxias, NEH, in secundariis, 3.2.1949, fl.
- 47735** RGS, Campestre p. Montenegro, NES, in silvula, 17.10.1949, fl., leg. A. Sehnem SJ 4077.
- 48412** RGS, ibidem, 10.10.1946, fl., leg. A. Sehnem SJ 2253.
- 54608** RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in araucarieto, 1.1.1954, ster.

- 56670** RGS, Vila Oliva p. Caxias, NEH, in araucarieto, 8.2.1955, fr.
- 57914** RGS, Pestana p. Ijuí, NWH, in silva, 11.10.1953, fl., leg. J. Pivetta 1077.
- 59791** RGS, Farroupilha, NEH, in silva, 12.4.1957, ster., leg. O. Camargo 1262.
- 61881** RGS, Garibaldi, NEH, in silva, 29.10.1957, fl., leg. O. Camargo 2279.
- 61883** RGS, ibidem, 29.10.1957, fl., leg. O. Camargo 2277.
- 62649** RGS, Farroupilha, NEH, in silva, 10.11.1957, fl., leg. O. Camargo 2468.
- 62726** RGS, ibidem, 31.10.1957, fl., leg. O. Camargo 2329.

Habit: Small to medium tree, up to 15 m high.

Habitat: Interior of the rain forest; Araucaria woods.

Distribution in RGS: Through the whole of the rain forest area in the northern half of the State.

General distribution: South Brazil to Misiones and RGS.

MIMOSA L.

Mimosa acerba Benth.,

Hook. Journ. Bot. 4 (1842) 378; FB 15,2 (1876) 332; Burkart, Darwiniana 8 (1948) 200; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 116 et passim.

- 177** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis subdumosus, 17.12.1932, fl., det. Burkart.
- 9343** RGS, Jarí p. Tupanciretan, NWH, in campestribus siccis dumosis, 26.1.1942, fl.
- 9483** RGS, ibidem, 27.1.1942, fl., det. A. Burkart.
- 9987** RGS, Ijuisinho p. Tupanciretan, NWH, in campestribus siccis graminosis, 30.1.1942, fl.
- 28239** RGS, Nonoai ad fl. Uruguay superius, NWU, in campestribus siccis graminosis, 3.1945, fl., det. Burkart.
- 37336** RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus dumosis, 16.7.1948, fr. anotino.
- 51458** RGS, Passo do Socorro p. Vacaria, NEH, in campestribus dumosis, 26.12.1951, fl.
- 52486** RGS, sino loco, sine die, fl.
- 54376** SC, Mafra, in campestribus dumosis, 26.1.1953, fl., leg. R. Reitz 6487, det. Burkart.
- 55239** SC, ibidem, 26.1.1953, fl., leg. R. Reitz 6477, det. Burkart.
- 57917** RGS, Pestana p. Ijuí, NWH, in campestribus siccis graminosis, 26.1.1954, fl., leg. J. Pivetta 1074.

Habit: Woody shrub, up to 1 m high.

Habitat: Dry, open, grassy Campos.

Distribution in RGS: Over the whole of the northern Campos area, nowhere frequent.

General distribution: From Minas Gerais and Paraguay to Argentine Mesopotamia, RGS and Uruguay.

Mimosa adpressa Hook. et Arn.,

Bot. Misc. 3 (1832) 202; Bentham, FB 15,2 (1876) 347, tab. 86; Herter, Flor. Urug. (1930) 67; Burkart, Darwiniana 8 (1948) 128, fig. 19A, tab. 13; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 116 et passim.

4103 RGS, Rio Mancarrão p. Quarai, SW, in campestribus siccis dumosis, 14.1.1941, ster., det. Burkart.

26146 RGS, Fazenda do Jarau p. Quarai, SW, in campestribus siccis subdumosis, 1.1945, fr. semievoluto, det. Burkart.

45313 RGS, in summo monte Itacolumí p. Gravataí, NEL, in rupes-tribus dense dumosis, 11.1.1950, ster.

Habit: Woody, thorny shrub, up to 1,5 m high.

Habitat: Very dry, stony, rocky, more or less shrubby places.

Distribution in RGS: Two isolated stations; apparently very rare.

General distribution: Argentine Mesopotamia, Uruguay, RGS.

Mimosa amphigena Burk.,

Darwiniana 7 (1946) 221, fig. 2; Darwiniana 8 (1948) 72; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 116 et passim.

3946 RGS, Morro Vigia p. Livramento, SW, in campestribus siccis dumosis, 12.1.1941, fl., fr. submature.

4115 RGS, Rio Mancarrão, SW, in campestribus siccis dumosis, 14.1.1941, fl., fr. juvenili.

11599 RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in campestribus dumosis, 1.1944, ster., leg. P. Buck.

26145 RGS, Fazenda do Jarau p. Quarai, SW, in campestribus siccis subdumosis, 1.1945, fr. deciso, det. Burkart (var. glabrescens Burk.).

26148 RGS, ibidem, 1.1945, fl., det. Burkart.

63184 RGS, Uruguiana, SW, in campestribus, 1957, fl., leg. A. Spies.

Habit: Low, thorny shrub, up to 1,5 m high.

Habitat: Dry, stony, grassy Campos.

Distribution in RGS: Southwestern Campos; northeastern Highlands (!).

General distribution: Argentine Mesopotamia, Uruguay, RGS.

Mimosa axillaris Benth.,

Hook. Journ. Bot. 4 (1842) 382; FB 15,2 (1876) 326; Burkart, Darwiniana 8 (1948) 169, fig. 28, tab. 20; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 116 et passim.

54738 SC, Mafra, in campestribus graminosis, 27.1.1953, fl., leg. R. Reitz 6486, det. Burkart (cum?).

- 55514** SC, Campo dos Padres p. Bom Retiro, in campestribus, 16. 12.1948, capitulis nondum apertis, leg. R. Reitz 5126.
55515 SC, ibidem, 18.12.1948, fl., leg. R. Reitz 5127, det. Burkart.

Habitat: Small woody shrub, up to 1,5 m high.

Habitat: More or less wet shrubby places.

Distribution in RGS: Although not yet found within the confines of RGS, to be expected with certainty on the northeastern Highlands.

General distribution: From Minas Gerais to Misiones and RGS.

Mimosa balansae Mich.,

Mém. Soc. Phys. et Hist. Nat. Genève 28 (1883) 52, tab. 18; Burkart, Darwiniana 8 (1948) 143, fig. 22 b; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 116 et passim.

4114 RGS, Rio Mancarrão p. Quaraf, SW, in campestribus siccis graminosis, 14.1.1941, fl., det. A. Burkart (var. pauperoides Burk.).

4138 RGS, Rio Garopá p. Quaraí, SW, in campestribus siccis graminosis, 14.1.1941, fl., fr. semievoluta, det. Burkart (var. pauperoides Burk.).

4247 RGS, Barra do Quaraí p. Uruguaiana, SW, in campestribus siccis subdumosum, 15.1.1941, fl., det. Burkart.

Habitat: Very small woody shrub, branched from the base, branches 10–30 cm long, prostrate to ascending and erect.

Habitat: Very dry, stony, grassy Campos.

Distribution in RGS: Southwestern Campos only.

General distribution: From Paraguay to Argentine Mesopotamia and RGS.

Mimosa balduini Burk.,

Darwiniana 9 (1951) 391, fig. 2; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 116 et passim.

36179 RGS, Serra da Pedra p. Cambará, NEH, ad silvulam nebularem in rupestribus, 2.1948, fl. nondum evoluta, fr. anotino, det. Burkart.

Habitat: Small tree, about 4 m high.

Habitat: Upper edge of the cloud forest.

Distribution in RGS: So far, only findplace.

General distribution: RGS (easternmost rim of the Highlands).

Mimosa bimucronata (DC.) O. K.,

Rev. Gen. Plant. 1 (1891) 198; Malme, Ark. f. Bot. 23A, n. 13 (1931) 12; Burkart, Darwiniana 8 (1948) 108; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 116. — *Acacia bimucronata* DC., Prodr. 2 (1825) 469. — *Mimosa sepiaria* Benth., Hook. Bot. Journ. 4 (1842) 395; FB 15,2

(1876) 364, tab. 91; Herter, Flor. Urug. (1930) 68; Bornmüller, Rev. Sud. Bot. 1 (1934) 141.

- 180** RGS, Vila Manresa p. P. Alegre, NEL, in silvula subpaludosa, 17.3.1933, fl., det. Burkart.
6435 RGS, sine loco, sine die, fr.
7398 RGS, S. Leopoldo, NEL, in paludosis, 1907, fl., leg. F. Theissen SJ.
10995 RGS, Sta. Maria, CL, in subpaludosis, 1943, fl., leg. W. Rau.
28834 SC, Trindade p. Florianopolis, in silvula paludosa, 18.2.1945, fl., leg. A. Rohr SJ.
32089 SC, Praia Grande p. Araranguá, in silvula humida, 13.2.1946, fl.
33699 Paraná, in dumosis humidis, 2.3.1946, fl., leg. G. Hatschbach.
40149 RGS, Guaiába p. P. Alegre, NEL, ad flumen, 24.1.1949, fl. novo.
40376 RGS, Vila Manresa p. P. Alegre, NEL, ad rivum, 3.3.1949, fl.
41550 RGS, ibidem, 14.5.1949, fr. submature.
45827 RGS, Morro da Polícia p. P. Alegre, NEL, in humidis dumosis, 16.2.1950, fl.
46075 RGS, Vila Manresa p. P. Alegre, NEL, ad rivum in humidis dumosis, 3.3.1950, fl.
46225 RGS, Cristo Rei p. S. Leopoldo, NEL, in silvula subpaludosa, 10.3.1950, fl.
46639 RGS, Barra do Ribeiro p. P. Alegre, NEL, in silvula humida, 5.3.1.1950, fr. semievoluta.
46839 RGS, Viamão p. P. Alegre, NEL, in subpaludosis, 17.4. 1950, fr.
47072 RGS, Vila Manresa p. P. Alegre, NEL, in subhumidis, 15.5. 1950, fr.
48002 RGS, Kappesberg p. Montenegro, NEL, in subhumidis dumosis, 6.3.1948, fl., leg. A. Sehnem SJ 3268.
50242 RGS, Vila Manresa p. P. Alegre, NEL, in silvula campestri subhumida, 26.3.1951, fl.
58258 SC, Brusque, in humidis, 9.4.1951, leg. R. Reitz 6382, det. Burkart.
58259 SC, ibidem, 25.1.1951, fl., leg. R. Reitz 6393, det. Burkart.
58586 RGS, Vila Manresa p. P. Alegre, NEL, in silvula subhumida, 8.2.1956, fl.
60459 RGS, Estação de Silvicultura p. Sta. Maria, CL, in silvula subpaludosa, 10.4.1956, fr. submature, leg. O Camargo 505.
63395 RGS, Pelotas, SEC, in ripariis, 24.3.1958, fl., leg. J. Sacco 1079.
63659 RGS, P. Alegre, NEL, in humidis, 8.3.1957, fl., leg. O. Camargo.
63736 RGS, Pelotas, SEC, in humidis, 11.3.1958, fl., leg. J. Sacco 968.
63924 RGS, ibidem, 9.3.1957, fl., leg. J. Sacco 607.

Habit: Shrub to small tree, up to 10 m high; flower heads white.

Habitat: Always on wet to swampy places, often forming characteristical swamp parks.

Distribution in RGS: Through the whole of the Campos area.

General distribution: From Pernambuco through Central and South Brazil to Paraguay, northeastern Argentina, RGS and Uruguay.

Mimosa bonplandii (Gill. ex Hook. et Arn.) Benth.,

Hook. Journ. Bot. 4 (1842) 387; FB 15,2 (1876) 349; Burkart, Darwiniana 8 (1948) 120, fig. 17 b, tab. 12 pro parte — *Acacia bonplandii* Gill. et Hook. et Arn., Bot. Misc. 3 (1832) 205.

60550 Uruguay; Tacuarembó, in campestribus dumosis, 24.3.1953, fl., leg. J. Mattos.

Habit: Shrub, up to 1,5 m high, densely branched.

Habitat: Along streams and rivers.

Distribution in RGS: So far, not yet found within the confines of this State but its presence is practically certain.

General distribution: From Paraguay and South Brazil to Misiones and Uruguay.

Mimosa bracteolaris Benth.,

Hook. Journ. Bot. 4 (1842) 408; FB 15,2 (1876) 368; Malme, Ark. f. Bot. 23A, n. 13 (1931) 13; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 116 et passim.

8582 RGS, Rio dos Taurós p. Bom Jesus, NEL, in campestribus siccis saxosis graminosis, 13.1.1942, fl., det. Burkart.

45275 RGS, in summo monte Itacolumí p. Gravataí, NEL, in rupes-tribus dumosis, 11.1.1950, fl., fr. maturo.

Habit: Slender woody shrub, up to 1,5 m high.

Habitat: Dry, stony, grassy places.

Distribution in RGS: Only two far apart findplaces.

General distribution: South Brazil, RGS.

Mimosa chrysastra Mart.,

ex Bentham, FB 15,2 (1876) 349; Rambo, An. B. Herb. Barb. Rodr. 5 (1953) 116 et passim.

45188 RGS, Fazenda do Arroio p. Osório, NEC, in arenosis dumosis, 4.1.1950, fl.

55899 RGS, ibidem, in arenosis submobilibus, 3.10.1954, fl.

61451 RGS, ibidem, 9.1957, fl.

Habit: Prostrate to ascending, long branches matted together.

Habitat: Dry sandy patches, even on more or less shifting dunes.

Distribution in RGS: One only findplace.

General distribution: Minas Gerais, RGS.

Mimosa conferta Benth.,

Transact. Linn. Soc. 30 (1875) 402; FB 15,2 (1876) 331; Malme, Ark. f. Bot. 23A, n. 13 (1831) 11; Bornmüller, Rev. Sud. Bot. 1 (1934) 141;

Burkart, Darwiniana 8 (1948) 199; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 116 et. passim.

2692 RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis saxosis alte graminosis, 29.1.1942, fl., leg. Irm. Edésio, det. Burkart.

33651 Paraná, in campestribus siccis dumosis, 5.3.1946, fl., leg. G. Hatschbach, det. Burkart.

54375 SC, Mafra, in campestribus subdumosis, 25.1.1953, fl., leg. R. Reitz 6488, det. Burkart.

55201 SC, Capetinga p. Chapecó, in campestribus dumosis, 24.1.1952, fl., leg. R. Reitz 6420, det. Burkart.

55559 SC, Xanxeré p. Chapecó, in campestribus dumosis, 7.2.1951, fl., leg. R. Reitz 5562, det. Burkart.

60467 RGS, Estação de Silvicultura p. Sta. Maria, CL, in campestribus siccis, 10.4.1956, fl., leg. O. Camargo 461.

63183 RGS, Uruguaiana, SW, in campestribus, 1957, fl., leg. A Spies.

Habit: Shrub, up to 1,5 m high, covered with stiff setae.

Habitat: Dry, stony or rocky, grassy places.

Distribution in RGS: Apparently over the whole of the southern and northwestern Campos area, but nowhere common.

General distribution: From Minas Gerais and Paraguay to Misiones and RGS.

Mimosa cruenta Benth.

Hook. Journ. Bot. 4 (1842) 407; Bentham, FB 15,2 (1876) 367; Herter, Flor. Urug. (1930) 67; Malme, Ark. f. Bot. 23A, n. 13 (1931) 13; Bornmüller, Rev. Sud. Bot. 1 (1934) 141; Burkart, Darwiniana 8 (1948) 70, fig. 7 c, tab. 4; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 116 et passim.

175 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus alte dumosis, 17.1.1933, fl., fr. submaturo, det. Burkart.

2693 RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus saxosis graminosis, 29.1.1942, fl., fr. maturo, det. Burkart.

3924 RGS, Morro Vigia p. Livramento, SW, in campestribus siccis subdumosis, 12.1.1941, fl., fr. juvenili.

10987 RGS, Sta. Maria, CL, in campestribus siccis dumosis, 1943, fr. submaturo, leg. A. Heidler SJ.

11676 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis dumosis, 1943, fl., det. Burkart (var. glabra Burkart).

25885 RGS, Fazenda Sta. Cecília p. S. Gabriel, SW, in campestribus siccis subdumosis, 1.1944, fl.

26951 RGS, Vila Manresa p. P. Alegre, NEL, in rupestribus dumosis, 10.1944, fl., fr. submaturo, det. Burkart (var. glabra Burkart).

27309 RGS, ibidem, 10.1944, fl., fr. submaturo.

28505 RGS, Nonoai ad fl. Uruguay superius, NWU, in campestribus siccis graminosis, 3.1945, fl.

30598 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis

dumosis, 27.11.1945, fl., fr. submaturo, det. Burkart (var. *glabra* Burk.).

34543 RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus siccis dumosis, 30.12.1946, fl., fr. submaturo, det. Burkart.

38027 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis dumosis, 17.11.1948, fl., fr. submaturo.

39198 RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis subdense dumosis, 27.12.1948, fl., fr. semievoluto.

39648 RGS, Aberta dos Morros p. P. Alegre, NEL, in campestribus siccis dumosis, 9.1.1949, fl., fr. semievoluto.

40108 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis saxosis dumosis, 22.1.1949, fl., fr. semievoluto.

43711 RGS, Morro Sta. Teresa p. P. Alegre, NEL, in campestribus saxosis dumosis, 3.10.1949, fl.

49018 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus dumosis, 18.11.1950, fl.

Habit: Slender, woody shrub up to 1.5 m high, elegantly and shortly branched towards the top.

Habitat: Dry, stony, shrubby places.

Distribution in RGS: Apparently over the whole of the Campos area, except for the highest and coldest quarters in the northeastern Highlands.

General distribution: South Brazil, RGS, Argentine Mesopotamia, Uruguay.

***Mimosa daleoides* Benth.,**

Hook. Bot. Journ. 4 (1842) 389; FB 15,2 (1876) 353; Burkart, Darwiana 8 (1948) 118, fig 17 d; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 116 et passim.

179 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis dumosis, 17.1.1933, fl., fr. semievoluto, det. Burkart.

9006 RGS, Bom Jesus, NEH, in campestribus siccis dumosis, 61.1.1942, fl., det. Burkart.

10999 RGS, Sta. Maria, CL, in campestribus dumosis, 28.2.1939, fr. semievoluto, leg. W. Rau.

26054 RGS, Fazenda do Jarau p. Quaraí, SW, in campestribus siccis dumosis, 1.1945, fr. maturo.

27009 RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis dumosis, 10.1944, fr. semievoluto.

29032 RGS, ibidem, 24.8.1945, fl.

30172 RGS, ibidem, 10.1945, fr. juvenili, leg. P. Buck SJ.

34550 RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus siccis dumosis, 30.12.1946, fl.

36180 RGS, Cambará p. S. Francisco de Paula, NEH, in campestribus siccis dumosis, 2.1948, fl.

37692 RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus alte dumosis, 20.9.1948, fl.

- 38959** RGS, Chacara Weber p. P. Alegre, NEL, in siccis dumosis, 18.12.1948, fr. submaturo.
- 39051** RGS, in summo monte Steinkopf p. S. Leopoldo, NEL, in rupes-tribus dumosis, 20.12.1948, fl.
- 40844** RGS, Granja Neugebauer p. Itapoan, NEL, in campestribus alte dumosis, 3.4.1949, fr. semievoluto.
- 41911** RGS, Morro da Policia p. P. Alegre, NEL, in campestribus siccis dumosis, 8.6.1949, fl.
- 43363** RGS, ibidem, 9.9.1949, fl.
- 44141** RGS, ibidem, 31.10.1949, fl.
- 44457** RGS, Granja Neugebauer p. Itapoan, NEL, in dumosis siccis, 19.11.1949, fl.
- 45833** RGS, Morro da Policia p. P. Alegre, NEL, in campestribus siccis dumosis, 16.2.1950, fl., fr. anotino.
- 48849** RGS, Granja Neugebauer p. Itapoan, NEL, in siccis alte dumetosis, 27.9.1950, fl.
- 49342** RGS, Taimbesinho p. S. Francisco de Paula, NEH, in campestribus siccis apertis, 18.12.1950, fr. maturo.
- 51124** RGS, Linha Pinhal p. Montenegro, NES, in dumosis, 20.11.1950, fr. semievoluto, leg. A. Sehnem SJ 5044.
- 51402** RGS, Passo do Socorro p. Vacaria, NEH, in campestribus, 12.1951, fl.
- 55205** SC, Capetinga p. Chapecó, in campestribus dumosis, 24.1.1952, fl., leg. R. Reitz 6424, det. Burkart.
- 56273** RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in campestribus dumosis, 2.1.1955, fl.
- 57514** RGS, Estação de Silvicultura p. Sta. Maria, CL, in campestribus, 15.11.1955, fl., leg. O. Camargo 31.

Habit: Slender shrub, up to 2 m high.

Habitat: Dry, grassy or more or less shrubby Campos.

Distribution in RGS: Through the whole of the Campos area.

General distribution: From Paraguay and Paraná to Misiones and RGS.

Mimosa dutrae Malme,

Ark. f. Bot. 23A, n. 13 (1931) 10; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 116 et passim.

8584 RGS, Rio dos Touros p. Bom Jesus, NEH, in campestribus siccis graminosis, 13.1.1942, fl., det. Burkart.

Habit: Small shrub, up to 30 cm high.

Habitat: Dry, stony, grassy places.

Distribution in RGS: Northeastern Highlands only.

General distribution: So far, RGS only.

Mimosa falcipinna Benth.,

Hook. Journ. Bot. 4 (1842) 371; FB 15,2 (1876) 325; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 116 et passim.

32157 RGS, Serra do Fachinal p. S. Francisco de Paula, NEH, in rupestribus subnudis, 14.2.1946; fl.

49377 RGS, ibidem, 18.12.1950, fl. fr. anotino.

50117 RGS, ibidem, 21.2.1951, fl.

54039 RGS, ibidem, 20.2.1953, fl.

Habit: Small shrub, prostrate to ascending.

Habitat: Crevices, on more or less bare rock outcrops.

Distribution in RGS: One only findplace at the easternmost rim of the northeastern Highlands.

General distribution: Minas Gerais, RGS.

Mimosa flagellaris Benth.,

Hook. Journ. Bot. 4 (1842) 372; FB 15,2 (1876) 324; Herter, Flor. Urug. (1930) 69; Malme, Ark. f. Bot. 23A, n. 13 (1931) 9; Burkart, Darwiana 8 (1948) 166, fig. 27; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 116 et passim.

178 RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis graminosis, 17.1.1933, fl., det. Burkart.

3866 RGS, Morro Vigia p. Livramento, SW, in rupestribus graminosis, 12.1.1941, fl.

9122 RGS, Jarí p. Tupanciretan, NWH, in campestribus graminosis, 27.1.1942, ster., det. Burkart.

10159 RGS, ibidem, in campestribus siccis graminosis, 26.1.1942, fr. cecidiis infecto, det. Burkart.

26149 RGS, Fazenda do Jarau p. Quaraí, SW, in campestribus graminosis, 1.1945, fl., fr. juvenili.

32810 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis subdumosus, 12.12.1945, fl.

38044 RGS, ibidem, in siccis graminosis, 17.11.1948, fl.

39473 RGS, Teresópolis p. P. Alegre, NEL, in campestribus siccis graminosis, 4.1.1949, fl.

51015 SC, Lajes, in campestribus siccis graminosis, 10.1.1951, fl., leg. A. Sehnem SJ 5462.

58600 RGS, Estação de Silvicultura p. Sta. Maria, CL, in campestribus siccis graminosis, 10.1.1956, fr. juvenili, leg. O. Camargo 33.

61299 RGS, Pestana p. Ijuí, NWH, in campestribus siccis, 7.2.1956, fl., leg. J. Pivetta 1143.

63202 RGS, Uruguaiana, SW, in campestribus siccis graminosis, 1957, fl., leg. A. Spies.

Habit: Vigorous shrub, prostrate, branches up to 50 cm long.

Habitat: Dry, grassy or more or less shrubby places.

Distribution in RGS: Through the whole of the Campos area, with the exception of the northeastern Highlands.

General distribution: From Paraguay and South Brazil to RGS, Uruguay and the Argentine Mesopotamia.

Mimosa glabra Benth.,

Hook. Journ. Bot. 4 (1842) 386; FB, 15,2 (1876) 345; Malme, Ark. f. Bot. 23A, n. 13 (1931) 13; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 116 et passim.

2190 RGS, Campestre p. Montenegro, NES, in dumosis ad rivum, 27.12.1935, fl., fr. anotino.

3202 RGS, Passo do Inferno p. Canela, NEH, in dumosis, 10.2.1941, fl.

28070 RGS, Vila Oliva p. Caxias, NEH, ad rivum in dumosis, 2.1945, fl., leg. P. Buck SJ.

28727 RGS, Caracol p. Canela, NEH, ad silvam, 3.1945, fl., leg. K. Emrich.

30750 RGS, Vila Oliva p. Caxias, NEH, ad rivum, 29.1.1956, fl. sub-aperto.

30771 RGS, ibidem, 29.1.1946, fl., fr. anotino.

31392 RGS, ibidem, 2.1946, fl., leg. P. Buck SJ.

35653 RGS, Kappesberg p. Montenegro, NES, ad rivum in dumosis, 20.12.1946, fl., leg. E. Henz SJ.

35923 RGS, Caracol p. Canela, NEH, ad rivum in dumosis, 21.12.1947, fl., leg. K. Emrich.

40176 RGS, Sta. Rita p. Farroupilha, NEH, in paludosis dumosis, 27.1.1949, fl.

45693 RGS, ibidem, 7.2.1950, fl.

47853 RGS, Kappesberg p. Montenegro, NES, ad rivum in dumosis, 13.3.1948, fl., leg. A. Sehnem SJ 3285.

47901 RGS, Vila Oliva p. Caxias, NEH, ad rivum in dumosis, 20.1.1947, fl., leg. A. Sehnem SJ 2535.

48566 RGS, Campestre p. Montenegro, NES, in dumosis, 19.4.1949, fl., leg. A. Sehnem SJ 3761.

50043 RGS, Soledade, CH, ad rivum in dumosis, 13.2.1951, fl.

52851 RGS, Caracol p. Canela, NEH, in silvula humida, 10.1.1953, fl., leg. K. Emrich.

59585 RGS, Farroupilha, NEH, in dumosis humidis, 26.9.1956, fr. juvenili, leg. O Camargo 785.

59727 RGS, ibidem, 28.5.1956, fl., leg. O. Camargo 711.

59771 RGS, ibidem, 16.5.1956, fl., leg. O. Camargo 665.

62790 RGS, ibidem, in dumosis humidis, 10.11.1957, fr. semievoluto, leg. O. Camargo 2488.

Habit: Slender shrub, up to 3 m high.
Habitat: Wet to swampy, shrubby places.

Distribution in RGS: Apparently on the central and northeastern Highlands only.
General distribution: South Brazil, RGS.

Mimosa hassleriana Chod.,

Chod. et Hassl. Plant. Hassler. 2 (1904) 413; Burkart, Darwiniana 8 (1948) 65, fig. 6 h; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 117 et passim.

4862 RGS, Passo do Inferno p. Canela, NEH, in campestribus dumosis, 10.2.1941, ster., det. Burkart.

9085 RGS, Jarí p. Tupanciretan, NWH, in campestribus dumosis, 25.1.1942, ster., det. Burkart (cum?; spinosol!).

9096 RGS, ibidem, 25.1.1942, ster.

10990 RGS, Nova Petrópolis, NEL, in rupestribus dumosis, 1.1943, ster., det. Burkart.

11002 RGS, Sta. Maria, CL, in campestribus dumosis, 1943, leg. W. Rau, det. Burkart.

28447 RGS, Nonoai ad fl. Uruguay superius, NWU, in campestribus dumosis, 3.1945, ster., det. Burkart.

32014 RGS, Curralinhos p. Torres, NEC, in dumosis, 7.12.1944, fr. juvenili, leg. R. Reitz 875, det. A. Burkart.

47733 RGS, Galápolis p. Caxias, NES, in dumosis, 31.10.1949, ster., leg. A. Sehnem SJ 3999.

51099 RGS, Salto Ventoso p. Garibaldi, NES, in rupestribus dumosis, 13.1.1951, ster., leg. A. Sehnem SJ 5557.

56543 RGS, Passo do Inferno p. Canela, NEH, in rupestribus alte dumosis, 9.1.1955, fr.

62481 RGS, Garibaldi, NEH, in dumosis, 13.10.1957, ster., leg. O. Camargo 2072.

62486 RGS, ibidem, 13.10.1957, ster., leg. O. Camargo 2064.

63688 RGS, Farroupilha, NEH, in dumosis, 25.8.1958, fl., leg. O. Camargo.

Habit: Shrub, up to 3 m high.

Habitat: More or less dry, thin soil.

Distribution in RGS: Findplaces on the northeastern Highlands, the sea coast and in the northwestern Highlands.

General distribution: Argentine Mesopotamia, Paraguay, Uruguay and RGS.

Mimosa hexandra Mich.,

Mém. Soc. Phys. Hist. Nat. Genève 30 (1889) 91, tab. 7; Burkart, Darwiniana 8 (1948) 112, fig. 15h; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 117 et passim.

25074 RGS, sino loco (SW?), sine die, fr. submaturo, det. Burkart.

Habit: Shrub, up to 4 m high.

Habitat: At the edge of streams.

Distribution in RGS: The only collection comes probably from the southwestern Campos plains.

General distribution: From Paraguay through Argentine Mesopotamia to western RGS, and Uruguay.

Mimosa incana (Spreng.) Benth.,

Hook. Journ. Bot. 4 (1842) 387; FB 15,2 (1876) 348; Herter, Flor. Urug. (1930) 67; Malme, Ark. f. Bot. 23A, n. 13 (1831) 12; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 117 et passim. — *Acacia incana* Spreng., Syst. 3 (1826) 137.

173 RGS, S. Leopoldo, NEL, in paludosis dumosis, 17.6.1933, fl. subaperto, det. Burkart.

4584 RGS, Fazenda Englert p. S. Francisco de Paula, NEH, ad rivum in dumosis, 8.2.1941, ster.

4760 RGS, Rio Guira p. S. Francisco de Paula, NEH, ad rivum in dumosis, 10.2.1941, ster.

9353 RGS, Jarí p. Tupanciretan, NWH, in humidis dumosis, 26.1.1942, ster.

10991 RGS, Nova Petrópolis, NES, in humidis dumosis, 1.1943, fr. mat.

28728 RGS, Caracol p. Canela, NEH, in dumosis ad rivum, 3.1945, fr. anotino, leg. K. Emrich.

30751 RGS, Vila Oliva p. Caxias, NEH, ad rivum in dumosis, 29.1.1946, ster.

40340 RGS, Sta. Rita p. Farroupilha, NEH, in silvula paludosa, 29.1.1949, ster.

42295 RGS, ad montem Steinkopf p. S. Leopoldo, NEL, in paludosis dumosis, 28.6.1949, fl.

42541 RGS, Sta. Rita p. Farroupilha, NEH, in silvula paludosa, 13.7.1947, fl. supaberto.

42671 RGS, Portão p. S. Leopoldo, NEL, ad rivum in dumosis, 20.7.1949, fl.

44082 RGS, Barreto Vianna p. S. Leopoldo, NEL, in paludosis dumosis, 24.10.1949, fr. submaturo.

44757 RGS, Lagoa dos Barros p. Osório, NEC, ad lacum in dumosis, fr. anotino.

48779 RGS, Osório, NEC, in paludosis dumosis, 11.9.1950, fl.

50398 RGS, S. Marcos p. Caxias, NEH, in subpaludosis dumosis, 24.7.1941, fl.

52954 RGS, Canela, NEH, in araucarieto humido, 9.9.1952, fl.

52986 RGS, ibidem, 9.9.1952, fl.

58818 RGS, Estação de Silvicultura p. Sta. Maria, CL, in dumosis humidis, 1.3.1956, infl. juvenilibus, leg. O. Camargo 155.

59075 RGS, Pestana p. Ijuí, NWH, in humidis dumosis, 5.11.1953, fr., leg. J. Pivetta 1046.

59660 RGS, Farroupilha, NEH, in paludosis, 26.10.1956, fl., leg. O. Camargo 895.

- 60875** RGS, Sta. Rita p. Farroupilha, NEH, in paludosis dumosis, 8.7. 1957, fl., leg. O. Camargo 1660.
- 60885** RGS, ibidem, 5.6.1957, fl. subaperto, leg. O. Camargo 1550.
- 62514** RGS, ibidem, 15.10.1957, fr. semievoluto, leg. O. Camargo 2121.
- 62659** RGS, Pôrto Alegre, NEL, in humidis dumosis, 2.11.1957, fr. semievoluto, leg. O. Camargo 2379.
- 63356** RGS, Pelotas, SEC, in humidis, 10.1.1.1954, fr. juvenili, leg. J. Sacco 948.
- 63652** RGS, Pôrto Alegre, NEL, in paludosis dumosis, 25.6.1958, fl., leg. O. Camargo.
- 63715** RGS, Farroupilha, NEH, in subpaludosis dumosis, 25.8.1958, fl., leg. O. Camargo.

Habit: Shrub, up to 4 m high, densely branched.

Habitat: Wet to swampy, shrubby places.

Distribution in RGS: Through the whole of the Campos area, except for the highest parts of the northeastern Highlands.

General distribution: South Brazil, Uruguay.

Mimosa intricata Benth.,

Hook. Journ. Bot. 4 (1842) 407; FB, 15,2 (1876) 366; Malme, Ark. f. Bot. 23A, n. 13 (1931) 13; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 117 et passim.

62598 RGS, Farroupilha, NEH, in campestribus siccis saxosis, 15.10. 1957, fl., leg. O. Camargo 2119.

Habit: Low shrub with thorny, densely matted branches.

Habitat: In rocky, more or less shrubby places.

Distribution in RGS: Besides the above findplace, only Sellow 2871 between P. Alegre and Encruzilhada.

General distribution: South Brazil, RGS.

Mimosa invisa Mart.,

ex Colla, Herb. Pedem. 2 (1834) 255; Benthams; FB 15,2 (1876) 379, tab. 97; Burkart, Darwiniana 8 (1948) 100, fig. 12; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 117 et passim.

32081 SC, Praia Grande p. Araranguá, ad silvam scandens, 13.2. 1946, fl., det. Burkart.

47056 RGS, Lagoa da Pinguela p. Osório, NEC, in arenosis dumosis, 8.5.1950, fr. maturo.

48155 Paraná, Matinho p. Paranaguá, in arenosis dumosis, 16.1. 1949, fl., leg. G. Hatschbach, 1165, det. Burkart.

Habit: Very thorny, slender, climbing shrub.

Habitat: Sandy woodlets.

Distribution in RGS: Near the northeastern sea coast only.

General distribution: From Mexico and the Antilles to Paraguay, Missiones and RGS.

Mimosa involucrata Benth.,

Hook. Journ. Bot. 4 (1842) 386; FB 15,2 (1876) 348; Malme, Ark. f. Bot. 23A, n. 13 (1931) 13; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 117.

4349 RGS, Taimbesinho p. S. Francisco de Paula, NEH, in rupestribus nudis, 7.2.1941, ster., det. Burkart.

32156 RGS, Serra do Fachinal p. S. Francisco de Paula, NEH, in rupestribus prostrata, 14.2.1946, fr. semievoluta.

36876 Paraná, Marumbí p. Morretes, in rupestribus dumosis, 2.2. 1947, fl., leg. G. Hatschbach 622, det. Burkart.

49411 RGS, Serra do Fachinal p. S. Francisco de Paula, NEH, in rupestribus prostrata, 18.12.1950, fr. semievoluta.

50118 RGS, Taimbesinho p. S. Francisco de Paula, NEH, in rupestribus nudis, 21.2.1951, fr. subaperto.

50935 RGS, Serra do Fachinal p. S. Francisco de Paula, NEH, in rupestribus subnudis, 18.12.1950, fr. semievoluta.

51624 RGS, Passo do Socorro p. Vacaria, NEH, in fissuris rupium, 27.12.1951, fr. juvenili.

52214 RGS, Taimbesinho p. S. Francisco de Paula, NEH, in rupestribus parce humosis, 14.4.1952, fl.

Habit: Prostrate, abundantly branched from a rootstock, branches up to 50 cm long; stamens roseate.

Habitat: In crevices of rocky outcrops.

Distribution in RGS: Scattered findplaces on the northeastern Highlands, typical place of Sellow 4209.

General distribution: Paraná to RGS.

Mimosa iperoensis Hoehne,

Arq. Bot. Est. S. Paulo, Nov. Ser. 1,1 (1938) 24, tab. 19; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 117 et passim.

9956 RGS, Ijuisinho p. Tupanciretan, NWH, in campestribus dumosis, 30.1.1942, fl., det. Burkart.

10086 RGS, ibidem, 30.1.1942, fl., det. Burkart.

47347 RGS, Campinas p. Sta. Rosa, NWH, in campestribus dumosis, 2. 1947, fl., leg. A. Spies.

53370 RGS, Caaró p. S. Luiz, NWH, in dumosis subpaludosis, 24.11. 1952, fl.

Habit: Shrub, up to 2,5 m high.

Habitat: More or less dry Campos.

Distribution in RGS: Northwestern Campos area only.

General distribution: S. Paulo, RGS.

Mimosa lindleyi Burk.,

Darwiniana 7 (1946) 219; Darwiniana 8 (1948) 223; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 117. — *Mimosa marginata* Lindl., Bot. Reg. 1838, Misc. 82; Bentham, FB 15,2 (1876) 324; Herter, Flor. Urug. (1930) 68; Malme, Ark. f. Bot. 23A, n. 13 (1931) 13.

- 171** RGS, Morro da Polícia p. P. Alegre, NEL, in siccis dumosis, 15.. 11.1931, ster., det. Burkart.
27023 RGS, ibidem, fl., fr. semievoluto.
27244 RGS, ibidem, 10.1944, fl.
33888 RGS, ibidem, 8.11.1948, fr. semievoluto.
37691 RGS, ibidem, 20.9.1948, fl.

Habit: Prostrate to more or less erect or leaning to shrubs.

Habitat: Dry, shrubby Campo.

Distribution in RGS: All collections from the same findplace; another findplace is Caçapava, SEH, Sellow 3084.

General distribution: RGS, Uruguay.

Mimosa macrocalyx Mich.,

Mém. Soc. Phys. Hist. Nat. Genève 28 (1883) 54, tab. 20; Burkart, Darwiniana 8 (1948) 172 fig. 29; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 117 et passim.

- 10994** RGS, Lagoa Vermelha, NEH, in campestribus dumosis, 1. 1943, fl., leg. E. Friderichs SJ., det. Burkart.

Habit: Small, slender shrub, prostrate to ascending or leaning to the neighboring vegetation, up to 2 m high.

Habitat: Dry, shrubby Campos.

Distribution in RGS: One only collection from the northeastern Highlands.

General distribution: Paraguay, Misiones, RGS.

Mimosa maracayuensis Chod. et Hassl.,

Plantae Hassl. 2 (1904) 413; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 117 et passim.

- 9999** RGS, Ijuisinho p. Tupanciretan, NWH, in campestribus siccis dumosis, 30.1.1942, fl., det. Burkart.

28439 RGS, Nonoi ad fl. Uruguay superius, NWU, in campestribus siccis dumosis, 3.1945, fl.

51629 RGS, Passo do Socorro p. Vacaria, NEH, in campestribus dumosis, 27.12.1951, fl.

Habit: Shrub with long, slender prostrate to ascending branches, leaning to the surrounding vegetation.

Habitat: Dry, shrubby Campos.

Distribution in RGS: Northwestern Highlands only.

General distribution: Paraguay, RGS.

Mimosa meticulosa Mart.

Flora 21, 2, Beibl. 2,4 (1838) 55; Bentham, 15,2 (1876) 331; Malme, Ark. f. Bot. 23A, n. 13 (1931) 10; Burkart, Darwiniana 8 (1948) 196; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 117 et passim.

- 1733** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis dumosis, 17.12.1932, fl., det. Burkart.
- 2691** RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis dumosis, 29.1.1943, fl., leg. Irm. Edésio.
- 4838** RGS, Passo do Inferno p. Canela, NEH, in campestribus siccis saxosis, 10.2.1941, fl. nondum aperto, det. Burkart.
- 4861** RGS, ibidem, 10.2.1941, fr. semievoluto, det. Burkart.
- 8831** RGS, Bom Jesus, in campestribus siccis graminosis, 15.1.1942, fl.
- 9062** RGS, ibidem, 16.1.1942, fl.
- 9087** RGS, Jarí p. Tupanciretan, NWH, in campestribus siccis dumosis, 25.1.1942, fl.
- 9159** RGS, ibidem, 26.1.1942, fl.
- 9559** RGS, Tupanciretan, NWH, in campestribus siccis dumosis, 28.1.1942, fl.
- 11000** RGS, Sta. Maria, CL, in campestribus siccis dumosis, 1.9.1936, fr. anotino, leg. W. Rau.
- 25065** RGS, S. Leopoldo, NEL, in campestribus siccis dumosis, 1943, fl., leg. A. Reckziegel.
- 26011** RGS, Fazenda do Jarau p. Quaraí, SW, in campestribus siccis dumosis, 1.1945, fl., det. Burkart.
- 26143** RGS, ibidem, 1.1945, fl.
- 26993** RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis dumosis, 10.1944, fl.
- 32012** RGS, Curralinhos p. Torres, NEC, in siccis dumosis, 7.12.1944, fl.
- 33112** Paraná, Rincão p. Curitiba, in campestribus siccis dumosis, 7.2.1946, fl., leg. G. Hatschbach 184.
- 34548** RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus siccis dumosis, 30.12.1946, fl.
- 34549** RGS, ibidem, 30.12.1946, fl.
- 38625** RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis subdumosis, 22.11.1948, fl.
- 38972** RGS, Chácara Weber p. P. Alegre, NEL, in campestribus siccis saxosis graminosis, 18.12.1948, fl.
- 39199** RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis dumosis, 27.12.1948, fl.
- 42293** RGS, Campo do Varejão p. Itapoan, NEL, in campestribus siccis dumosis, 10.4.1948, fl., leg. K. Emrich.
- 45279** RGS, ad montem Itacolumí p. Gravataí, in arenosis dumosis, 11.1.1950, fl.
- 56574** RGS, Passo do Inferno p. Canela, NEH, in campestribus siccis graminosis, 9.1.1955, fl.

57490 RGS, Sta. Maria, CL, in campestribus, 21.11.1955, fl., leg. O. Camargo 37.

Habit: Woody shrub, up to 1,5 m high.

Habitat: Dry, more or less stony and shrubby Campos.

Distribution in RGS: Through the whole of the Campos area.

General distribution: From Minas Gerais and Paraguay through Argentine Mesopotamia to RGS.

Mimosa myriophylla Bong.

ap. Benth. in Hook. Journ. Bot. 4 (1942) 381; Malme, Ark. f. Bot. 23A, n. 13 (1931) 11; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 117 et passim.

1838 RGS, Fazenda Englert p. S. Francisco de Paula, NEL, in campestribus dumosis, 14.1.1937, fl. subaperto, det. Burkart.

4747 RGS, Rio Guira p. S. Francisco de Paula, in campestribus siccis dumosis, 10.2.1941, ster.

4830 RGS, Passo do Inferno p. Canela, NEH, in siccis saxocis graminosis, 10.2.1941, fl. deciso.

11547 RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in campestribus siccis dumosis, 1.1944, fl. subaperto, leg. P. Buck SJ.

30765 RGS, Vila Oliva p. Caxias, NEH, in campestribus siccis dumosis, 29.1.1946, ster.

45614 RGS, S. Francisco de Paula, in campestribus dumosis, 31.1.1950, fr. semievoluta.

46282 RGS, ibidem, 13.3.1950, fl. deciso.

54685 RGS, Fazenda Englert p. S. Francisco de Paula, NEH, 1.1.1954, ster.

55204 SC, Capetinga p. Chapecó, in campestribus dumosis, 24.1.1952, fl., leg. R. Reitz 6423, det. Burkart.

56277 RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in campestribus dumosis, 2.1.1955, fl.

56334 RGS, ibidem, 2.1.1955, fl.

56423 RGS, ibidem, 2.1.1955, fl.

56531 RGS, Passo do Inferno p. Canela, NEH, in campestribus siccis, 9.1.1955, fl. subaperto.

Habit: Shrub, densely branched from the base, branches woody, stiff, up to 1 m high.

Habitat: Dry, stony or rocky, more or less open Campo, often gregarious.

Distribution in RGS: Southern sector or the northeastern Highlands.

General distribution: From Minas Gerais to RGS.

Mimosa niederleinii Burkart,

Darwiniana 7 (1947) 523; Darwiniana 8 (1948) 162, fig 162; Rambo An. Bot. Herb. Barb. Rodr. 5 (1953) 117 et passim.

- 346** RGS, Caracol p. Canela, NEH, in dumosis 5.12.1933, fl., leg. J. Dutra.
- 4823** RGS, Passo do Inferno p. Canela, NEH, in dumosis, 10.2.1941, fl., det. Burkart.
- 4866** RGS, ibidem, 10.2.1942, fl., det. Burkart.
- 25002** RGS, Caracol p. Canela, NEH, in dumosis, 28.1.1941, fl., leg. K. Emrich.
- 28704** RGS, ibidem, 24.2.1945, fl., leg. K. Emrich.
- 28766** RGS, ibidem, 15.3.1945, fr. semievoluto, leg. K. Emrich.
- 29987** RGS, ibidem, 22.2.1936, fl., leg. K. Emrich, det. Burkart.
- 46755** RGS, Fazenda do Arroio p. Osório, NEC, in arenosis alte dumosis, 14.4.1950, fl.
- 52807** RGS, Caracol p. Canela, NEH, in dumosis, 2.1953, fl., leg. K. Emrich.
- 56534** RGS, Passo do Inferno p. Canela, NEH, in dumosis, 9.1. 1955, fl.
- 56805** RGS, ibidem, 22.2.1955, fl.
- 59783** RGS, Farroupilha, NEH, in dumosis, 12.4.1957, ster., leg. O. Camargo 1286.

Habit: Shrub with long prostrate branches leaning to the neighboring vegetation.

Habitat: Shrubby, rocky or sandy places.

Distribution in RGS: Northeastern Highlands and sea coast.

General distribution: Misiones, RGS.

Mimosa oligophylla Mich.,

Mém. Soc. Phys. Hist. Nat. Genève 28 (1883) 56, tab. 21; Burkart, Darwiniana 8 (1948) 186, fig. 31 o; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 117 et passim.

- 2941** RGS, S. Borja, SW, in campestribus siccis graminosis, 1942, fl., leg. F. Baglionè, det. Burkart.

Habit: Small shrub, 30 cm high.

Habitat: Dry, grassy Campo.

Distribution in RGS: Westernmost Campos area.

General distribution: Paraguay, Argentine Mesopotamia, RGS.

Mimosa parvipinna Benth.,

Hook. Journ. Bot. 4 (1842) 384; FB 15,2 (1876) 346; Herter, Flor. Urug. (1930) 68; Malme, Ark. f. Bot. 23A, n. 13 (1931) 13; Burkart, Darwiniana 8 (1948) 130; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 117 et passim.

- 1404** RGS, Tramandaí, NEC, in arenosis dumosis, 12.2.1933, fl., det. Burkart.

- 26147** RGS, Fazenda do Jarau p. Quaraí, SW, in rupestribus dumosis, 1. 1945, fr.

- 26925** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis dumosis, 10.1944, fr. juv., leg. P. Buck SJ.
- 27022** RGS, Morro da Policia p. P. Alegre, NEL, in campestribus saxosis dumosis, 10.1944, fr.
- 27102** RGS, Vila Manresa, p. P. Alegre, NEL, in rupestribus dumosis, 10.1944, fl.
- 29202** RGS, ibidem, 12.9.1945, fl.
- 34156** RGS, ibidem, 16.10.1946, fr. semievoluto.
- 37496** RGS, ibidem, 1.9.1948, fl.
- 41044** RGS, Morro Agudo p. P. Alegre, NEL, in rupestribus dumosis, 13.4.1949, fl. semievoluto.
- 50050** RGS, Soledade, CH, in campestribus saxosis dumosis, 13.2.1951, fl.
- 63185** RGS, Uruguaiana, SW, in campestribus, 1957, fl., leg. A. Spies.

Habit: Small shrub, up to 1,5 m high.

Habitat: Dry, sandy or rocky, shrubby Campos.

Distribution in RGS: Apparently in the southern half of the State only.

General distribution: Paraguay, Misiones, RGS, Uruguay.

Mimosa paupera Benth.,

Hook. Journ. Bot. 4 (1842) 372; FB 15,2 (1876) 327; Herter, Flor. Urug. (1930) 68; Malme, Ark. f. Bot. 23A, n. 13 (1931) 13; Burkart, Darwiniana 8 (1948) 163, fig. 28 p., tab. 19; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 118 et passim.

- 4166** RGS, Rio Garopá p. Quaraí, SW, in campestribus siccis saxosis, 14.1.1941, fr. submaturo, det. Burkart.
- 4228** RGS, Barra do Quaraí, SW, in campestribus siccis graminosis, 15.1.1941, fl. nondum evoluto, det. Burkart.
- 34075** RGS, Tupanciretan, NWH, in campestribus siccis graminosis, 1942, ster., det. Burkart.

Habit: Very small shrub, branches prostrate to ascending, 20 cm long.

Habitat: Dry, stony, grassy Campo.

Distribution in RGS: Southwestern and western Campos.

General distribution: Paraguay, Argentine Mesopotamia, western RGS, Uruguay.

Mimosa pilulifera Benth.,

Hook. Journ. Bot. 4 (1842) 386; FB 15,2 (1876) 348 p. parte; Malme, Ark. f. Bot. 23A, n. 13 (1931) 11; Burkart, Darwiniana 8 (1948) 122; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 118 et passim.

- 8136** RGS, Serra da Rocinha p. Bom Jesus, NEH, in silvula nebulari, 14.1.1942, fl.

- 8589** RGS, Rio dos Touros p. Bom Jesus, NEH, in silvula riparia, 13.1.1942, fr. anotino.

- 8724** RGS, Serra da Rocinha p. Bom Jesus, NEH, in silvula nebulari, 14.1.1942, ster.
- 8902** RGS, Bom Jesus, NEH, ad rivum, 15.1.1942, fr. maturo.
- 11867** RGS, Caxias, NEH, in araucarieto, 1932, fl., leg. Irm. Augusto.
- 32414** RGS, Serra da Rocinha p. Bom Jesus, NEH, in silvula nebulari, 28.2.1946, fl., nondum aperto.
- 34551** RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus dumosis humidis, 30.12.1946, ster.
- 35297** RGS, Serra da Rocinha p. Bom Jesus, NEH, in silvula nebulari, 14.2.1947, fl.
- 36176** RGS, Cambará p. S. Francisco de Paula, NEH, in silvula nebulari, 2.1948, fl.
- 45485** RGS, Serra da Rocinha p. Bom Jesus, NEH, in silvula nebulari, 18.1.1950, fl. nondum aperto.
- 47190** RGS, Agua Azul p. Caxias, NEH, in dumosis paludosis, 21.6.1950, fl. nondum aperto.
- 47401** RGS, Passo do Inferno p. Canela, NEH, in dumosis humidis, 8.1949, fl., leg. A. Spies.
- 47732** RGS, Linha Pinhal p. Montenegro, NEH, in humidis dumosis, 26.10.1949, fr. novo, leg. A. Sehnem SJ 3955.
- 50359** SC, Serra do Fachinal p. Biguassú, in araucarieto humido, 20.7.1951, fl.
- 50397** RGS, S. Marcos p. Caxias, NEH, in dumosis humidis, 24.7.1951, fl.
- 50625** RGS, Serra da Rocinha p. Bom Jesus, NEH, in silvula nebulari, 19.1.1950, fr. maturo, leg. A. Sehnem SJ 4296.
- 50932** RGS, Taimbesinho p. S. Francisco de Paula, NEH, in dumosis ad rivum, 18.12.1950, fr. maturo, leg. A. Sehnem SJ 5166.
- 52788** RGS, ibidem, 9.8.1952, fl.
- 55870** RGS, Vila Oliva p. Caxias, NEH, in subpaludosis dumosis, 15.7.1954, cap. subapertis.
- 59772** RGS, Farroupilha, NEH, in dumosis, 16.5.1956, fl. nondum aperto, leg. O. Camargo 664.
- 62530** RGS, Garibaldi, NEH, in dumosis humidis, 29.10.1957, fr. submaturo, leg. O. Camargo 2295.
- 62784** RGS, Farroupilha, NEH, in humidis dumosis, 10.11.1957, fr., leg. O. Camargo 2529.

Habit: Shrub, densely branched, up to 3 m high.

Habitat: Wet to swampy places, often in pure stands.

Distribution in RGS: Northeastern Highlands only.

General distribution: Argentine Mesopotamia, Uruguay, RGS.

Mimosa procarrens Benth.,

Hook. Journ. Bot. 4 (1848) 371; FB 15,2 (1876) 322; Burkart, Darwiana 8 (1948) 156, fig. 24, tab. 18.

64199 RGS, Sta. Maria, CL, in campestribus dumosis, sine die, leg. W. Rau.

Habit: Low shrub, prostrate, up to 50 cm long.

Habitat: Dry, stony Campos.

Distribution in RGS: One only findplace in the Central Lowlands.

General distribution: From Goiás to Paraguay, Misiones and RGS.

Mimosa ramboi Burkart,

Darwiniana 7 (1946) 227, fig. 3; Rambo, An. Bot. Herb. Bar. Rodr. 5 (1953) 118 et passim.

26144 RGS, Fazenda do Jaraú p. Quaraí, SW, in campestribus sa-
xosis graminosis, 1.1945, fl., det. Burkart.

32812 RGS, ibidem, 12.1945, fr. semievoluta, leg. A. P. Giudice.

Habit: Small, woody shrub, up to 1 m high.

Habitat: Dry, stony, grassy, somewhat shrubby Campo.

Distribution in RGS: So far, one only findplace, SW.

General distribution: RGS, probably also in adjoining Uruguay.

Mimosa ramosissima Benth.,

FB 15,2 (1876) 312; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 118
et passim.

32251 RGS, Tainhas p. S. Francisco de Paula, NEH, in campestribus
dumosis, 16.2.1946, fr. maturo.

33056 Paraná, sine die, leg. G. Hatschbach.

36178 RGS, Cambará p. S. Francisco de Paula, NEH, ad araucarietum
in dumosis, 2.1948, fr. maturo, det. Burkart.

48153 Paraná, Quatro Barras p. Piraquara, in campestribus dumosis,
29.8.1948, fl., leg. G. Hatschbach 1167, det. Burkart.

51018 SC, Lages, ad araucarietum in dumosis, 10.1.1950, fr. deciso,
leg. A. Sehnem SJ 3466.

54080 RGS, Taibesinho p. S. Francisco de Paula, NEH, in campes-
tribus dumosis, 20.3.1953, fr.

54506 RGS, ibidem, in campestribus dumosis, 13.11.1954, fr. sub-
maturo.

60138 SC, Campo dos Padres p. Bom Retiro, in dumosis humidis, 23.
1.1957, fr.

60745 RGS, Passo Fundo, CH, in araucarieto, 4.1957, ster., leg. P.
Freddiani.

Habit: Low shrub, branches matted together, very thorny.

Habitat: More or less dense shrub vegetation in wet to swampy places.

Distribution in RGS: Northeastern Highlands only.

General distribution: From Minas Gerais to RGS.

Mimosa reptans Benth.,

Hook. Journ. Bot. 4 (1842) 372; FB 15,2 (1876) 326; Herter, Fl. Urug.

(1930) 64; Bornmüller, Rev. Sud. Bot. 1 (1934) 141; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 118 et passim.

2745 RGS, Portão p. S. Leopoldo, NEL, in campestribus siccis sub-dumosis, 27.6.1935, fr.

26150 RGS, Fazenda do Jarau p. Quaraí, SW, in campestribus dumosis, 1.1945, fl., det. Burkart.

35769 RGS, Agua Azul p. Caxias, NEH, in dumosis, 3.1.1947, fl., leg. E. Henz SJ.

61455 RGS, Fazenda do Arroio p. Osório, NEC, in siccis arenosis graminosis, 9.1957, fl.

61718 RGS, Farroupilha, NEH, in campestribus, 15.11.1957, fl., leg. O. Camargo 2545.

Habit: Low, prostrate shrub, branches up to 5 cm long.

Habitat: Dry, grassy, sandy or rocky places.

Distribution in RGS: Rare, findplaces widely scattered.

General distribution: From Paraguay to RGS and Uruguay.

Mimosa scabrella Benth.,

Hook. Journ. Bot. 4 (1842) 387; FB 15,2 (1876) 350; Burkart, Darwiniana 8 (1948) 224; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 118 et passim. — M. bracaatinga Hoehne, Publ. Secr. Agric. Ind. Comm. S. Paulo (1930) 23.

644 RGS, Inst. Borges de Medeiros p. P. Alegre, NEL, culta, 31.7.1933, det. Burkart.

8722 RGS, Serra da Rocinha p. Bom Jesus, NEH, in silvula campestri, 14.1.1942, ster., det. Burkart.

9050 RGS, Bom Jesus, NEH, ad rivum in silvula, 16.1.1942, ster., det. Burkart.

30847 RGS, Vila Oliva p. Caxias, NEH, in araucarieto, 31.1.1946, fr.

33393 RGS, S. Leopoldo, NEL, culta, 10.9.1946, fr., leg. C. Ritter SJ.

33887 Paraná, Florestal p. Piraquara, in secundariis, 15.6.1947, fl., leg. G. Hatschbach 740.

34547 RGS, Fazenda da Ronda p. Vacaria, NEH, in araucarieto, 30.12.1946, fr. submaturo.

36177 RGS, Cambará p. S. Francisco de Paula, NEH, in araucarieto, 2.1948, fr. submaturo.

36888 Paraná, in silva secundaria, sine die, leg. G. Hatschbach.

43146 RGS, Vila Oliva p. Caxias, NEH, in araucarieto, 28.8.1949, fl.

45437 RGS, Serra da Rocinha p. Bom Jesus, NEH, in silvula nebulari, 18.1.1950, fr. submaturo.

45633 RGS, Taimbesinho p. S. Francisco de Paula, NEH, in araucarieto, 30.1.1950, fr. semievoluto.

47255 RGS, Vila Oliva p. Caxias, NEH, in araucarieto, 12.7.1950, fl. subaperto.

47580 SC, sine loco, sine die, leg. R. Reitz.

- 50747** SC, Bom Retiro, in silva montana, 12.1949, fl., leg. R. Reitz 3603, det. Burkart.
- 50953** RGS, Taimbesinho p. S. Francisco de Paula, NEH, in araucarieto, 19.12.1950, fl., leg. A. Sehnem SJ 5144.
- 51088** RGS, Serra do Fachinal p. S. Francisco de Paula, NEH, in silvula nebulari, 23.2.1951, fr. submature, leg. A. Sehnem 5661.
- 52170** RGS, Taimbesinho p. S. Francisco de Paula, NEH, in araucarieto, 5.11.1951, fl.
- 52873** RGS, Canela, NEH, in araucarieto, 9.9.1952, fl.
- 54508** RGS, Taimbesinho p. S. Francisco de Paula, NEH, in araucarieto, 13.11.1953, fl.
- 58775** RGS, Estação de Silvicultura p. Sta. Maria, CL, culta, 1.3.1956, fr. leg. O. Camargo 116.

Habit: Small to medium tree, up to 15 m high.

Habitat: Open Araucaria forest, Campos woodlets, cloud forest, often forming pure stands.

Distribution in RGS: Northeastern Highlands only.

General distribution: From Goiás to RGS.

Mimosa selloi (Benth.) Benth.,

- FB 15,2 (1876) 379; Burkart, Darwiniana 8 (1948) 97, fig. 11 s, tab. 10; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 118 et passim. — Schranckia selloi Benth., Hook. Journ. Bot. 4 (1842) 415.

9139 RGS, Jarí p. Tupanciretan, NWH, in campestribus siccis dumosis, 26.1.1942, fl., det. Burkart.

34544 RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus siccis dumosis, 30.12.1946, fl.

55202 SC, Capetinga p. Chapecó, in campestribus prostrata, 24.1.1952, fl., leg. R. Reitz, 6421, det. Burkart.

Habit: Weak, almost herbaceous shrub, abundantly branched from a rootstock, branches prostrate, up to 50 cm long.

Habitat: Dry, grassy to shrubby Campos.

Distribution in RGS: Campos area of the northern half of the State, not frequent.

General distribution: Argentine Mesopotamia, northern RGS.

Mimosa setistipula Benth.,

- Hook. Journ. Bot. 4 (1842) 379; FB 15,2 (1876) 340; Burkart, Darwiniana 8 (1948) 189, fig 33 s; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 118 et passim.

10987 RGS, Sta. Maria, CL, in campestribus siccis dumosis, 1943, fl., leg. A. Heidler SJ, det. Burkart.

Habit: Shrub, up to 1 m high.

Habitat: Dry, shrubby Campos.

Distribution in RGS: One only findplace, central Lowlands.

General distribution: From Minas Gerais to Misiones and RGS.

Mimosa sordida Benth.,

Hook. Journ. Bot. 4 (1842) 389; FB 15,2 (1876) 353; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 118 et passim.

32206 RGS, Taimbesinho p. S. Francisco de Paula, NEH, ad arauacrietum in subhumidis, 14.2.1946, fr. maturo.

45562 RGS, ibidem, 30.1.1950, ster.

48302 SC, Campo dos Padres p. Bom Retiro, in dumosis humidis, 17.12.1948, fr. submaturo, leg. R. Reitz 3419, det. Burkart.

49329 RGS, Taimbesinho p. S. Francisco de Paula, NEH, ad rivum in dumosis, 18.12.1950, fr. semievoluto.

50415 RGS, Serra da Rocinha p. Bom Jesus, in campestribus humidis dumosis, 19.1.1950, fr. submaturo, leg. A. Sehnem SJ 4290.

50950 RGS, Taimbesinho p. S. Francisco de Paula, NEH, in dumosis, 18.12.1950, fr. submaturo, leg. A. Sehnem SJ 5140.

52786 RGS, ibidem, in araucarieto humido, 9.8.1952, fl.

60104 SC, Campo dos Padres p. Bom Retiro, in humidis dumosis, 22.1.1957, ster.

Habit: Small shrub, densely branched, up to 1 m high.

Habitat: More or less wet places along streams.

Distribution in RGS: Easternmost rim of the Highlands only.

General distribution: From Minas Gerais to RGS.

NEPTUNIA Lour.

Neptunia pubescens Benth.,

Hook. Journ. Bot. 4 (1842) 356; FB 15,2 (1876) 292 in nota; Burkart, Leg. Arg. (1952) 125; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 119 et passim.

25852 RGS, Fazenda Sta. Cecília p. S. Gabriel, SW, in paludosis dumosis, 1.1944, fl., fr. submaturo.

26890 RGS, ibidem, 1.1944, fl., fr. submaturo.

Habit: More or less herbaceous, Mimosa-like, prostrate.

Habitat: Swampy shrubby places.

Distribution in RGS: Southwestern plains only.

General distribution: Northern and northeastern Argentina, to Uruguay and RGS.

PIPTADENIA Benth.

Piptadenia communis Benth.,

Hook. Journ. Bot. 4 (1842) 337; FB 15,2 (1876) 279, tab. 74.

25873 SC, regio litoranea, in silva, 16.12.1945, fr. maturo, leg. K. Emrich.

30545 SC, Turvo p. Araranguá, in secundariis, 23.1.1944, fl., leg. R. Reitz 1058, det. Serv. Florestal.

58256 SC, Crisciuma, in silva, 6.9.1951, fr., leg. R. Reitz 6389, det. Burkart.

59262 RGS, Estação de Silvicultura p. Sta. Maria, CL, culta, 18.3. 1956, ster., leg. O. Camargo 50.

Habit: Shrub to medium tree.

Habitat: Coastal rain forest, secondary growth.

Distribution in RGS: Although not yet collected within the frontiers of the State, its presence near the northeastern sea coast is certain.

General distribution: From Piauí to RGS.

Piptadenia rigida Benth.

Hook. Journ. Bot. 4 (1842) 338; FB 15,2 (1876) 278; Herter, Flor. Urug. (1930) 68; Malme, Ark. f. Bot. 23A, n. 13 (1931) 14; Burkart, Leg. Arg. (1952) 145; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 119 et passim.

166 RGS, Vila Manresa p. P. Alegre, NEL, in silva, 17.12.1933, fl.

7402 RGS, S. Leopoldo, NEL, in silva, fr., leg. F. Theissen SJ.

9141 RGS, Jarí p. Tupanciretan, NWH, in silva, 26.1.1942, ster.

27421 RGS, P. Alegre, NEL, in silva campestri, 1944, fr., leg. K. Emrich.

29349 RGS, Vila Manresa p. P. Alegre, NEL, in silva, 3.11.1945, fl.

32791 RGS, Parecí p. Montenegro, NEL, in silva, 25.11.1945, fl., leg. E. Henz SJ.

33236 RGS, ibidem, 10.12.1945, fl., leg. E Henz SJ.

35718 RGS, S. Leopoldo, NEL, in silva campestri, 20.11.1946, fl., leg. E. Henz SJ.

38268 RGS, Esteio p. S. Leopoldo, NEL, in silva campestri, 24.11. 1948, fl.

38435 RGS, Vila Manresa p. P. Alegre, NEL, in silva, 1.12.1948, fl.

39845 RGS, ad montem Ferrabraz p. Novo Hamburgo, NEL, in silva pluviali, 12.1.1949, fl. deciso.

40611 RGS, Esteio p. S. Leopoldo, NEL, in silva campestri, 23.3. 1949, fr. submature.

42478 RGS, Parecí p. Montenegro, NEL, in silva, 7.7.1949, fr.

47124 RGS, Butterberg p. Montenegro, NEL, in silva, 22.5.1950, fr.

47360 RGS, Campinas p. Sta. Rosa, NWH, in silva, 2.1947, fl., leg. A. Spies.

48625 RGS, Parecí p. Montenegro, NEL, in silva pluviali, 16.10.1945, fl., leg. A. Sehnem SJ 1424.

49242 RGS, ibidem, 26.11.1950, fl.

49492 RGS, Mato Leitão p. Venâncio Aires, CL, in silva, 1.1.1951, fl.

52944 RGS, Butterberg p. Montenegro, NES, in secundariis, 22.12. 1952, fl.

- 57397** RGS, Estação de Silvicultura p. Sta. Maria, CL, in silva pluviali, 23.12.1955, ster., leg. O Camargo 69.
- 57940** RGS, Pestana p. Ijuí, NWH, in silva pluviali, 12.11.1953, fl., leg. J. Pivetta 1067.
- 58751** RGS, Estação de Silvicultura p. Sta. Maria, CL, in silva, 1.3. 1956, fr., leg. O. Camargo 120.
- 58834** RGS, ibidem, 1.3.1956, ster., leg. O. Camargo 132.
- 61652** RGS, Taquarí, CL, in silva, 10.12.1957, fl., leg. O. Camargo 2783.

Habit: Tall hardwood, up to 25 m high.

Habitat: Subtropical rain forest, Campos woodlets and gallery, secondary growth where it frequently forms pure stands.

Distribution in RGS: Through the whole of the forested area, except for the northeastern Araucaria region.

General distribution: From Paraguay to Argentine Mesopotamia, RGS and Uruguay.

PROSOPIS L.

Prosopis algarobilla Gris.,

Plant. Lorentz. (1874) 83; Burkart, Darwiniana 4 (1940) 115, tab. 13; var. **nandubay** (Lor. ap. Gris.) Hassler, Fedde Rep. 16 (1919) 154; Burkart, l. c. 118. — Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 119 et passim. P. nándubay Lor. ap. Gris., Symb. Flor. Arg. (1879) 117; Herter, Flor. Urug. (1930) 16.

4215 RGS, Barra do Quaraí p. Uruguaiana, SW, in silvula campestris, 15.1.1941, fl.

26354 RGS, Fazenda do Jarau p. Quaraí, SW, in campestribus, 1. 1945, fl., fr. semievoluto.

Habit: Small tree, up to 7 m high, canopy umbrella-like.

Habitat: More or less dry Campos.

Distribution in RGS: Southwesternmost plains, where it sometimes forms park woodlets.

General distribution: From Paraguay and the Argentine Mesopotamia to RGS, and Uruguay.

CAESALPINIOIDEAE

APULEIA Mart.

Apuleia leiocarpa (Vog.) Macbr.,

Contrib. Gray Herb. n. s. 59, (1919) 23; Leg. Arg. (1952) 162, fig. 46;

Leptolobium leiocarpum Vog., Linnaea 11 (1836) 393. — *Apuleia prae-cox* Mart. Herb. Flor. Bras. (1838) 123; Bentham, FB 15,2 (1870) 177, tab. 46; Malme, Ark. f. Bot. 23A, n. 13 (1931) 15; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 130 et passim.

- 366** RGS, S. Leopoldo, NEL, in silva, 4.10.1932, fl., leg. J. Dutra.
3131 RGS, Pareci p. Montenegro, NEL, in silva pluviali, 9.1938, fl.
58776 RGS, Estação de Silvicultura p. Sta. Maria, CL, in silva pluviali, 1.3.1956, ster., leg. O. Camargo 117.
59288 RGS, ibidem, 18.3.1956, ster., leg. O. Camargo 61.
57912 RGS, Pestana p. Ijuí, NWH, in silva pluviali, 27.8.1953, fl., leg. J. Pivetta 1079.

Habit: Tall, hardwood, up to 25 m high.

Habitat: Subtropical rain forest.

Distribution in RGS: Through the whole of the rain forest area, especially at the Upper Uruguay River, where it forms almost pure stands.

General distribution: From Bahia to Misiones and RGS.

BAUHINIA L.

Bauhinia candicans Benth.,

FB 15,2 (1870) 201; Herter, Flor. Urug. (1930) 68; Malme, Ark. f. Bot. 23A, n. 13 (1930) 15; Burkart, Leg. Arg. (1952) 160; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 119 et passim.

- 1411** SC, Itapiranga ad. fl. Uruguay superius, in secundariis, 16.2.1934, ster.
10970 RGS, Cêrro Largo, NWH, in secundariis, 1.1943, ster., leg. P. Buck SJ.
10976 RGS, Marcelino Ramos ad fl. Uruguay superius, NWU, in secundariis, 1.1943, fl., leg. E. Friderichs SJ.
10981 RGS, Ijuí, NWH, in secundariis, 17.2.1943, fl., leg. H. Hoffmann.
28448 RGS, Nonoai ad fl. Uruguay superius, NWU, in silvula campestri, 3.1945, fl.
37185 RGS, Sobradinho, CH, in secundariis, 1.1948, fl., leg. J. Becker.
49885 SC, Itapiranga ad fl. Uruguay superius, 6.2.1951, fl., fr. sub-maturo.
50003 RGS, Palmeira, NWH, in campestribus dumosis, 12.2.1951, fl.
55560 SC, Chapecó, in secundariis, 7.2.1951, fl., leg. R. Reitz 5563, det. Burkart.
57882 RGS, Pestana p. Ijuí, NWH, in dumosis, 15.1.1954, fl., leg. J. Pivetta 1061.
61869 RGS, Passo Fundo, CH, in dumosis, 20.10.1957, ster., leg. O. Camargo 2181.
63346 RGS, Pelotas, SEC, in silvula, 15.3.1955, fr., leg. J. Sacco 943.

Habit: Shrub to small tree, up to 6 m high.

Habitat: Edge of the forest, secondary growth.

Distribution in RGs: Except for 63346, all collections from the northwestern rain forest area.

General distribution: South Brazil to Uruguay.

Bauhinia microstachya (Raddi) Macbr.,

Contrib. Gray Herb. n. s. 59 (1919) 22; Burkart, Leg. Argent. (1953) 160; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 119 et passim. — Schnella microstachya Raddi, Piant. Bras. Nuov. (1820) 33. — Bauhinia langsdorffiana Bong., Mém. Acad. Petersb. 4 (1836) 109; Bentham, FB 15,2 (1870) 204; Malme, Ark. f. Bot. 23A, n. 13 (1931) 15.

1409 RGS, Tres Figueiras p. Viamão, NEL, in silva, 8.9.1932, ster.

1412 SC, Itapiranga ad. fl. Uruguay, in silva pluviali scandens, 15.2. 1934, ster.

2851 RGS, Schwabenschneis p. Novo Hamburgo, NES, in silva pluviali, 12.5.1937, ster.

6455 RGS, sine loco, sine die, fr. submaturo.

6467 RGS, sine loco, sine die, ster.

7395 RGS, S. Leopoldo, NEL, in silva scandens, 1907, ster, leg. F. Theissen SJ.

10971 RGS, Cerrra Largo p. S. Luiz, NWH, in silva scandens, 1.1943, ster., leg. P. Buck SJ.

27627 RGS, Pareci p. Montenegro, NEL, in silva pluviali scandens, 1944, ster., leg. E. Henz SJ.

28122 RGS, Nonoai ad fl. Uruguay superius, NWU, in silva pluviali, 3.1945, ster.

29932 RGS, Kappesberg p. Montenegro, NES, in silva pluviali, 25. 3.1945, fl., leg. E. Friderichs SJ.

30107 RGS, ibidem, 1945, fl., leg. G. Schader SJ.

50584 RGS, ibidem, 19.3.1950, fl., leg. A. Sehnem 4509.

Habit: High climber, stem broad, flat, staircase-like.

Habitat: Interior of the rain forest.

Distribution in RGs: Throughout the whole of the subtropical rain forest area.

General distribution: From Amazonia to Misiones and RGS.

Bauhinia pruinosa Vog.,

Linnaea 13 (1839) 301; Bentham, FB 15,2 (1870) 200; Malme, Ark. f. Bot. 23A, n. 13 (1931) 14; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 120 et passim.

138 RGS, Juca Batista p. P. Alegre, NEL, in silva riparia, 3.1.1933, fl.

3791 RGS, Bohnental p. Caí, NES, in secundariis, 4.1.1941, fl. non-dum aperto.

- 6645** RGS, Sta. Clara p. Lageado, CS, in secundariis, 18.11.1940, ster.
- 7390** RGS, S. Leopoldo, NEL, in secundariis, 1907, fr., leg. F. Theissen SJ.
- 9259** RGS, Jarí p. Tupanciretan, NWH, in silvula campestri, 26.1.1942, fl.
- 9683** RGS, Tupanciretan, NWH, ad silvulam, 28.1.1942, fl.
- 10968** RGS, Nova Petrópolis, NES, in secundariis, 1.1943, ster.
- 10972** RGS, Marcelino Ramos ad fl. Uruguay superius, NWU, in silvula secundaria, 1.1943, fl. nondum aperto, leg. E. Friderichs SJ.
- 25031** RGS, S. Leopoldo, NEL, in dumosis, 1907, fl., leg. F. Theissen SJ.
- 25489** SC, Cabo Sta. Marta p. Laguna, in secundariis, 16.1.1943, fl., leg. R. Reitz.
- 27652** RGS, Pareci p. Montenegro, NEL, in secundariis, 1944, ster., leg. E. Henz SJ.
- 28036** RGS, Vila Oliva p. Caxias, NEH, in secundariis, 1.1945, fl. nondum aperto, leg. P. Buck SJ.
- 28355** RGS, Nonoai ad fl. Uruguay superius, NWU, in silvula, 3.1945, ster.
- 31601** SC, Sombrio p. Araranguá, in secundariis, 5.2.1946, fr. semievol.
- 35072** RGS, Fazenda da Ronda p. Vacaria, NEH, in araucarieto aperto, 11.1.1947, fl.
- 35710** RGS, S. Leopoldo, NEL, in silvula campestri aperta, 20.11.1946, fl., leg. E. Henz SJ.
- 35927** Paraná, Araiporanga, in silvula campestri, 3.11.1946, fl., leg. G. Hatschbach 505.
- 39474** RGS, Teresópolis p. P. Alegre, NEL, in campestribus dumosis, 4.1.1949, fl.
- 39917** RGS, ad montem Ferrabraz p. Novo Hamburgo, NEL in secundariis, 12.1.1949, fl.
- 40022** RGS, Linha Bonita p. Montenegro, NES, in secundariis, 9.1.1949, fl.
- 40124** RGS, Guaiba p. P. Alegre, NEL, in ripariis, 24.1.1949, fl.
- 40493** RGS, Vila Manresa p. P. Alegre, NEL, in silvula campestri, 14.3.1949, fr. submaturo.
- 41377** RGS, Morretes p. P. Alegre, NEL, in silvula sabulosa, 2.5.1949, fr. submaturo.
- 46807** RGS, Fazenda do Arroio p. Osório, NEC, in silvula arenosa, 14.5.1950, fr. submaturo.
- 56742** RGS, Vila Oliva p. Caxias, NEH, in secundariis, 8.2.1955, fl.
- 58589** RGS, Vila Manresa p. P. Alegre, NEL, in silvula, 8.2.1956, fl.
- 58791** RGS, Estação de Silvicultura p. Sta. Maria, CL, in silvula, 3.2.1956, ster., leg. O. Camargo 227.
- 60874** RGS, Sta. Rita p. Farroupilha, NEH, in dumosis, 8.7.1957, ster., leg. O. Camargo 1661.
- 62152** RGS, Bento Gonçalves, NEH, in secundariis, 6.10.1957, ster., leg. O. Camargo 1983.

Habit: Shrub to small tree, up to 5 m high.

Habitat: Edge of the forest, more especially in secondary woodlets, where it is one of the most characteristic successional species.

Distribution in RGS: Through the whole of the subtropical rain forest area.

General distribution: Northern and northeastern Argentina, RGS.

CAESALPINIA L.

***Caesalpinia epunctata* (Vog.) Benth.,**

FB 15,2 (1870) 74; Herter, Flor. Urug. (1930) 68 (*C. modesta* Arech.); Malme, Ark. f. Bot. 23A, n. 13 (1931) 17; Burkart, Leg. Arg. (1952) 174; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 120 — *Cladotrichium epunctatum* Vog., Linnaea 11 (1837) 403.

3947 RGS, Morro Vigia p. Livramento, SW, in rupestribus dumosis, 12.1.1941, fr. matura.

4970 RGS, Sta. Maria, CL, in campestribus siccis dumosis, 8.9.1938, fl. subaperto, leg. W. Rau.

10201 RGS, ibidem, 15.2.1942, fl., leg. W. Rau.

58968 RGS, Granja Neugebauer p. Itapoan, NEL, in arenosis siccis subnudis, 11.10.1950, fl.

51344 RGS, Leprosário p. Itapoan, NEL, in arenosis dumosis, 14.12.1951, fr. semievoluto.

54849 RGS, Torres, NEC, prope litus in sabulosis, 11.2.1954, fl.

58606 RGS, Estação de Silvicultura p. Sta. Maria, CL, in campestribus siccis, 10.1.1956, fr., leg. O. Camargo 27.

58613 RGS, ibidem, 10.1.1956, fl., fr., leg. O. Camargo 20.

63619 RGS, Fazenda do Arroio p. Osório, NEC, in sabulosis, 23.1.1958, fl.

Habit: Low shrub, branches prostrate to ascending or erect.

Habitat: Dry, sandy, shrubby places.

Distribution in RGS: Southern half of the State and northeastern sea coast.

General distribution: RGS and Uruguay.

***Caesalpinia gilliesii* (Wall.) Benth.,**

FB 15,2 (1870) 71; Herter, Flor. Urug. (1930) 68; Burkart, Leg. Arg. (1952) 173; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 120 et passim. — *Poinciana gilliesii* Wall., Hook. Bot. Misc. 1 (1829) 129, tab. 34.

57942 RGS, Pestana p. Ijuí, NWH, culta?, 7.12.1953, fl., fr., leg. J. Pivetta 1062.

Habit: Shrub, 1—3 m. high.

Habitat: Along hedges.

Distribution in RGS: If native, then near the western frontier only.

General distribution: Northern and central Argentina, Uruguay.

Caesalpinia rubicunda (Vog.) Benth.,

FB 15,2 (1870) 73; Herter, Flor. Urug. (1930) 68; Malme, Ark. f. Bot. 23A, n. 13 (1931) 16; Burkart, Leg. Arg. (1952) 174; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 120 et passim. — Cladotrichium rubicundum Vog., Linnaea 11 (1837) 401.

- 413** RGS, S. Leopoldo, NEL, ad flumen in arenosis, sine die, fl.
7338 RGS, S. Leopoldo, NEL, ibidem, 1907, fl., leg. F. Theissen SJ.
9129 RGS, Jarí p. Tupanciretan, NWH, in campestribus siccis dumosisis, 25.1.1942, fr. semievoluto.
9406 RGS, ibidem, 26.1.1942, ster.
9438 RGS, ibidem, 27.1.1942, fl.
10091 RGS, Ijuisinho p. Tupanciretan, NWH, in campestribus siccis dumosisis, 30.1.1942, fl., fr. submaturo.
10137 RGS, ibidem, 30.1.1942, fl.
10974 RGS, Caaró p. S. Luiz, NWH, in campestribus siccis dumosisis, 1.1943, fl., leg. P. Buck SJ.
11817 RGS, Sta. Maria, CL, in campestribus, 1939, fl., leg. W. Rau.
25018 RGS, S. Leopoldo, NEL, in arenosis dumosisis, 1907, fl., leg. F. Theissen SJ.
28163 RGS, Nonoai ad fl. Uruguay superius, NWU, in campestribus siccis dumosisis, 3.1945, fl. semievoluto.
28164 RGS, ibidem, 3.1945, fl.
33037 RGS, Pareci p. Montenegro, NEL, in arenosis dumosisis, 15.1.1946, fl., leg. A. Strieder SJ.
47980 RGS, S. Luiz das Missões, NWH, in campestribus siccis dumosisis, 4.1.1949, fl., fr. semievoluto, leg. A. Sehnem SJ 3614.
53382 RGS, Caaró p. S. Luiz, NWH, in campestribus dumosisis, 24.11.1952, fl.
61388 RGS, Vale Veneto p. Sta. Maria, CL, in campestribus, 11.11.1956, fl., leg. J. Pivetta 1256.

Habit: Shrub, up to 1 m high.

Habitat: Dry, grassy or shrubby Campos.

Distribution in RGS: Very frequent on the western Campos; eastern limit in the north-eastern Lowlands.

General distribution: From Paraguay and Argentine Mesopotamia to RGS and Uruguay.

CASSIA L.

Cassia bicapsularis L.

Spec. plant. (1753) 538; Bentham, FB 15,2 (1870) 106; Herter, Flor. Urug. (1930) 68; Burkart, Leg. Arg. (1952) 165.

- 1410** RGS, Vila Manresa p. P. Alegre, NEL, ad viam in dumosisis, 19.3.1933, ster.

- 7389** RGS, S. Leopoldo, NEL, in campestribus dumosis, 1907, fl., leg. F. Theissen SJ.
- 7394** RGS, ibidem, 1907, ster., leg. F. Theissen SJ.
- 9267** RGS, Jarí p. Tupanciretan, NWH, in campestribus, 26.1.1942, ster.
- 10975** RGS, Sta. Maria, CL, in dumosis secundariis, 1942, fl., leg. W. Rau.
- 25068** RGS, S. Leopoldo, NEL, in secundariis, 1907, fr. maturo, leg. F. Theissen SJ.
- 25321** RGS, ibidem, 1907, fl., leg. F. Theissen SJ.
- 25483** RGS, S. Leopoldo, NEL, ad viam in dumosis, 13.9.1943, fr. mat., leg. R. Reitz.
- 27474** RGS, Vila Manresa p. P. Alegre, NEL, in dumosis, 1944, fr. semievoluto.
- 28016** RGS, Tramandaí, NEC, in dumosis, 1.1945, fl. nondum evo-luto, leg. P. Gonçalves.
- 28885** SC, Trindade p. Florianópolis, ad viam in dumosis, 25.3.1945, fl., leg. A. Rohr SJ.
- 28905** RGS, P. Alegre, NEL, in dumosis, 2.5.1945, fr., leg. K. Emrich.
- 28908** RGS, P. Alegre, NEL, culta, 5.6.1945, folium, leg. K. Emrich.
- 30539** SC, Sombrio p. Araranguá, in secundariis, 15.4.1944, fl., leg. R. Reitz 1094.
- 31299** RGS, Vila Oliva p. Caxias, NEH, in secundariis, 24.2.1946, fl.
- 33000** RGS, Pareci p. Montenegro, NEL, in secundariis, 28.12.1945, fl. leg. A. Strieder SJ.
- 35071** RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus du-mosis, 7.1.1947, fl.
- 37960** RGS, sine loco, sine die, fl.
- 40382** RGS, Vila Manresa p. P. Alegre, NEL, in dumosis, 3.3.1949, fl.
- 40458** RGS, ad montem Sapucaia p. S. Leopoldo, NEL, in rupestribus dumosis, 9.3.1949, fl.
- 40628** RGS, Esteio p. S. Leopoldo, NEL, ad viam, 23.3.1949, fl.
- 40728** RGS, Cristal p. P. Alegre, NEL, ad viam in dumosis, 31.3. 1949, fl.
- 41110** RGS, Ilha da Pintada p. P. Alegre, NEL, in dumosis, 20.4. 1949, fr. semievoluto.
- 46198** RGS, Cristo Rei p. S. Leopoldo, NEL, in incultis dumosis, 10. 3.1950, fl.
- 46255** RGS, Vila Manresa p. P. Alegre, NEL, in dumosis, 13.3.1950, fl.
- 46425** RGS, Gramado p. Canela, NEH, in dumosis, 20.3.1950, fl.
- 46503** RGS, Lagoa da Pinguela p. Osório, NEC, in campestribus du-mosis, 27.3.1950, fl.
- 46662** RGS, Barra do Ribeiro p. P. Alegre, NEL, in dumosis, 5.4. 1950, fl.
- 47064** RGS, Lagoa da Pinguela p. Osório, NEC, in dumosis, 8.5. 1950, fl.
- 50042** RGS, Soledade, CH, in dumosis, 13.2.1951, fl. subaperto.

- 50224** RGS, Vila Manresa, p. P. Alegre, NEL, in dumosis, 26.3.1950, fl.
- 50237** RGS, ibidem, ad viam, 26.3.1951, fl.
- 57941** RGS, Pestana p. Ijuí, NWH, in dumosis, 9.4.1954, fl., leg. J. Pivetta 1059.
- 59295** RGS, Estação de Silvicultura p. Sta. Maria, CL, in dumosis, 10.1.1956, fl., leg. O. Camargo 5.
- 60335** RGS, ibidem, 10.4.1956, fl., leg. O. Camargo 533.
- 60746** RGS, Passo Fundo, CH, in dumosis, 4.1957, fr., leg. P. Frediani.
- 63011** RGS, Pelotas, SEC, in dumosis, 10.3.1956, fl., leg. Schlichting.
- 63347** RGS, ibidem, in dumosis, 15.3.1955, fl., leg. Sacco 946, det. Burkart.

Habit: Shrub, densely branched, up to 1.5 m high.

Habitat: All kinds of shrub vegetation, especially secondary growth.

Distribution in RGS: Through the whole of the Campos, and cultivated area.

General distribution: From Colombia and Bahia down to northern Argentine, RGS and Uruguay.

Cassia corymbosa Lam.,

Dict. 1 (1783) 644; Bentham, FB 15,2 (1870) 107; Herter, Flor. Urug. (1930) 68; Malme, Ark. f. Bot. 23A, n. 13 (1931) 19; Burkart, Leg. Arg. (1952) 166; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 120 et passim.

8135 sine loco, sine die, fl.

25460 SC, Luiz Alves p. Joinville, 15.2.1943, fl., leg. R. Reitz.

26326 RGS, Fazenda do Jarau p. Quaraí, SW, in campestribus dumosis, 1.1945, ster.

51292 RGS, P. Alegre, NEL, in incultis dumosis, 1950, ster., leg. G. Leal.

54916 RGS, Vila Oliva p. Caxias, NEH, ad viam in dumosis, 24.2.1954, fl.

Habit: The same as in the precedent; I do not see any real difference between *C. bicapsularis* and *C. corymbosa*.

Habitat: Shrub vegetation, secondary growth.

Distribution in RGS: No clear pattern; most of the citations in literature may belong to *C. bicapsularis*.

General distribution: Argentine Mesopotamia, Uruguay, RGS.

Cassia flexuosa L.,

Spec. Plant. (1753) 543; Bentham, FB 15,2 (1870) 169; Burkart, Leg. Arg. (1952) 167; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 120 et passim.

33716 Paraná, in arenosis siccis dumosis, 19.4.1946, fl., leg. G. Hatschbach.

- 37980** RGS, Barra do Ribeiro p. P. Alegre, NEL, in arenosis siccis dumosis, 14.11.1948, fl.
- 39081** RGS, Itapoan p. P. Alegre, NEL, in arenosis siccis, 22.12.1948, fl., fr. maturo.
- 40840** RGS, Granja Neugebauer p. Itapoan, NEL, in sabulosis siccis, 3.4.1949, fl., fr. maturo.
- 44940** RGS, Itapoan p. P. Alegre, NEL, in arenosis dumosis, 23.12.1949, fl., fr. submaturo.
- 46783** RGS, Fazenda do Arroio p. Osório, NEC, 14.4.1950, fl., fr. maturo.
- 46844** RGS, Viamão p. P. Alegre, NEL, in sabulosis siccis, 17.4.1950, fr.
- 54845** RGS, Torres, NEC, in arenosis, 11.2.1954, fl., fr.

Habit: Small, woody shrub, abundantly branched, base often hidden under the shifting sand.

Habitat: Dry, sandy, more or less bare places.

Distribution in RGS: Northeastern Lowlands and sea coast.

General distribution: From Central America and Cuba to Uruguay.

Cassia leptophylla Vog.,

Syn. Cass. () 13; Bentham, FB 15,2 (1870) 96; Malme, Ark. f. Bot. 23A, n. 13 (1931) 15; Rambo, An. Bot. Herb. Barb. Barb. 5 (1953) 120 et passim.

- 144**, RGS, Vila Manresa p. P. Alegre, NEL, culta, 12.12.1936, fl.
- 7397** RGS, S. Leopoldo, NEL, culta, 1907, fl., leg. F. Theissen SJ.
- 10980** RGS, P. Alegre, NEL, culta, 1943, fl., leg. K. Emrich.
- 25030** RGS, S. Leopoldo, NEL, culta, 1943, fl., leg. A. Reckziegel SJ.
- 25875** RGS, P. Alegre, NEL, culta, 1943, fl., leg. K. Emrich.
- 30958** RGS, Vila Manresa p. P. Alegre, NEL, culta, 12.12.1945, fl.
- 42723** RGS, ibidem, culta, 25.7.1949, fr. maturo.
- 47920** RGS, Campestre p. Montenegro, NES, in silva, 15.11.1946, fl., leg. A. Sehnem SJ 2293.
- 51312** RGS, P. Alegre, NEL, culta, 1950, fl., leg. G. Leal.
- 52942** RGS, Butterberg p. Montenegro, NES, in agro (cultta?) 22.12.1952, fl.
- 58232** SC, Ibirama, in pascuo, 23.11.1953, fl., leg. R. Reitz 9241, det. Burkart.
- 61400** RGS, Pestana p. Ijuí, NWH, in silva, 1.12.1956, fl., leg. J. Pivetta 1221.

Habit: Small to medium tree, up to 10 m high.

Habitat: Apparently native in secondary forest, mostly cultivated.

Distribution in RGS: If native, then in the rain forest belt, rare.

General distribution: From S. Paulo to RGS.

Cassia multijuga Rich.,

Act. Soc. Hist. Nat. Paris 1 (1792) 108; Bentham, FB 15,2 (1870) 123, tab. 37; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 120, et passim.

31817 SC, Sombrio p. Araranguá, in silvula, 9.2.1946, fr. sub-maturo.

52483 SC, Turvo p. Araranguá, in silvula, 7.11.1943, fl., leg. R. Reitz 974, det. Serviço Florestal.

55211 SC, Pilões p. Palhoça, in silvula, 13.12.1951, fl., leg. R. Reitz 6431, det. Burkart.

57419 RGS, Estação de Silvicultura p. Sta. Maria, CL, culta, 14.10.1955, ster., leg. O. Camargo 5.

60686 RGS, Taquarí, CL, culta, 1.1957, fl., leg. Machado.

Habit: Shrub to small tree, 5 m high.

Habitat: Woodlets, secondary growth.

Distribution in RGS: Although not yet found, certain near the northeastern sea coast.

General distribution: From Amazonia to northern Argentina and RGS.

Cassia nana Bentham,

FB 15,2 (1870) 110; Herter, Flor. Urug. (1930) 68; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 120.

26141 RGS, Fazenda do Jarau p. Quaraí, SW, in campestribus siccis graminosis, 1.1945, fl., fr.

Habit: Very small shrub, erect, unbranched, generally less than 10 cm high, pod often as long as the stem.

Habitat: Dry, stony, grassy Campos.

Distribution in RGS: Southwesternmost plains only.

General distribution: RGS, Uruguay.

Cassia neglecta Vog.,

Linnaea 10 (1836) 391; Bentham, FB 15,2 (1870) 111.

51584 RGS, Passo do Socorro p. Vacaria, NEH, in campestribus dumosis, 27.12.1951, fl.

Habit: Shrub, up to 2 m high.

Habitat: Shrubby undergrowth of Araucaria forest.

Distribution in RGS: One only findplace.

General distribution: From Minas Gerais to RGS.

Cassia oblongifolia Vog.,

Syn. Cass. 23 () 23; Bentham, FB 15,2 (1870) 110; Herter, Flor. Urug. (1930) 68; Malme, Ark. f. Bot. 23A, n. 13 (1931) 15; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 120 et passim.

- 139** RGS, Morro Canastra p. Feliz, NES, in rupestribus dumosis, 9.3.1953, fl.
- 2188** RGS, Kappesberg p. Montenegro, NES, in rupestribus dumosis, 27.12.1935, fl.
- 3124** SC, Florianópolis, in dumosis, 6.1938, fl.
- 25029** RGS, Feliz, in secundariis, 1943, fl., leg. A. Reckziegel.
- 27090** RGS, Vila Manresa p. P. Alegre, NEL, in silvula campestri, 10.1944, fl.
- 32917** RGS, Kappesberg p. Montenegro, NES, in dumosis rupestribus, 8.10.1945, fl., leg. E. Friderichs SJ.
- 35604** RGS, ibidem, 20.12.1946, fl., leg. E. Henz SJ.
- 44007** RGS, Morro do Osso p. P. Alegre, NEL, in silvula campestri, 21.10.1949, fl.
- 47881** RGS, Kappesberg p. Montenegro, NES, in rupestribus dumosis, sine die, fl., leg. A. Sehnem SJ 4014.
- 48360** SC, Morro da Igreja p. S. Joaquim, 3.1.1949, fl., leg. R. Reitz 3389, det. Burkart.
- 49639** RGS, Kappesberg p. Montenegro, NES, in rupestribus dumosis, 12.1.1951, fl.
- 51021** SC, Lages, in silvula campestri, 10.1.1951, fl., leg. A. Sehnem SJ 5475.
- 55214** SC, Anitápolis, in secundariis, 2.4.1953, fl., leg. R. Reitz 6435, det. Burkart.
- 59571** RGS, Farroupilha, NEH, in dumosis, 30.10.1956, fl., leg. O. Camargo 899.
- 61795** RGS, ibidem, 18.11.1957, fl., leg. O. Camargo 2558.
- 62595** RGS, ibidem, 15.10.1957, fl., leg. O. Camargo 2109.

Habit: Shrub or small tree, up to 4 m high.

Habitat: Edge of the forest, secondary growth.

Distribution in RGS: Northeastern rain forest area.

General distribution: From Minas Gerais to Uruguay.

Cassia occidentalis L.,

Spec. Plant. (1753) 539; Bentham FB 15,2 (1870) 112; Herter, Flor. Urug. (1930) 68; Malme, Ark. f. Bot. 23A, n. 13 (1931) 15; Burkart Leg. Arg. (1952) 164; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 120 et passim.

- 142** RGS, Vila Manresa p. P. Alegre, NEL, in incultis, 10.4.1932, fl.
- 1408** RGS, S. Leopoldo, NEL, ad viam, 10.11.1922, fl.
- 3197** RGS, sine loco, sine die, fl.
- 7396** RGS, S. Leopoldo, NEL, in ruderatis, 1907, fl., fr. leg. F. Theissen SJ.
- 25317** RGS, ibidem, 1907, fl., fr. semievoluto, leg. F. Theissen SJ.
- 27414** RGS, P. Alegre, NEL, in ruderatis, 1944, fl., fr. semievoluto, leg. K. Emrich.

- 28465** RGS, Nonoai ad fl. Uruguay superius, NWU, ad viam, 3.1945, fr.
- 36964** RGS, S. Leopoldo, NEL, ad viam, 10.3.1947, fl., fr. maturo, leg. E. Henz SJ.
- 40514** RGS, Vila Manresa p. P. Alegre, NEL, in incultis, 14.3.1949, fl., fr.
- 40778** RGS, S. Leopoldo, NEL, in ruderatis, 1.4.1949, fl., fr. semiev.
- 41129** RGS, Ilha da Pintada p. P. Alegre, NEL, in incultis, 24.4.1949, fl., fr. juvenili.
- 41746** RGS, Fião p. S. Leopoldo, NEL, in agro, 29.5.1949, fr.
- 46660** RGS, Barra do Ribeiro p. P. Alegre, NEL, in ruderatis, 15.4.1950, fl., fr. semievoluto.
- 51339** RGS, Leprosário p. Itapoan, NEL, ad viam in dumosis, 14.12.1952, fl., fr. semievoluto.
- 52482** SC, Sombrio p. Araranguá, in incultis, 25.4.1947, fl., fr. submaturo, leg. R. Reitz 1271, det. Serv. Florestal.

Habit: Weakly lignified shrub, up to 2 m high.

Habitat: On disturbed soil only.

Distribution in RGS: Through the whole of the cultivated area.

General distribution: Tropical cosmopolite.

Cassia patellaria DC.,

Collad. Hist. Cass. (1816) 125, tab. 16; Bentham, FB 15,2 (1870) 174; Malme, Ark. f. Bot. 23A, n. 13 (1931) 16; Burkart, Leg. Arg. (1952) 167; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 121 et passim.

- 140** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 17.3.1933, fl.
- 2940** RGS, S. Borja, SW, in campestribus siccis subdumosis, 1942, fl., leg. F. Baglione.
- 9209** RGS, Jarí p. Tupanciretan, NWH, in campestribus siccis dumosis, 26.1.1942, fl.
- 9425** RGS, ibidem, 27.1.1942, fl.
- 9448** RGS, ibidem, 27.1.1942, fl.
- 10042** RGS, Ijuisinho p. Tupanciretan, NWH, in campestribus siccis graminosis, 30.1.1942, fl.
- 25370** SC, Trindade p. Florianópolis, in arenosis dumosis, 16.3.1942, fl., fr. submaturo, leg. A. Rohr SJ.
- 35838** RGS, Montserrat p. P. Alegre, NEL, in campestribus siccis subdumosis, 29.11.1946, fl., leg. K. Emrich.
- 38245** RGS, Môrro da Polícia p. P. Alegre, NEL, in campestribus siccis dumosis, 17.11.1948, fl., fr. submaturo.
- 39143** RGS, Espírito Santo p. P. Alegre, NEL, in campestribus siccis saxosis graminosis, 24.12.1948, fl., fr. submaturo.
- 39732** RGS, Pareci p. Montenegro, NEL, in campestribus siccis graminosis, fl., fr. submaturo.
- 40587** RGS, Sapucaia p. S. Leopoldo, NEL, in arenosis siccis, 17.3.1949, fr.

- 40773** RGS, ibidem, 1.4.1949, fr.
- 40833** RGS, Granja Neugebauer p. Itapoan, NEL, in campestribus siccis subdumosis, 3.4.1949, fl., fr. submature.
- 50579** RGS, Gravataí p. P. Alegre, NEL, in siccis graminosis, 2.2.1950, fl., leg. A. Sehnem SJ 4376.
- 58736** RGS, Estação de Silvicultura p. Sta. Maria, CL, in campestribus graminosis, 3.2.1956, fl., leg. O. Camargo 207.
- 58813** RGS, ibidem, 1.3.1953, fl., leg. O. Camargo 160.
- 59230** RGS, ad montem Sapucaia p. S. Leopoldo, NEL, in dumosis, 3.2.1956, fl., fr.
- 60462** RGS, Estação de Silvicultura p. Sta. Maria, CL, in dumosis, 10.4.1956, fl., fr., leg. O. Camargo 468.

Habit: Small, erect shrub, up to 75 cm high.

Habitat: Dry, more or less open or shrubby Campos.

Distribution in RGS: Through the whole of the Campos area, except for the northeastern Highlands.

General distribution: From Guyana and Colombia to northern Argentina, RGS and Uruguay.

Cassia persoonii Collad.,

Hist. Cass. (1816) 119; Burkart, Leg. Arg. (1952) 167 — *Cassia uniflora* Spreng. Neue Entd. 1 (1820) 291; Benth, FB 15,2 (1870) 157, tab. 43, fig. 1.

- 54821** RGS, Torres, NEC, prope litus in arenosis, 11.2.1954, fl.
- 54384** SC, Massiambú p. Palhoça, ad litus in arenosis, 19.12.1952, fl., fr., leg. R. Reitz 6463, det. Burkart.
- 54387** SC, ibidem, 14.5.1953, fl., leg. R. Reitz 6458, det. Burkart.
- 55213** SC, ibidem, 12.3.1953, fl., leg. R. Reitz 6433, det. Burkart.

Habit: Small shrub, abundantly branched, branches often half hidden in the sand, up to 50 cm long.

Habitat: Sandy coast strip.

Distribution in RGS: Northeastern coast only.

General distribution: From Paraguay and South Brazil down to Misiones and RGS.

Cassia pilifera Vog.,

Syn. Cass. () 23; Benth, FB 15,2 (1870) 115; Burkart, Leg. Arg. (1952) 166; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 121 et passim.

3085 RGS, Caaró p. S. Luiz, NWH, in campestribus siccis subdumosis, 28.1.1938, fl.

27091 RGS, ibidem, 28.1.1938, fl.

53276 RGS, Sto. Angelo, NWH, in campestribus graminosis, 17.11.1952, ster.

57881 RGS, Cruz Alta, NWH, in campestribus siccis, 2.1.1954, fl., leg. J. Pivetta 1063.

- 58986** RGS, Estação de Silvicultura p. Sta. Maria, CL, in campestribus, 5.1.1956, fl., fr. juvenili, leg. O. Camargo 152.
60320 RGS, Ijuí, NWH, in campestribus, 8.1.1957, fl., fr.
61402 RGS, S. Miguel p. S. Luiz, NWH, in campestribus, 4.11.1956, fl., leg. J. Pivetta 1220.

Habit: Small, weak shrub, abundantly branched from a rootstock, branches prostrate to ascending, up to 5 cm long.

Habitat: Dry, grassy Campos.

Distribution in RGS: Middle western Campos area only.

General distribution: From Piauí to Paraguay and RGS.

Cassia pubescens Jacq.

Fragm. 46 (1809) tab. 57; Bentham, FB 15,2 (1870) 113; Malme, Ark. f. Bot. 23A, n. 13 (1931) 16; Burkart, Leg. Arg. (1952) 165; An. Bot. Herb. Barb. Rodr. 5 (1953) 121 et passim.

- 141** RGS, Feliz, NES, ad viam in incultis, 6.3.1933, fl.
4658 RGS, Sto. Angelo, NWH, ad viam in dumosis, 18.2.1941, fl.
7739 RGS, S. Leopoldo, NEL, in incultis, 1907, fl., fr., leg. F. Theissen SJ.
9106 RGS, Jarí p. Tupanciretan, NWH, in Campestribus, 25.1.1942, fl.
9532 RGS, Jarí p. Tupanciretan, NWH, in campestribus dumosis, 27.1.1942, fl.
10973 RGS, Cêrro Largo p. S. Luiz, NWH, in incultis, 1.1943, fl., leg. P. Buck SJ.
10977 RGS, Marcelino Ramos, NWU, in secundariis 1.1945, ster., leg. E. Friderichs SJ.
25049 RGS, Feliz, NES, ad viam in dumosis, 1943, ster., leg. A. Reckziegel.
25437 SC, Antônio Carlos p. Biguassú, ad viam in dumosis, 2.3.1943, fl., leg. R. Reitz.
25543 RGS, Sta. Maria, CL, in dumosis, 1943, fl., leg. A. Heidler SJ.
28089 RGS, Vila Oliva p. Caxias, NEH, in dumosis, 2.1945, fl., leg. P. Buck SJ.
28464 RGS, Nonoi ad fl. Uruguay, NWU, in dumosis, 3.1945, fl.
28888 SC, Trindade p. Florianópolis, ad viam, 18.3.1945, fl., leg. A. Rohr SJ.
29957 RGS, Kappesberg p. Montenegro, NES, in dumosis, 6.1945, fl., leg. E. Friderichs SJ.
31349 RGS, Vila Oliva p. Caxias, NEH, in incultis dumosis, 25.2.1946, fr.
32074 SC, Praia Grande p. Araranguá, in dumosis, 13.2.1946, fl., fr.
36185 RGS, Cambará p. S. Francisco de Paula, NEH, in dumosis ad viam, 2.1948, fl.
37182 RGS, Sobradinho, CH, ad viam in dumosis, 1.1948, fl., leg. J. Becker.

- 37673** Paraná, Florestal p. Piraquara, in secundariis, 22.2.1948, fl., leg. G. Hatschbach 881.
- 40181** RGS, Farroupilha, NEH, ad viam, 27.1.1949, fl.
- 45678** RGS, Sta. Rita p. Farroupilha, NEH, in secundariis, 7.2.1950, fl.
- 46250** RGS, Lagoa da Pinguela p. Osório, NEC, in secundariis, 13.3.1950, fl.
- 46500** RGS, ibidem, 27.3.1950, fl.
- 47052** RGS, ibidem, 8.5.1950, fl., fr. submaturo.
- 47399** RGS, Campinas p. Sta. Rosa, NWH, ad viam, 2.1950, fl., leg. A. Spies.
- 48034** RGS, Cérro Largo p. S. Luiz, NWH, in dumosis secundariis 23.12.1948, fl., leg. A. Sehnem SJ 3563.
- 48579** RGS, Kappesberg p. Montenegro, NES, in dumosis, 18.3.1949, fl., leg. A. Sehnem SJ 3819.
- 53526** Paraná, Cascavel, in dumosis, 10.1.1953, fl.
- 55234** SC, Mafra, in secundariis, 28.1.1953, fl., leg. R. Reitz 6498, det. Burkart.
- 56705** RGS, Vila Oliva p. Caxias, NEH, in dumosis, 8.2.1955, fl.
- 56794** RGS, ibidem, 8.2.1955, fl.
- 57883** RGS, Pestana p. Ijuí, NWH, in incultis, 18.1.1954, fl., leg. J. Pivetta 1060.
- 59928** RGS, Farroupilha, NEH, in dumosis ad viam, 16.4.1957, fl., leg. O. Camargo 1326.
- 60005** RGS, ibidem, 15.2.1957, fl., leg. O. Camargo 1144.
- 60963** RGS, ibidem, 18.5.1957, fr. submaturo, leg. O. Camargo 1473.
- 63697** RGS, ibidem, 30.4.1958, fl., fr., leg. O. Camargo.

Habit: Small shrub, weakly lignified, up to 1 m high.

Habitat: Apparently always on disturbed soil.

Distribution in RGS: Through the whole of the cultivated area.

General distribution: From Minas Gerais to Paraguay, northern Argentina and RGS.

Cassia racemosa Mill.,

Dict. ed. 8 (1768) n. 19; Benthon, FB 15,2 (1870) 126.

- 36184** RGS, Cambará p. S. Francisco de Paula, NEH, in silvula rupestri, 2.1948, fl., fr. juvenili.
- 45334** RGS, Serra da Rocinha p. Bom Jesus, NEH, in silvula campestri, 18.1.1950, fl.
- 48334** SC, Riosinho p. Bom Retiro, in silvula rupestri, 24.2.1948, fl., leg. R. Reitz 3483.
- 55224** SC, Brusque, in silva, 8.1.1953, fl., leg. R. Reitz 6453, det. Burkart.

Habit: Shrub, up to 5 m high.

Habitat: Rocky, half high woodlets.

Distribution in RGS: Easternmost rim of the Highlands only.

General distribution: From Amazonia to RGS.

Cassia repens Vog.,

Syst. Cass. () 60; Bentham, FB 15,2 (1870) 171; Herter, Flor. Urug. (1930) 68; Malme, Ark. f. Bot. 23A, n. 13 (1931) 16; Bornmüller, Rev. Sud. Bot. 1 (1934) 141; Burkart, Leg. Arg. (1952) 167; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 121 et passim.

- 143** RGS, Vila Manresa, p. P. Alegre, NEL, in campestribus siccis graminosis, 13.11.1932, fl.
- 3167** SC, Florianópolis, in graminosis, 6.1938, fl.
- 7391** RGS, S. Leopoldo, NEL, in campestribus siccis subdumosis, 1907, fl., leg. F. Theissen SJ.
- 9327** RGS, Jarí, p. Tupanciretan, NWH, in campestribus, 26.1.1942, fl.
- 10041** RGS, Ijuisinho p. Tupanciretan, NWH, in siccis graminosis, 30.1.1942, fl.
- 10129 RGS, ibidem, 30.1.1942, fl.
- 11697** RGS, Vila Manresa p. P. Alegre, NEL, in siccis graminosis, 1943, fl.
- 11712** RGS, P. Alegre, NEL, in campestribus siccis graminosis, 1943, fl., leg. K. Emrich.
- 25017** RGS, S. Leopoldo, NEL, in graminosis, 1907, fl., fr. submaturo, leg. F. Theissen SJ.
- 25516** RGS, Cruz Alta, NWH, in siccis graminosis, 1.1944, fl., leg. C. A. Verissimo.
- 26276** RGS, Fazenda do Jaraú p. Quaraí, SW, in campestribus siccis dumosis, 1.1945, fl., fr. semievoluto.
- 26523** RGS, Parecí p. Montenegro, NEL, in campestribus graminosis, 1944, fl., leg. E. Henz SJ.
- 26956** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 10.1944, fl.
- 29574** RGS, Parecí p. Montenegro, NEL, in campestribus siccis dumosis, 3.10.1945, fl., leg. E. Henz SJ.
- 34476** RGS, Cérro Largo p. S. Luiz, NWH, in campestribus siccis graminosis, 6.12.1946, fl., leg. Irm. Augusto.
- 38047** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus alte graminosis, 17.11.1948, fl.
- 38611** RGS, ad montem das Cabras p. S. Leopoldo, NEL, in siccis arenosis graminosis, 7.12.1948, fl.
- 38698** RGS, Rio dos Sinos p. S. Leopoldo, NEL, in campestribus siccis graminosis, 10.12.1948, fl.
- 38798** RGS, Conceição p. Caí, NEL, in siccis dense graminosis, 14.12.1948, fl.
- 39152** RGS, Espírito Santo p. P. Alegre, NEL, in campestribus siccis saxosis graminosis, 24.12.1948, fl.
- 48455** RGS, Pôrto Pereira p. Montenegro, NEL, in arenosis graminosis, 18.11.1945, fl., leg. A. Sehnem 1647.
- 50560** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis subdumosis, 3.2.1950, fl., leg. A. Sehnem SJ 4417.

- 51945** RGS, Palmeira, NWH, in campestribus graminosis, 30.1.1952, fl.
- 52919** RGS, Fortaleza p. Montenegro, NEL, in campestribus siccis graminosis, 15.12.1952 fl.
- 53040** RGS, Sto. Angelo. NWH, in campestribus siccis graminosis, 17. 11.1952, fl.
- 53438** RGS, Caaró p. S. Luiz, NWH, in siccis graminosis, 24.11.1952, fl.
- 57499** RGS, Estação de Silvicultura p. Sta. Maria, CL, in campestribus graminosis, 15.11.1955, fl., leg. O. Camargo 25
- 57880** RGS, Tupanciretan, NWH, in campestribus, 26.1.1954, fl., leg. J. Pivetta 1064.
- 61495** RGS, Taquarí, CL, in siccis graminosis, 14.12.1957, fl., fr. sub-maturo, leg. O. Camargo 2959.
- 61586** RGS, ibidem, in campestribus, 8.12.1957, fl., leg. O. Camargo 2706.
- 61688** RGS, P. Alegre, NEL, in graminosis, 19.11.1957, fl., leg. O. Camargo 2594.
- 61704** RGS, Taquarí, CL, in campestribus, 10.12.1957, fl., leg. O. Camargo 2869.
- 62845** RGS, P. Alegre, NEL, in campestribus siccis graminosis, 24.12. 1957, fl., leg. O. Camargo 3075.

Habit: Small shrub, branched from the base, branches prostrate to ascending, up to 50 cm long.

Habitat: Dry, sandy or stony, more or less grassy or bare places.

Distribution in RGS: Through the whole of the Campos area, except for the northeastern Highlands.

General distribution: From Minas Gerais and Paraguay to Argentine Mesopotamia, RGS and Uruguay.

Cassia rotundifolia Pers.

Syn. Plant. 1 (1805) 456; Bentham, FB 15,2 (1870) 161; Herter, Flor. Urug. (1930) 68; Burkart, Leg. Arg. (1952) 167; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 121 et passim.

3448 Minas Gerais, Uberaba, in aerodromo, 16.1.1940, fl., fr. sub-maturo.

26142 RGS, Fazenda do Jarau p. Quaraí, SW, in campestribus siccis graminosis, 1.1945, fl., fr.

26147 RGS, ibidem, 1.1945, fl.

63171 RGS, Uruguaiana, SW, in campestribus siccis graminosis, 1957, fl., fr., leg. A. Spies.

Habit: Very small shrub, branched from a rootstock, branches 10–20 cm long.

Habitat: Dry, grassy Campo.

Distribution in RGS: Southwestern plains only.

General distribution: From Central America and the West Indies down to RGS and Uruguay.

GLEDITSCHIA L.

Gleditschia amorphoides (Gris.) Taub.,

NP 3,3 (1894) 169; Herter, Flor. Urug. (1930) 69; Malme, Ark. f. Bot. 23A, n. 13 (1831) 16; Burkart, Leg. Arg. (1952) 185; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 111 et passim. — Garugandra amorphoides Gris., Gött. Abh. 24 (1879) 96.

26140 RGS, Fazenda do Jarau p. Quaraí, SW, in silva riparia, 1.1945, fr.

49970 RGS, Palmeira, NWH, in araucarieto, 12.2.1951, ster.

53483 Paraná, Laranjeiras, in silva, 9.1.1953, ster.

57884 RGS, Pestana p. Ijuí, NWH, in silva, 22.11.1953, fr. semievoluto, leg. J. Pivetta 1058.

57885 RGS, ibidem, in silva, 5.11.1953, fl., leg. J. Pivetta 1057.

60682 RGS, Livramento, SW, in silva riparia, 1956, fr., leg.?

Habit: Small to medium tree, up to 15 m high.

Habitat: Preferably at the banks of rivers and streams.

Distribution in RGS: Western rain forest area and Campos woodlets only.

General distribution: Northern and Central Argentina, RGS, Uruguay.

HOLOCALYX Micheli.

Holocalyx balansae Micheli,

Mém. Soc. Phys. Genève. 28 (1883) n. 7,41; Taubert, NP 3,3 (1894) 184; Malme, Ark. f. Bot. 23A, n. 13 (1931) 17; Burk., Leg. Arg. (1952) 188; Rambo, An. Bot. Herb. Rodr. 5 (1953) 130 et passim.

10986 RGS, Cérro Largo p. S. Luiz, NWH, in silva pluviali, 1.1943, ster., leg. P. Buck SJ.

11039 RGS, Ijuí, NWH, in silva pluviali, 13.2.1942, ster., leg. H. Hoffmann.

47448 RGS, Campinas p. Sta. Rosa, NWH, in silva, 2.1947, ster., leg. A. Spies.

48096 RGS, Cérro Largo p. S. Luiz, NWH, in silva pluviali, 28.12.1948, ster., leg. A. Sehnem SJ 3594.

49862 SC, Itapiranga ad fl. Uruguay superius, in silva pluviali, 6.2.1951, juvenilis.

53103 RGS, Cérro Largo, p. S. Luiz, NWH, in silva pluvial, 20.11.1952, ster.

53537 Paraná, Cascavel, in silva pluviali, 10.1.1953, ster.

53622 Paraná, Salto. Iguassú, in silva pluviali, 11.1.1953, ster.

57832 RGS, Pestana p. Ijuí, NWH, in silva, 25.8.1953, fl. nondum evoluto, leg. J. Pivetta 853.

Habit: Tall hardwood in the interior of the Upper Uruguay rain forest.

Habitat: Rain forest.

Distribution in RGS: Rain forest belt along the northwestern bend of the Uruguay River.

PARKINSONIA L.

Parkinsonia aculeata L.,

Hort. Cliff. (1737) 147, tab. 13; Benth., FB 15,2 (1870) 78, tab. 26; Herter, Flor. Urug. (1930) 69; Malme, Ark. f. Bot. 23A, n. 13 (1931) 16; Burkart, Leg. Argent. (1952) 181; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 121.

780 RGS, Menino Deus p. P. Alegre, in campestribus siccis dumosis, 13.11.1943, fl; an aufuga?

4000 Uruguay, Cuñapirú p. Rivera, in campestribus siccis dumosis, 12.1.1941, ster.

10969 RGS, Sta. Maria, CL, in campestribus siccis dumosis, 1943, fl., leg. A. Heidler SJ.

52480 RGS, Fazenda do Jarau p. Quaraí, SW, in campestribus siccis apertis, 1.1945, fr. submaturo.

56263 RGS, Minas do Leão, CL, in campestribus, 13.12.1954, fl.

60346 RGS, Estação de Silvicultura p. Sta. Maria, CL, in campestribus siccis, fl., leg. O. Camargo 542.

Habit: Shrub, up to 5 m high.

Habitat: Dry, more or less open Campos where it often forms pure stands.

Distribution in RGS: Southwestern plains until central Lowlands.

General distribution: From Mexico to B. Aires, Uruguay and western RGS.

PELTOPHORUM Vog.

Peltophorum dubium (Spreng.) Taub.,

NP 3,3 (1892) 176; Burkart, Leg. Arg. (1952) 179; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 121. — *Peltophorum vogelianum* Benth., FB 15,2 (1870) 62, tab. 20. — *Caesalpinia dubia* Spreng., Syst. Veg. 2 (1825) 343.

2213 RGS, Estreito p. Marcelino Ramos, NWU, in silva pluviali, 11.1.1937, fl., leg. C. Orth SJ.

- 10978** RGS, ibidem, 1.1943, fl., leg. E. Friderichs SJ.
28946 RGS, ad fl. Uruguay superius, NWU, in silva, 5.1945, fr., leg.?
47315 RGS, Campinas p. Sta. Rosa, NWH, in silva, 2.1947, fr. semievoluto, leg. A. Spies.
55563 SC, Itapiranga ad fl. Uruguay superius, in silva pluviali, 3.2.1951, fl., leg. R. Reitz 5566, det. Burkart.
58620 RGS, Estação de Silvicultura p. Sta. Maria, CL, culta, 14.1.1956, ster., leg. O. Camargo 13.

Habit: One of the tallest rain forest trees in South Brazil.

Habitat: Interior of the mature rain forest.

Distribution in RGs: Rain forest belt in the bend of the Upper Uruguay River down to the Republic of Uruguay.

General distribution: From Pernambuco down to northern Argentina and northwestern RGs.

SCHIZOLOBIUM Vog.

Schizolobium parahybum (Vell.) Blake,

Contrib. USA Nat. Herb. 20 (1919) 240; Burkart, Leg. Arg. (1952) 184. — *Schizolobium excelsum* Vog., Linnaea 11 (1837) 399; Bentham, FB 15,2 (1870) 74, tab. 24; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 130 et passim.

- 137** RGS, Vila Manresa p. P. Alegre, NEL, culta, 5.11.1933, fl.
29304 RGS, ibidem, culta, 16.10.1945, fl.
50738 SC, Brusque, in silva pluviali, 22.8.1947, fr., leg. R. Reitz 1822, det. Burkart.
51138 Paraná, Rio Ribeira p. Cêrro Azul, in silva, 2.10.1949, fl., leg. G. Hatschbach, 1511, det. Burkart.
52761 RGS, P. Alegre, NEL, culta, 10.11.1952, fl., leg. K. Emrich.
58249 SC, Brusque, in silva, 8.11.1949, fl., leg. R. Reitz 4644, det. Burkart.
58774 RGS, Estação de Silvicultura p. Sta. Maria, CL, culta, 1.3.1956, ster., leg. O. Camargo 114.

Habit: One of the tallest trees in the coastal rain forest.

Habitat: Interior of the mature rain forest.

Distribution in RGs: Although not yet collected in a wild state, the species occurs near the northeastern coast; frequently cultivated.

General distribution: From Rio de Janeiro to RGs.

ZOLLERNIA Mart.

Zollernia ilicifolia Vog.,

Linnaea 11 (1837) 166; Bentham, FB 15,2 (1870) 10, tab. 4.

- 3261** SC, Florianópolis, in silva arenosa, 6.1938, ster.
31603 SC, Sombrio p. Araranguá, in silvula sabulosa, 7.2.1946, fr.
55522 SC, Brusque, in secundariis, 20.10.1949, fl., leg. R. Reitz 4948, det. Burkart.
58248 SC, ibidem, 20.10.1949, fl., leg. R. Reitz 4547, det. Burkart.
58250 SC, ibidem, 20.12.1950, fr., leg. R. Reitz 4548, det. Burkart.
58251 SC, ibidem, 30.12.1949, fr., leg. R. Reitz 4552, det. Burkart.

Habit: Small tree.

Habitat: Woodlets near the sea coast, secondary growth.

Distribution in RGS: To be found near the northeastern sea coast.

General distribution: From Rio de Janeiro to RGS.

PAPILIONATAE

ADESMIA DC.

Adesmia araujoi Burk.,

Darwiniana 3 (1939) 130, fig. 2, tab. 1; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 110 et passim.

3148 RGS, Posto de Zootecnia p. Tupanciretan, NWH, in campestribus graminosis, 11.1938, fl., fr. semievoluta, leg. A. A. de Araujo, det. Burkart.

63853 RGS, Passo Fundo, CH, in campestribus graminosis, 9.1949, fl., fr., misit Sacco 43.

Habit: Weakly lignified, prostrate, branches up to 50 cm long.

Habitat: Dry, open grassy Campos.

Distribution in RGS: Northwestern Highland Campos only.

General distribution: So far, northwestern RGS only.

Adesmia bicolor (Poir.) DC.,

Ann. Sci. Nat. 4 (1825) 95; Bentham, FB 15,1 (1859) 53; Herter, Flor. Urug. (1930) 69; Malme, Ark. f. Bot. 23A, n. 13 (1931) 23; Burkart, Darwiniana 3 (1959) 306; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 110 et passim.

4038 Uruguay, Tres Fornos p. Rivera, in subpaludosis dumosis, 21.1.1941, fl., fr. submature.

Habit: More or less herbaceous, weak, leaning to the surrounding vegetation.

Habitat: Wet places.

Distribution in RGS: Findplace 10 km from the southwestern frontier.

General distribution: Central Argentina, Uruguay, RGS.

Adesmia ciliata Vog.,

Linnaea 12 (1838) '79; Benth., FB 15,1 (1859) 55; Burkart, Darwiniana 3 (1939) 311; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 110 et passim.

8605 RGS, Serra da Rocinha p. Bom Jesus, NEH, in campestribus humidis turfosis, 14.1.1942, fl.

32464 RGS, ibidem, 28.2.1946, ster.

60117 SC, Campo dos Padres p. Bom Retiro, in humidis, 22.1.1957, fl.

64334 SC, Mantiqueira p. S. Joaquim, in campestribus, 1.2.1958, ster.; leg. J. Mattos.

Habit: Small, half herbaceous, branches prostrate to ascending, up to 40 cm long.

Habitat: Wet to swampy places.

Distribution in RGS: Northeasternmost Highlands only.

General distribution: Northern Argentina, South Brazil.

Adesmia latifolia (Spreng.) Vog.,

Linnaea 12 (1838) 74; Bentham, FB 15,1 (1859) 53; Herter, Flor. Urug. (1930) 69; Malme, Ark. f. Bot. 23A, n. 13 (1931) 23; Burkart, Darwiniana 3 (1939) 321; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 111 et passim. — Aeschynomene latifolia Spreng., Veg. 3 (1826) 322.

4042 Uruguay, Tres Fornos p. Rivera, in paludosis alte dumosis, 12.1.1941, fl., fr. submaturo.

30927 RGS, Vila Oliva p. Caxias, NEH, in paludosis alte dumosis, 2.1.1946, fl., fr. submaturo.

35044 RGS, Fazenda da Ronda p. Vacaria, NEH, in paludosis alte dumosis, 11.1.1947, ster.

36198 RGS, Cambará p. S. Francisco de Paula, NEH, in paludosis dumosis, 2.1948, fl.

47288 RGS, Tramandaí, NEC, in arenosis humidis dumosis, 3.1949, fl., fr. maturo, leg. W. Rüdiger.

61722 RGS, Farroupilha, NEH, in humidis dumosis, 18.11.1957, fl., fr., leg. O. Camargo 2566.

Habit: Prostrate, branches up to 1,5 m and more long.

Habitat: Densely vegetated swamps.

Distribution in RGS: Apparently through the whole of the Campos area, but rare.

General distribution: From Patagonia to the northeastern Highlands of RGS.

Adesmia macrostachya Benth.,

FB 15,1 (1859) 55; Burkart, Darwiniana 3 (1939) 323; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 110 et passim.

35042 RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus dumosis, 11.1.1947, fl.

54475 RGS, Taimbesinho p. S. Francisco de Paula, NEH, in campestribus graminosis, 13.11.1953, fl., fr.

55934 RGS, ibidem, 3.11.1954, fl., fr.

64322 SC, S. Joaquim, in campestribus, 30.1.1958, fr., leg. J. Mattos.

Habit: Vigorous, abundantly branched, branches up to 50 cm and more.

Habitat: Wet, peaty, grassy Campos.

Distribution in RGS: Northeastern Highlands only.

General distribution: Northern and northeastern Argentina to RGS.

Adesmia muricata (Jacq.) DC.,

Ann. Sci. Nat. Paris 4 (1824) 95; Bentham, FB 15,1 (1859) 54, tab. 11, fig. 2,3; Herter, Flor. Urug. (1930) 69; Malme, Ark. f. Bot. 23A, n. 13. (1931) 23; Burkart, Darwiniana 3 (1939) 325; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 110. — *Hedysarum muricatum* Jacq., Ic. Plant. Rar. 3 (1790) 13, tab. 568.

35585 Uruguay, Cerro Colorado p. Florida, in arenosis, 3.10.1948, fl., leg. Rosengurtt PE-5059, det. Burkart.

63530 RGS, Torres, NEC, prope litus in arenosis, 14.4.1949, fl., leg. P. Capparelli.

Habit: Small, herbaceous, 10–30 cm high.

Habitat: Wet, sandy, more or less bare places.

Distribution in RGS: So far, sea coast only.

General distribution: From Chile and Patagonia to Uruguay and RGS.

Adesmia psoralioides Vog.,

Linnaea 12 (1838) 80; Bentham, FB 15,1 (1859) 55; Malme, Ark f. Bot. 23A, n. 13 (1931) 23; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 110 et passim.

9128 RGS, Jaí p. Tupanciretan, NWH, in campestribus siccis dumosis, 25.1.1942, fl.

9436 RGS, ibidem, 27.1.1942, fl.

55519 SC, Cambajuva p. S. Joaquim, in campestribus, 29.1.1950, fl., leg. R. Reitz 5184, det. Burkart.

Habit: Vigorous, ascending to upright, up to 50 cm high.

Habitat: More or less dry, open Campos.

Distribution in RGS: Northeastern Highlands, rare.

General distribution: From S. Paulo to RGS.

Adesmia punctata (Poir.) DC.,

Ann. Sci. Nat. 4 (1825) 95; Bentham, FB 15,2 (1859) 54; Herter, Flor.

Urug. (1930) 69; Malme, Ark. f. Bot. 23A, n. 13 (1931) 23; Burkart, Darwiniana 3 (1939) 332; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 110 et passim. — Hedysarum punctatum Poir., Lam. Enc. méth. Bot. 6 (1804) 447.

45367 RGS, Serra da Rocinha p. Bom Jesus, NEH, in rupestribus dumosis, 18.1.1950, fl., fr. matur.

53821 RGS, ibidem, 3.2.1953, fl., fr.

65333 SC, S. Joaquim, in campestribus, 2.2.1958, fl., leg. J. Mattos.

Habit: Vigorous, abundantly branched, branches prostrate to ascending, up to 75 cm long.

Habitat: Wef to swampy Campo with rocky outcrops.

Distribution in RGS: Northeasternmost Highlands only.

General distribution: From Central Argentina to Uruguay and RGS.

Adesmia tristis Vog.,

Linnaea 12 (1838) 77; Bentham, FB 15,1 (1859) 56; Malme, Ark. f. Bot. 23A, n. 13 (1931) 23; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 110 et passim.

1916 RGS, Bom Jesus, NEH, in campestribus humidis dumosis, 25.5.1935, leg. J. Dutra.

4259 RGS, Cambará p. S. Francisco de Paula, NEH, in paludosis alte dumosis, 6.2.1941, fl., fr.

4306 RGS, Taimbesinho p. S. Francisco de Paula, NEH, in paludosis alte dumosis, 7.2.1941, fl., fr.

4491 RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in paludosis dumosis, 8.2.1941, fl.

4529 RGS, ibidem, 8.2.1941, fl.

4771 RGS, Rio Guira p. S. Francisco de Paula, NEH, in paludosis alte dumosis, 10.2.1941, fl., fr.

8812 RGS, Bom Jesus, NEH, in subpaludosis dumosis, 15.1.1942, fl., fr.

9325 RGS, Jarí p. Tupanciretan, NWH, in humidis dumosis, 26.1.1942, fl., fr.

9837 RGS, Tupanciretan, NWH, in paludosis dumosis, 29.1.1942, fl., fr.

11044 RGS, Lagoa Vermelha, NEH, in paludosis dumosis, 1.1943, fl., fr., leg. E. Friderichs SJ.

11566 RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in subhumidis dumosis, 1.1944, fl., leg. P. Buck SJ.

28057 RGS, Vila Oliva p. Caxias, NEH, in paludosis alte dumosis, 2.1945, fl., fr., leg. P. Buck SJ.

30757 RGS, ibidem, 29.1.1946, fl., fr.

35041 RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus subsiccis dumosis, 11.1.1947, fl., fr.

36193 RGS, Cambará p. S. Francisco de Paula, NEH, in paludosis alte dumosis, 2.1948, fl., fr.

- 44674** RGS, Vila Oliva p. Caxias, NEH, in paludosis alte dumosis, 3.12.1949, fl.
- 49344** RGS, Taimbésinho p. S. Francisco de Paula, NEH, in paludosis dumosis, 18.12.1950, fl., fr.
- 49533** SC, Lages, in paludosis alte dumosis, 10.1.1951, fl., fr.
- 50969** SC, ibidem, 10.1.1951, fl., fr., leg. A. Sehnem SJ 5450.
- 51689** RGS, Passo do Socorro p. Vacaria, NEH, in paludosis dumosis, 28.12.1951, fl., fr.
- 52085** RGS, Jaquirana p. S. Francisco de Paula, NEH, in paludosis alte dumosis, 20.2.1952, fl., fr.
- 53360** RGS, Caaró p. S. Luiz, NWH, in paludosis dumosis, 24.11.1952, fl., fr.
- 54759** RGS, Fazenda Englert p. S. Francisco de Paula, in campestribus subpaludosis graminosis, 1.1.1954, fl., fr.
- 54871** RGS, Vila Oliva p. Caxias, NEH, in campestribus alte dumosis, 24.2.1954, fl., fr.
- 55200** SC, Capetinga p. Chapecó, in campestribus humidis, 24.1.1952, fl., fr., leg. R. Reitz 6419, det. Burkart.
- 56370** RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in dumosis subhumidis, 2.1.1955, fl., fr.
- 56629** RGS, Vila Oliva p. Caxias, NEH, in subpaludosis dense dumosis, 8.2.1955, fl., fr.
- 62875** RGS, Lageadinho p. Bom Jesus, NEH, in paludosis, 20.1.1958, fl., fr., leg. O. Camargo 3144.

Habit: Erect, slender, weakly lignified, up to 1 m high.

Habitat: Swampy, densely vegetated places.

Distribution in RGS: Northern Highlands only, especially in the Northeast. *

General distribution: South Brazil to RGS.

AESCHYNOMENE L.

Aeschynomene brasiliiana (Poir.) DC.,

Prodr. 2 (1825) 322; Bentham, FB 15,1 (1859) 68; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 110 et passim; Rudd, Contrib. Nat. Herb. 32,1 (1955) 76. — *Hedysarum brasiliianum* Poir., Dict. 6 (1804) 448.

59073 RGS, Pestana p. Ijuí, NWH, in campestribus siccis graminosis, 19.2.1954, fl., leg. J. Pivetta 1044.

59227 RGS, ad montem Sapucaia p. S. Leopoldo, NEL, in sabulosis siccis dumosis, 3.2.1956, fl., fr.

Habit: Erect, slender, weakly lignified, leaning to the surrounding vegetation, up to 75 cm high.

Habitat: Dry, shrubby Campos.

Distribution in RGS: Rare, widely scattered.

General distribution: From Mexico to RGS.

Aeschynomene denticulata Rudd,

Contrib. Nat. Herb. 32,1 (1955) 69.

- 38338** RGS, Esteio p. S. Leopoldo, NEL, in subpaludosis dumosis, 24. 11.1948, fl., fr. submaturo.
40613 RGS, ibidem, 23.3.1949, fl., fr. submaturo.
40989 RGS, ad fl. Gravataí inferius, NEL, in subpaludosis dumosis, 10.4.1949, fr. maturo.
41392 RGS, Morretes p. P. Alegre, NEL, in subpaludosis dumosis, 2.5.1949, fr. maturo.

Habitat: Suffruticose, up to 2 m high.

Habitat: Edge of swamps; bare gravelly soil near rivers.

Distribution in RGS: Above cited findplaces near the findplace of Malme; NEL only.

General distribution: From Paraguay and northern Argentina to Argentine Mesopotamia and RGS.

Aeschynomene elegans Cham. et Schl.,

Linnaea 5 (1830) 583; Rudd, Contr. Nat. Herb. 32,1 (1955) 85. — *A. falcata* Vog., var. *plurijuga* Benth, FB 15,1 (1859) 68.

- 1286** RGS, S. Leopoldo, NEL, in campestribus siccis, 25.5.1935, fl., leg. J. Dutra.
8963 RGS, Bom Jesus, NEH, in campestribus siccis graminosis, 15. 1.1942, fl.
8971 RGS, Bom Jesus, NEH, in campestribus siccis graminosis, 16. 1.1942, fl., fr. semievoluto.
9091 RGS, Jarí p. Tupanciretán, NWH, in campestribus siccis dumosis, 25.1.1942, fl., fr. maturo.
9228 RGS, ibidem, 26.1.1942, fl., fr.
9447 RGS, ibidem, 27.1.1942, fl., fr.
28492 RGS, Nonoai ad fl. Uruguay superius, NWU, in campestribus siccis, 3.1945, fl.
35049 RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus siccis sparse dumosis, 11.1.1947, fl.
51391 RGS, Passo do Socorro p. Vacaria, NEH, in campestribus graminosis, 26.12.1952, fl., fr.
54872 RGS, Vila Oliva p. Caxias, NEH, in campestribus siccis dense graminosis, 24.2.1954, fl., fr.
61364 RGS, Pestana p. Ijuí, NWH, in campestribus graminosis, 7.2. 1956, fl., leg. J. Pivetta 1141.

Habitat: Vigorous, abundantly branched, branches prostrate to ascending, up to 75 cm high.

Habitat: Dry, more or less shrubby Campo, leaning to the surrounding vegetation.

Distribution in RGS: Highland Campos only, especially in the northeastern sector.

General distribution: From Central America to RGS.

Aeschynomene falcata (Poir.) DC.,

Prodr. 2 (1825) 322; Bentham, FB 15,1 (1859) 67; Malme, Ark. f. Bot. 23A, n. 13 (1931) 22; Burkart, Leg. Arg. (1952) 291; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 122 et passim; Rudd, Contrib. Nat. Herb. 32,1 (1955) 88. — *Hedysarum falcatum* Poir., Encycl. méth. 6 (1804) 448.

1380 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 12.10.1933, fl., fr. semievoluta.

1923 RGS, S. Leopoldo, NEL, in arenosis graminosis, 5.6.1935, ster.

7330 RGS, ibidem, 1907, fl., fr. semievoluta, leg. F. Theissen SJ.

25058 RGS, ibidem, 1943, fl., fr., semievoluta, leg. A. Reckziegel.

25063 RGS, ibidem, 1943, fl., fr., leg. A. Reckziegel.

25318 RGS, ibidem, 1907, fr. submaturo, leg. F. Theissen SJ.

29225 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 3.10.1945, fl.

30144 RGS, Montserrat p. P. Alegre, NEL, in campestribus siccis graminosis, 10.11.1945, fl., fr., submaturo, leg. K. Emrich.

30764 RGS, Vila Oliva p. Caxias, NEH, in campestribus siccis graminosis, 29.1.1946, fl., fr. juvenili.

35024 RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus siccis graminosis, 11.1.1947, fl., fr. submaturo.

35534 RGS, S. Leopoldo, NEL, in campestribus siccis dumosis, 6.11.1946, fl., fr. semievoluta, leg. E. Henz SJ.

38706 RGS, Rio dos Sinos p. S. Leopoldo, NEL, in campestribus siccis dense graminosis, 10.12.1948, fl., fr. semievoluta.

38795 RGS, Conceição p. Caí, NEL, in arenosis graminosis, 14.12.1948, fl., fr. semievoluta.

39445 RGS, Teresópolis p. P. Alegre, NEL, in siccis graminosis, 4.1.1949, fl.

46133 RGS, Fazenda do Arroio p. Osório, NEC, in campestribus arenosis, 6.3.1950, fl., fr.

46876 RGS, Viamão p. P. Alegre, NEL, in arenosis dumosis, 17.4.1950, fl., fr.

55206 SC, Capetinga p. Chapecó, in campestribus siccis graminosis, 24.1.1952, fl., fr., leg. R. Reitz 6425, det. Burkart.

55231 SC, Mafra, in campestribus, 26.1.1953, fl., fr., leg. R. Reitz 6494, det. Burkart.

56733 RGS, Vila Oliva p. Caxias, NEH, in campestribus graminosis siccis, 8.2.1955, fl., fr.

58597 RGS, Estação de Silvicultura p. Sta. Maria, CL, in campestribus graminosis, 10.1.1956, fr., leg. O. Camargo 36.

58783 RGS, ibidem, 3.2.1956, fl., fr., leg. O. Camargo 240.

59072 RGS, Pestana p. Ijuí, NWH, in campestribus, 19.2.1954, fl., leg. J. Pivetta 1043.

61337 RGS, ibidem, 7.2.1956, fl., leg. J. Pivetta 1170.

63648 RGS, P. Alegre, NEL, in campestribus siccis, 8.3.1957, fl., fr., leg. O. Camargo.

64318 SC, Lages, in campestribus, 18.2.1958, fr., leg. J. Mattos.

Habit: Prostrate to ascending, abundantly branched, branches up to 30 cm long.

Habitat: Dry, grassy Campos.

Distribution in RGS: Apparently through the whole of the Campos area.

General distribution: From Mexico to Central Argentina, Uruguay and RGS.

Aeschynomene hystrix Poir.,

Dict. méthod. Suppl. 4 (1816) 77; Bentham, FB 15,1 (1959) 69, tab. 15; Herter, Flor. Urug. (1930) 69; Malme, Ark. f. Bot. 23A, n. 13 (1931) 22; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 122 et passim; Rudd, Contrib. Nat. Mus. 32,1 (1955) 81.

9995 RGS, Ijuisinho p. Tupanciretan, NWH, in campestribus siccis dumosis, 30.1.1942, fl., fr.

26058 RGS, Fazenda do Jarau p. Quaraí, SW, in campestribus siccis dumosis, 1.1945, fl.

Habit: More or less erect, abundantly branched from a rootstock, branches up to 40 cm high.

Habitat: Dry, stony, grassy Campos.

Distribution in RGS: Western Campos area only.

General distribution: From Central America down to Paraguay, South Brazil and Uruguay.

Aeschynomene rufis Benth.,

Plant. Hartweg. (1843) 116; Burkart, Leg. Arg. (1952) 291; Rudd, Contrib. Nat. Herb. 32,1 (1955) 63. — A. hispidula H. B. K., Nov. Gen. Spec. 6 (1843) 531; Bentham, FB 15,1 (1859) 59; Malme, Ark. f. Bot. 23A, n. 13 (1931) 22; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 122 et passim.

25838 RGS, Fazenda Sta. Cecília p. S. Gabriel, SW, in subpaludosis dumosis, 1.1944, fl., fr. submaturo.

Habit: Suffruticose, 50 cm high.

Habitat: Swampy thickets.

Distribution in RGS: One only findplace in the southwestern plains; Malme II. 679 (P. Alegre) probably is A. denticulata Rudd.

General distribution: Southern USA to Central Argentina and RGS.

Aeschynomene selloi Vog.,

Linnaea 12 (1838) 82; Bentham, FB 15,1 (1859) 58, tab. 9; Rudd, Contrib. Nat. Herb. 32,1 (1955) 48.

45855 RGS, Lagoa dos Quadros p. Torres, NEC, in paludosis alte dumosis, 21.2.1950, fr. submaturo.

46486 RGS, Lagoa da Pinguela p. Osório, NEC, in paludosis dumosis, 27.3.1950, fl., fr. submature.

49693 RGS, Lagoa dos Quadros p. Osório, NEC, in paludosis dumosis, 18.1.1951, fl., fr. submature.

51104 RGS, ibidem, ad lacum in dumosis, 19.1.1951, fr. mature.

Habit: Shrub, weakly lignified, 3 m high.

Habitat: Swampy thickets.

Distribution in RGS: Northeastern coast only.

General distribution: From Rio de Janeiro down to RGS.

Aeschynomene sensitiva Swartz,

Nov. Gen. et Spec. (1788) 107; Bentham, FB 15,1 (1859) 58; Burkart, Darwiniana 3 (1939) 148, fig. 5 e; Rudd, Contrib. Nat. Herb. 32,1 (1955) 50.

1390 RGS, Maquiné p. Osório, NEC, in paludosis alte dumosis, 2.1.1935, fl.

26449 RGS, Fazenda das Almas p. Palmares, NEC, in paludosis alte dumosis, 1.1945, fr. mature, leg. P. Buck SJ.

31501 SC, Sombrio p. Araranguá, in dumosis humidis, 2.2.1946, fr.

32028 SC, ibidem, 1.1.1945, fr., leg. R. Reitz 911.

40160 RGS, Guaíba p. P. Alegre, NEL, in ripariis, 24.1.1949, fl., fr.

41118 RGS, Ilha da Pintada p. P. Alegre, NEL, in paludosis, 20.4.1949, fr.

41195 RGS, Ilha das Flores p. P. Alegre, NEL, in paludosis, 22.4.1949, fr.

ARACHIS L.

Arachis marginata Gardn.,

Hook. Ic. Plant. (1842) tab. 500; Bentham, FB 15,1 (1859) 87; Herter, Flor. Urug. (1930) 69; Burkart, Darwiniana 3 (1939) 264; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 130 et passim.

3910 RGS, Morro Vigia p. Livramento, SW, in campestribus siccis graminosis, 12.1.1941, fl. subaperto.

9173 RGS, Jarí p. Tupanciretan, NWH, in campestribus siccis graminosis, 26.1.1942, fl.

9613 RGS, Tupanciretan, NWH, in campestribus graminosis, 28.1.1942, fl.

25825 RGS, Fazenda Sta. Cecília p. S. Gabriel, SW, in campestribus siccis graminosis, 1.1944, ster.

- 26031** RGS, Fazenda do Jarau p. Quarai, SW, in campestribus siccis graminosis, 1.1945, ster.
- 34446** RGS, S. Pedro p. Sta. Maria, CL, in campestribus siccis graminosis, 2.1946, ster., leg. M. Frank.
- 53309** RGS, Caaró p. S. Luiz; NWH, in campestribus graminosis, 24.11.1952, fl.
- 63224** RGS, Uruguaiana, SW, in campestribus siccis, 1957, fl., leg. A. Spies.

Habit: Small herb with leathery leaves, 10–20 cm high.

Habitat: Very dry and hard Campos.

Distribution in RGS: Western Campos area only.

General distribution: Argentine Mesopotamia, Uruguay, western RGS.

Arachis prostrata Benth.,

Transact. Linn. Soc. 18 (1841) 159; FB 15,1 (1859) 87; Herter, Flor. Urug. (1930) 69; Burkart, Darwiniana 3 (1939) 265, tab. 20; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 130 et passim.

- 9980** RGS, Ijuisinho p. Tupanciretan, NWH, in rupestribus graminosis 30.1.1942, fl.

Habit: Very similar to, but more vigorous than, the preceding species.

Habitat: Dry, rocky places on Campos.

Distribution in RGS: Northwestern Campos only.

General distribution: Paraguay, Argentine Mesopotamia, Uruguay, RGS.

ATELEIA Moc. et Sessé

Ateleia glazioviana Baill.,

Bull. Soc. Linn. Par. 1 (1881) 306; Malme, Ark. f. Bot. 23A, n. 13 (1931) 17; Burkart, Leg. Arg. (1952) 206; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 131 et passim.

- 3088** RGS, sine loco, sine die, fr.

4667 RGS, Sto. Angelo, NWH, in silva campestri, 18.2.1941, ster.

28568 RGS, Nonoai ad fl. Uruguay, NWU, ad silvam campestrem, 3.1945, ster.

47388 RGS, Campinas p. Sta. Rosa, NWH, ad silvam, 2.1950, fr., leg. A. Spies.

49972 RGS, Palmeira p. fl. Uruguay, NWH, in silva campestri, 12.2.1951, fr.

53060 RGS, Cérro Largo p. S. Luiz, NWH, ad silvam, 20.11.1952, fl.

55228 SC, Chapecó, in silva campestri, 7.2.1951, ster., leg. R. Reitz 6469, det. Burkart.

- 56262** RGS, Rincão del Rei p. Sta. Cruz, CL, in silvula campestris, 13.12.1954, fl.
- 57814** RGS, Ijuí, NWH, in campestribus solitaria, 7.12.1953, fl., leg. J. Pivetta 827.

Habit: Small to medium tree, up to 15 m high.

Habitat: Characteristic park tree near the fringe of the advancing rain-forest, often isolated on the Campos.

Distribution in RGS: Northwestern Campos area only.

General distribution: Paraguay, Misiones, western RGS and SC.

CALOPOGONIUM Desv.

***Calopogonium sericeum* (Benth.) Chod. et Hassl.**

Bull. Herb. Boiss. 2. sér. 4.(1904) 897; Malme, Ark. f. Bot. 23A, n. 13 (1931) 33; Burkart, Leg. Arg. (1952) 413, fig. 125; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 131 et passim. — *Stenolobium coeruleum* Benth. var. *sericeum* Bentham; FB 15,1 (1859) 139, tab. 38.

1913 RGS, Zimmerberg p. Montenegro, NEL, in rupestribus dumosis, 24.4.1935, fr. juvenili.

28487 RGS, Nonoai ad fl. Uruguay, NWU, in campestribus dumosis, 3.1945, ster.

35047 RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus, 11.1.1947, fl.

35562 RGS, Kappesberg p. Montenegro, NES, ad viam ferream in dumosis, 27.12.1946, fl., leg. E. Henz SJ.

38888 RGS, S. Leopoldo, NEL, ad viam ferream, 17.12.1948, fl.

40392 RGS, Morro da Policia p. P. Alegre, NEL, in campestribus alte dumosis, 5.3.1949, fl. nondum aperto.

51575 RGS, Passo do Socorro p. Vacaria, NEH, in campestribus dumosis, 26.12.1951, fl.

51895 RGS, Passo da Guarda p. Bom Jesus, NEH, in campestribus dumosis, 15.1.1952, fl.

58815 RGS, Estação de Silvicultura p. Sta. Maria, CL, in campestribus dumosis, 1.3.1956, fl., leg. O. Camargo 159.

61386 RGS, Pestana p. Ijuí, NWH, in campestribus, 7.2.1956, fl., leg. J. Pivetta 1164.

Habit: Suffruticose, branched from the base, branches erect, up to 50 cm high.

Habitat: Dry, grassy or more or less shrubby Campos.

Distribution in RGS: Through the whole of the northern Campos area.

General distribution: Northeastern Argentina, RGS.

CAMPTOSEMA Hook. et Arn.

Camptosema rubicundum Hook. et Arn.,

Hook. Bot. Misc. 3 (1832) 201; Bentham, FB 15,1 (1859) 156; Herter, Flor. Urug. (1930) 69; Malme, Ark. f. Bot. 23A, n. 13 (1931) 35; Burkart, Leg. Arg. (1952) 400, fig. 119; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 131 et passim.

4109 RGS, Rio Mancarrão p. Quaraí, SW, in dumosis ripariis, 14.1.1941, fl.

4158 RGS, Rio Garopá p. Quaraí, SW, in campestribus dumosis, 14.1.1941, fl.

4179 RGS, ibidem, 14.1.1941, fl.

4184 RGS, Rio Caneleira p. Uruguiana, SW, ad rivum in dumosis, 14.1.1941, fl.

26316 RGS, Fazenda do Jarau p. Quaraí, SW, in ripariis, 1.1945, fl., fr.

47967 RGS, Caaró p. S. Luiz, NWH, ad rivum in dumosis, 19.12.1949, fl., leg. A. Sehnem SJ 3551.

Habit: Low climber.

Habitat: More or less open gallery along streams and rivers.

Distribution in RGS: Southwestern plains only.

General distribution: Argentine Mesopotamia, Uruguay, western RGS.

CANAVALIA Adanson emend. DC.

Canavalia bonariensis Lindl.,

Bot. Reg. 14 (1828) tab. 1199; Bentham, FB 15,1 (1859) 177; Herter, Flor. Urug. (1930) 69; Malme, Ark. f. Bot. 23A, n. 13 (1931) 35; Burkart, Leg. Arg. (1952) 407, fig. 123; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 122 et passim.

1397 RGS, ad montem Steinkopf p. S. Leopoldo, NEL, in silvula campestri, 20.9.1934, fl.

3215 SC, Florianópolis, prope litus in silvula, 27.12.1938, fl., leg. A. Sehnem SJ.

7318 RGS, S. Leopoldo, NEL, in silva campestri, 1907, fr. maturo, leg. F. Theissen SJ.

7392 RGS, ibidem, 1907, fl., leg. F. Theissen SJ.

T1014 RGS, Tannenwald p. S. Leopoldo, NES, in dumosis secundariis, 12.1942, fl.

25084 RGS, S. Leopoldo, NEL, ad silvam, 1907, fl., leg. F. Theissen SJ.

28865 SC, Trindade p. Florianópolis, in silvula, 1.4.1945, fl., leg. A. Rohr SJ.

- 30537** SC, Sombrio p. Araranguá, in secundariis, 10.4.1944, fr., leg. R. Reitz 1264.
- 30849** RGS, Vila Oliva p. Caxias, NEH, ad araucarietum, 31.12.1945, fl.
- 32523** RGS, Pareci p. Montenegro, NEL, in silvula, 22.10.1945, fl.
- 32804** RGS, Vila Manresa p. P. Alegre, NEL, in silvula, 12.12.1945, fl.
- 35612** RGS, Kappesberg p. Montenegro, NES, ad silvam, 25.12.1946, fl., leg. E. Henz SJ.
- 39432** RGS, Lamí p. Itapoan, NEL, ad silvam, 3.1.1949, fl.
- 39703** RGS, Morro das Abertas p. P. Alegre, NEL, fl., fr. submaturo.
- 41773** RGS, Canoas p. P. Alegre, NEL, ad silvulam, 31.5.1949, fl.
- 47841** RGS, Kappesberg p. Montenegro, NES, ad silvam pluviale, 28.10.1949, fl., leg. A. Sehnem SJ 4021.
- 48152** Paraná, Florestal p. Piraquara, ad silvam, 19.12.1948, fl., leg. G. Hatschbach, det. Burkart.
- 48310** SC, Riosinho p. Bom Retiro, ad silvam, 23.12.1948, fl., leg. R. Reitz 3372.
- 49269** RGS, Gravataí p. P. Alegre, NEL, ad silvam 1.12.1950, fl.
- 52203** RGS, Kappesberg p. Montenegro, NES, in secundariis, 11.1951, fl.
- 54383** SC, Rio Tavares p. Florianópolis, ad silvulam, 13.5.1953, fl. leg. R. Reitz 6464, det. Burkart.
- 59069** RGS, Pestana p. Ijuí, NWH, in silvula, 13.10.1953, fl., leg. J. Pivetta 1038.
- 61512** RGS, Farroupilha, NEH, in dumosis, 25.11.1957, fl., leg. O. Camargo 2641.
- 61734** RGS, ibidem, 18.11.1957, fl., leg. O. Camargo 2540.
- 63382** RGS, Pelotas, SEC, ad silvulam, 29.12.1954, fl., leg. J. Sacco 264.

Habit: Medium climber.

Habitat: Edge of rain forest, secondary growth, woodlets and gallery of the Campos area.

Distribution in RGS: All kinds of forest formations.

General distribution: From Paraná to Uruguay, from Misiones to B. Aires.

CENTROSEMA (DC.) Benth.

Centrosema pascuorum Mart.

ap. Benth. Ann. Mus. Vind. 2 (1837) 120; Bentham, FB 15, 1 (1859) 133; Malme, Ark. f. Bot. 23A, n. 13 (1931) 33; Burkart, Darwiniana 3 (1937) 13; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 131 et passim.

371 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis subdumosis, 11.10.1933, fl.

- 25059** RGS, S. Leopoldo, NEL, in campestribus siccis graminosis, 1943, fl., leg. A. Reckziegel.
- 28679** RGS, Espírito Santo p. P. Alegre, NEL, in campestribus siccis graminosis, 30.1.1945, fl.
- 33227** RGS, sine loco, sine die, fl.
- 35839** RGS, Montserrat p. P. Alegre, NEL, in campestribus siccis dumosis, 29.11.1946, fl., leg. K. Emrich.
- 37002** RGS, Morro do Osso p. P. Alegre, NEL, in campestribus siccis dumosis, 9.11.1947, fl., leg. M. Frank.
- 54789** RGS, Torres, NEC, in sabulosis dumosis, 11.2.1954, fl.

Habitat: Low climber, up to 1 m high.

Habitat: Dry, more or less shrubby Campos.

Distribution in RGS: Northeastern Lowlands and sea coast.

General distribution: From Central America to Paraguay and RGS.

***Centrosema virginianum* (L.) Bentham.**

Ann. Mus. Vind. 2 (1837) 120; FB 15,1 (1859) 132; Malme, Ark. f. Bot. 23A, n. 13 (1931) 33; Burkart, Darwiniana 3 (1937) 9; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 131 et passim. — *Clitoria virginiana* L., Spec. Plant. (1753) 1026.

- 3235** SC, Florianópolis, in dumosis, 27.12.1938, fl., leg. A. Schenck SJ.
- 3355** SC, ibidem, in siccis dumosis, 6.1940, fl., fr. semievoluta.
- 6504** SC, ibidem, 12.1940, fl.
- 26844** RGS, Montserrat p. P. Alegre, NEL, in campestribus siccis dumosis scandens, 3.1944, fl., leg. K. Emrich.
- 27001** RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus dumosis, 10.1944, fl.
- 28884** SC, Trindade p. Florianópolis, in dumosis, 24.3.1945, fl.
- 30149** RGS, Vila Luciana p. P. Alegre, NEL, in campestribus dumosis, 14.11.1945, fl., leg. K. Emrich.
- 31770** SC, Sombrio p. Araranguá, in arenosis dumosis, 7.2.1946, fl.
- 35051** RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus dumosis, 11.1.1947, fl.
- 35826** RGS, Espírito Santo p. P. Alegre, NEL, in campestribus siccis graminosis, 30.11.1946, fl., leg. K. Emrich.
- 38053** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus dumosis, 17.11.1948, fl.
- 40495** RGS, ibidem, 14.3.1949, fl., fr. semievoluta.
- 45910** RGS, Lagoa dos Quadros p. Torres, NEC, in dumosis scandens, 21.2.1950, fl., fr. semievoluta.
- 46453** RGS, Lagoa da Pinguela p. Osório, NEC, in dumosis 27.3.1950, fl.
- 51517** RGS, Passo do Socorro p. Vacaria, NEH, in campestribus siccis dumosis, 26.12.1951, fl., fr. juvenili.

54385 SC, Massiambú p. Palhoça, in arenosis dumosis, 19.12.1952, fl., leg. R. Reitz 6462, det. Burkart.

56490 RGS, Torres, NEC, in sabulosis dumosis, 19.1.1955, fl.

Habit: Low climber, up to 1 m high.

Habitat: Dry, more or less shrubby Campos.

Distribution in RGS: As far, eastern Campos area and sea coast only.

General distribution: From southern USA to northern Argentina and RGS.

CHAETOCALYX DC.

***Chaetocalyx nigricans* Burkart,**

Darwiniana 3 (1939) 160 fig. 6a, 7a, tab. 6; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 131 et passim; Rudd, Contrib. Nat. Herb. 32,3 223, fig. 7.

1400 SC, Itapiranga, in silva pluviali, 16.2.1934, fl., fr. submaturo, det. Rudd.

Habit: Medium climber.

Habitat: Interior of the rain forest.

Distribution in RGS: Findplace separated from this State only by the Uruguay River.

General distribution: Misiones, SC.

CLITORIA L.

***Clitoria glycinaoides* DC.,**

Prodri. 2 (1825) 234; Bentham, FB 15,1 (1859) 118; Malme, Ark. f. Bot. 23A, n. 13 (1931) 32 (var. *megapotamica* Malme); Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 122 et passim.

367 RGS, S. Leopoldo, NEL, in dumosis scandens, 5.5.1935, fl., leg. J. Dutra.

7343 RGS, ibidem, 1907, fr. juvenili, leg. F. Theissen SJ.

35574 RGS, ibidem, 28.1.1947, fl., leg. E. Henz SJ.

38877 RGS, ibidem, 17.12.1948, fl., fr. juvenili.

45108 RGS, Fazenda do Arroio p. Osório, NEC, in silvula arenosa scandens, 4.1.1950, fl., fr. semievoluto.

63580 RGS, ibidem, 23.1.1958, fl.

Habit: Low climber, up to 2 m high.

Habitat: Dry, shrubby Campo.

Distribution in RGS: Central Highlands, northeastern Lowlands and sea coast.

General distribution: From Central America and the West Indies to RGS.

Clitoria nana Bentham,

FB 15,1 (1859) 120; Mälme, Ark. f. Bot. 23A, n. 13 (1931) 32; Burkart, Leg. Arg. (1952) 380, Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 122 et passim.

360 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis, subdumosis, 1.1.1933, fl.

9597 RGS, Tupanciretan, NWH, in campestribus siccis, 28.1.1942, ster.

9617 RGS, ibidem, 28.1.1942, fl.

9775 RGS, ibidem, 29.1.1942, fr. submaturo.

10183 RGS, Montserrat p. P. Alegre, NEL, in campestribus siccis dumosis, 1.3.1942, fl., leg. K. Emrich.

26518 RGS, Pareci p. Montenegro, NEL, in campestribus siccis graminosis, 1944, fr. maturo, leg. E. Henz SJ.

31930 SC, Sombrio p. Araranguá, in siccis graminosis, 28.12.1945, fl., leg. R. Reitz 1358.

38413 RGS, Sapucaia p. S. Leopoldo, NEL, in campestribus siccis, 29.11.1948, fl., fr. novo.

39603 RGS, Cachoeirinha p. Gravataí, in graminosis siccis, 7.1.1949, fl., fr. submaturo.

57867 RGS, Pestana p. Ijuí, NWH, in campestribus siccis graminosis, 26.1.1955, fl., leg. J. Pivetta 1024.

58646 RGS, Estação de Silvicultura p. Sta. Maria, CL, in campestribus siccis graminosis, 20.1.1956, fl., leg. O. Camargo 74.

60317 RGS, S. Bernardo p. Ijuí, NWH, in campestribus, 8.1.1957, fl.

61583 RGS, Taquari, CL, in campestribus siccis graminosis, 8.12.1957, fl., leg. O. Camargo 2684.

63351 RGS, Pelotas, SEC, in campestribus, 28.12.1954, fr., leg. J. Sacco 942, det. Burkart.

Habit: Low, hardy shrub, often branched from the base, branches 10—20 cm long.

Habitat: Open, or more or less shrubby, dry Campos.

Distribution in RGS: Campos of the northwestern Highlands, northeastern and coastal Lowlands.

General distribution: Argentine Mesopotamia, RGS.

CROTALARIA L.

Crotalaria balansae Micheli,

Contrib. Flor. Parag. 1 (1883) 9; Malme, Ark. f. Bot. 23A, n. 13 (1931) 18; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 122 et passim.

380 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis dumosis, 25.1.1933, fl. semievoluta.

- 7393** RGS, S. Leopoldo, NEI, in siccis dumosis, 1907, fr. maturo, leg. F. Theissen S.J.
25062 RGS, ibidem, 1943, fr., leg. A. Reckziegel.
53418 RGS, Caaró p. S. Luiz, NWH, in campestribus graminosis siccis 24.11.1952, ster.
55505 SC, Passo das Contas p. S. Joaquim, in campestribus dense graminosis, 29.1.1950, fl., leg. R. Reitz 4990, det. Asplund.

Habitat: Suffruticose, small, erect, 10–40 cm high.

Habitat: Dry, grassy, Campos.

Distribution in RGS: Widely scattered through the northern Campos area.

General distribution: Paraguay, RGS.

Crotalaria hilariana Benth.,

FB 15,1 (1859) 25; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 122 et passim.

- 1107** RGS, sine loco, 25.5.1935, fr. submaturo.
4263 RGS, Cambará p. S. Francisco de Paula, NEH, in campestribus subsiccis dumosis, 6.2.1941, fl.
4511 RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in campestribus dense graminosis, 8.2.1941, fl.
8564 RGS, Rio dos Taurós p. Bom Jesus, NEH, in campestribus siccis dumosis, 13.1.1942, fl., fr. semievoluta.
8960 RGS, Bom Jesus, NEH, in campestribus siccis, 15.1.1942, fl.
28456 RGS, Nonoai ad fl. Uruguay superius; NWU, in campestribus siccis graminosis, 3.1945, fl., fr. submaturo.
30762 RGS, Vila Oliva p. Caxias, NEH, in campestribus siccis graminosis, 29.1.1946, fl., fr. submaturo.
31292 RGS, sine loco, sine die, fl., fr. maturo.
32242 RGS, Azulega p. S. Francisco de Paula, NEH, in campestribus siccis graminosis, 15.2.1946, fl., fr. submaturo.
33114 Paraná, Rincão p. Curitiba, in campestribus siccis graminosis, 7.2.1946, fl., fr. semievoluta, leg. G. Hatschbach 181.
35068 RGS, Fazenda da Ronda. p. Vacaria, NEH, in campestribus siccis graminosis, 11.1.1947, fl., fr. submaturo.
35763 RGS, Agua Azul p. Caxias, NEH, in campestribus siccis graminosis, 3.1.1947, fl., fr. semievoluta.
36205 RGS, Cambará p. S. Francisco de Paula, NEH, in campestribus siccis dumosis, 2.1948, fl.
49561 SC, Lages, in campestribus graminosis, 10.1.1951; fl., fr. maturo.
51640 RGS, Passo do Socorro p. Vacaria, NEH, in campestribus siccis graminosis, 27.12.1951, fl., fr.
53038 RGS, Sto. Angelo, NWH, in campestribus graminosis, 17.11.1952, fl.
55025 RGS, Vila Oliva p. Caxias, NEH, in campestribus graminosis, 24.2.1954, fl., fr.

- 57878** RGS, Pestana p. Ijuí, NWH, in campestribus siccis graminosis, 26.1.1955, fl., fr., leg. J. Pivetta 1031.
61003 SC, Lages, in campestribus, 25.12.1956, fl., leg. J. Mattos.

Habit: Suffruticose, ascending to erect, often branched from the base, branches up to 40 cm long.

Habitat: Dry, open, or more or less shrubby Campo.

Distribution in RGs: Northern Highlands only.

General distribution: From S. Paulo to RGs.

Crotalaria stipularia Desv.,

Journ. Bot. 1814, 2, 76; Bentham, FB 15,1 (1859) 1, tab. 3; Burkart, Leg. Arg. (1952) 327; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 123 et passim.

- 10116** RGS, Ijuisinho p. Tupanciretan, NWH, in campestribus graminosis 30.1.1942, fl.

- 31793** SC, Sombrio p. Araranguá, in arenosis dumosis, 8.2.1945, fl., fr.

- 37357** RGS, ad montem Supacaia p. S. Leopoldo, NEL, in arenosis subdense dumosis, 8.7.1948, fl., fr. semievoluto.

- 38917** RGS, S. Leopoldo, NEL, in campestribus siccis graminosis, 17.12.1948, ster.

- 58948** RGS, Estação de Silvicultura p. Sta. Maria, CL, in campestribus siccis dumosis, 26.1.1956, fl., fr., leg. O. Camargo 117.

- 59190** RGS, Esteio p. S. Leopoldo, NEL, in subdumosis, 29.1.1956, fl., fr.

- 59204** RGS, ibidem, in dumosis, 29.1.1956, fl., fr.

Habit: Suffruticose, erect, up to 50 cm high.

Habitat: Dry, shrubby Campos.

Distribution in RGs: Widely scattered through the northern half of the State.

General distribution: From Guyana to northern Argentina and RGs.

Crotalaria tweedieana Bentham,

Hook. Journ. Bot. 2 (1840) 482; FB 15,1 (1859) 25; Herter, Flor. Urug. (1930) 69; Malme, Ark. f. Bot. 23A, n. 13 (1931) 17; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 123 et passim.

- 381** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis dumosis, 16.10.1932, fl.

- 8451** RGS, Arroio dos Ratos p. S. Jerônimo, CL, in campestribus siccis graminosis, 8.1.1942, fr. maturo.

- 9479** RGS, Jarí p. Tupanciretan, NWH, in campestribus siccis graminosis, 27.1.1942, fl.

- 27214** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 10.1944, fl., fr. juvenili.

- 29266** RGS, ibidem, 10.10.1945, fl.
- 37908** RGS, sine loco, sine die, fl.
- 38429** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis subnudis, 1.12.1948, fl.
- 38667** RGS, Rio dos Sinos p. S. Leopoldo, NEL, in arenosis graminosis, 10.12.1948, fr. submaturo.
- 38952** RGS, Chácara Weber p. Itapoan, NEL, in campestribus siccis sparse dumosis, 18.12.1948, fl.
- 43512** RGS, Portão p. S. Leopoldo, NEL, in campestribus siccis graminosis, 23.9.1949, fl.
- 44091** RGS, Barreto Vianna p. S. Leopoldo, NEL, in campestribus siccis graminosis, 24.10.1949, fl.
- 49016** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 18.10.1950, fl.
- 49090** RGS, ibidem, 8.11.1950, fr. submaturo.
- 53003** RGS, Sto. Angelo, NWH, in campestribus graminosis, 17.11.1952, fl.
- 56902** Paraná, Palmeiras, in campestribus graminosis, 2.1955, fl., leg. M. Frank.
- 57347** RGS, Estação de Silvicultura p. Sta. Maria, CL, in campestribus graminosis, 18.11.1955, fl., leg. O. Camargo.
- 57540** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus graminosis, 19.11.1955, fl.
- 61588** RGS, P. Alegre, NEL, in campestribus graminosis, 19.11.1957, fl., leg. O. Camargo 2673.
- 64241** RGS, P. Alegre, NEL, in campestribus siccis graminosis, 3.1958, fl., leg. J. Mattos.

Habit: Suffruticose, prostrate to ascending, abundantly branched from the base, branches up to 50 cm long.

Habitat: Dry, open, grassy Campos.

Distribution in RGS: Over the whole of the Campos area ,except for the northeastern Highlands.

General distribution: From Paraná to Uruguay.

DAHLSTEDTIA

Dahlstedtia pinnata (Benth.) Malme,

Ark. f. Bot. 4, n. 9 (1905) 4, tab. 1; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 131. — *Camposema pinnatum* Benth., FB 15,1 (1859) 325.

28100 RGS, Nonoai ad fl. Uruguay, NWU, ad flumen, 3.1945, fr. semievoluto.

33633 Paraná, in silva, 30.7.1944, fl., leg. G. Hatschbach.

48224 RGS, Iraí ad fl. Uruguay, NWU, in secundariis, 11.1948, fl., leg. K. Emrich.

- 55561** SC, Ribeirão p. Florianópolis, in dumosis, 19.10.1950, fl., leg. R. Reitz 5564, det. Burkart.
58262 SC, Brusque, in silva, 14.4.1950, fl., leg. R. Reitz 1950, det. Burkart.

Habit: Woody shrub, up to 3 m high.

Habitat: River banks, secondary growth.

Distribution in RGS: Rain forest in the northwestern bend of the Uruguay River only.

General distribution: From Minas Gerais to RGS.

DALBERGIA L.

Dalbergia variabilis Vog.

Linnaea 11 (1837) 196; Bentham, FB 15,1 (1859) 120, tab. 57; Malme, Ark. f. Bot. 23A, n. 13 (1931) 29; Burkart, Leg. Arg. (1952) 222, fig. 53; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 123 et passim.

- 1373** RGS, S. Leopoldo, NEL, in silva campestris, 8.11.1934, fl.
1446 RGS, Vila Manresa p. P. Alegre, NEL, in silva, 5.3.1933, ster.
4941 RGS, Sta. Clara p. Lageado, CS, in silva, 18.11.1940, fl.
7336 RGS, S. Leopoldo, NEL, in silva campestris, 1907, fr. semievoluto, leg. F. Theissen SJ.
11011 RGS, Nova Petrópolis, NES, in silva, 1.1943, fr. juvenili.
11033 RGS, Sta. Maria, CS, ad silvam pluvialem, 28.1.1936, fl., fr. juvenili, leg. W. Rau.
25456 RGS, Cérro Largo p. S. Luiz, NWH, in silva campestris, 3.9.1946, ster., leg. Irm. Augusto.
26792 RGS, ibidem, 10.1944, fl., leg. E. Friderichs SJ.
27677 RGS, Parecí p. Montenegro, NEL, in silva pluviali, 1944, ster., leg. E. Henz SJ.
28516 RGS, Nonoai ad fl. Uruguay superius, NWU, ad silvam, 3.1945, ster.
30018 RGS, Sta. Maria, CS, in silva pluviali, sine die, fl., leg. W. Rau.
30747 RGS, Vila Oliva p. Caxias, NEH, in araucarieto, 28.1.1946, ster.
31361 RGS, ibidem, 25.2.1946, fr. submaturo.
32584 RGS, Parecí p. Montenegro, NEL, ad silvam pluviale, 31.10.1945, fl., leg. E. Henz SJ.
34276 RGS, Kappesberg p. Montenegro, NES, in secundariis, 12.1947, fl., leg. E. Friderichs SJ.
38401 RGS, Sapucaia p. S. Leopoldo, NEL, in silva campestris, 29.11.1948, fl.
38603 RGS, ad montem das Cabras p. S. Leopoldo, NEL, in silva pluviali, 7.12.1948, fl.
39003 RGS, ad montem Steinkopf p. S. Leopoldo, NEL, in silva pluviali, 20.12.1948, fl.

- 39385** RGS, Lamí p. Itapoan, NEL, in silva campestri, 3.1.1949, fr. semievervoluto.
- 44613** RGS, Vila Oliva p. Caxias, NEH, in araucarieto, 3.12.1949, fl.
- 44851** RGS, S. Francisco de Paula, NEH, in araucarieto, 18.12.1949, fl.
- 48015** RGS, Kappesberg p. Montenegro, NES, in silva, 15.11.1946, fl., leg. A. Sehnem SJ 2304.
- 48068** RGS, Kappesberg p. Montenegro, NES, in silva, 15.11.1948, fl., leg. A. Sehnem SJ 2518.
- 48138** Paraná, Florestal p. Piraquara, in araucarieto, 21.11.1948, fl., leg. G. Hatschbach 1077.
- 48338** SC, Figueiredo p. Bom Retiro, in silva, 28.12.1948, fr. juvenili, leg. R. Reitz 3458.
- 49293** RGS, Gravataí p. P. Alegre, NEL, in silva campestri, 1.12.1950, fl.
- 49483** RGS, Mato Leitão p. Venâncio Aires, CS, in silva, 1.1.1951, fr. juv.
- 49874** SC, Itapiranga ad fl. Uruguay, in silva, 6.2.1951, fr. submaturo.
- 50211** RGS, Caracol p. Canela, NEH, in araucarieto, 2.1951, fl., leg. K. Emrich.
- 51709** RGS, Passo do Socorro p. Vacaria, NEH, in araucarieto, 28.12.1951, fl.
- 53239** RGS, Cérro Largo p. S. Luiz, NWH, in secundariis, 20.11.1952, fl.
- 54613** RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in secundariis, 1.1.1954, fr. juvenili.
- 55215** SC, Anitápolis, in silva, 4.4.1953, fr. leg. R. Reitz 6436.
- 57862** RGS, Pestana p. Ijuí, NWH, in silva, 18.11.1954, fl., leg. J. Pivetta 1029.
- 58788** RGS, Estação de Silvicultura p. Sta. Maria, CL, in silva, 3.2.1956, ster., leg. O. Camargo 230.
- 59404** RGS, Farroupilha, NEH, in silva, 25.11.1956, fl., leg. O. Camargo 986.
- 60575** RGS, ibidem, 12.4.1957, ster., leg. O. Camargo 1300.
- 60901** RGS, ibidem, 18.6.1957, fr., leg. O. Camargo 1606.
- 61038** SC, Lages, in araucarieto, 25.12.1956, fl., leg. J. Mattos.
- 63495** SC, S. Joaquim, in silva, 10.1.1958, ster., leg. J. Mattos.

Habit: Woody half-climber, up to 10 m high.

Habitat: Edge of the forest, secondary growth.

Distribution in RGS: Through the whole of the forested northern half of the State.

General distribution: From Peru and Amazonia down to northeastern Argentina and RGS.

DESMODIUM Desv.

Desmodium adscendens (Swartz) DC.,

Prodr. 2 (1825) 332; Bentham, FB 15,1 (1859) 97; Malme, Ark. f. Bot. 18, n. 7 (1922) 7; Herter, Flor. Urug. (1930) 69; Malme, Ark. f. Bot.

23A, n. 13 (1931) 28; Burkart, Darwiniana 3 (1939) 190; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 123 et passim. — *Hedysarum adscendens* Swartz, Prodr. Veg. Ind. Occid. (1788) 106.

347 RGS, Vila Manresa p. P. Alegre, NEL, in umbrosis graminosis, 4.1.1933, fl.

7317 RGS, S. Leopoldo, NEL, in umbrosis graminosis, 1907, fl., leg. F. Theissen SJ.

25045 RGS, ibidem, 1943, ster., leg. A. Reckziegel.

25341 SC, Florianópolis, in incultis graminosis, 10.1.1943, fl., fr. juvenili, leg. A. Rohr SJ.

25934 SC, ibidem, in umbrosis graminosis, 11.3.1945, fl., leg. A. Rohr. SJ.

26379 RGS, Fazenda das Almas p. Palmares, NEL, in silvula sabulosa, 1.1945, fl., leg. P. Buck SJ.

28022 RGS, Nonoai ad fl. Uruguay, NWU, in umbrosis, 3.1945, fl.

31595 SC, Sombrio p. Araranguá, in arenosis dumosis, 5.2.1946, fl.

37684 Paraná, Matinhos p. Paranaguá, in arenosis graminosis, 7.3.1948, fl., fr. juvenili, leg. G. Hatschbach 903.

39293 RGS, Campo do Varejão p. Viamão, NEL, in campestribus arenosis graminosis, 29.12.1948, fl.

39514 RGS, Cachoeirinha p. Gravataí, NEL, in campestribus dumosis, 7.1.1949, fl.

39712 RGS, Pareci p. Montenegro, NEL, in umbrosis graminosis, 14.1.1949, fl.

40547 RGS, Sapucaia p. S. Leopoldo, NEL, in humidis graminosis, 17.3.1949, fl., fr. semievoluto.

41445 RGS, Estação Azevedo p. Montenegro, NEL, in subpaludosis dumosis, 6.5.1949, fl.

45169 RGS, Fazenda do Arroio p. Osório, NEC, in silvula arenosa, 4.1.1950, fl.

45953 RGS, Lagoa dos Quadros p. Torres, NEC, in arenosis graminosis, 21.2.1950, fl.

46132 RGS, Fazenda do Arroio p. Osório, NEC, in subpaludosis dumosis, 6.3.1950, fl.

46477 RGS, Lagoa da Pinguela p. Osório, NEC, in paludosis dumosis, 27.3.1950, fl.

50630 RGS, Campestre p. Montenegro, NES, in dumosis secundariis, 1.3.1950, fl., leg. A. Sehnem SJ 4438.

54827 RGS, Torres, NEC, prope litus in graminosis, 11.2.1954, fl., fr.

55192 SC, Rio Tavares p. Florianópolis, 11.3.1953, fl., leg. R. Reitz 6409, det. Burkart.

55197 SC, Palhoça p. Florianópolis, in arenosis herbosis, 5.2.1953, fl., fr., leg. R. Reitz 6415, det. Burkart.

55216 SC, Anitápolis p. Palhoça, in pascuo, 4.4.1953, fl., leg. R. Reitz 6437, det. Burkart.

55219 SC, Massiambú p. Palhoça, in arenosis herbosis, 18.12.1952, fl., fr., leg. R. Reitz 6443, det. Burkart.

56587 RGS, Torres, NEC, in arenosis herbosis, 19.1.1955, fl., fr.

- 58231** SC, Ibirama, in graminosis, 1.3.1954, fl., fr., leg. R. Reitz 9230, det. Burkart.
- 59226** RGS, ad montem Sapucaia p. S. Leopoldo, NEL, in dumosis graminosis, 3.2.1956, fl., fr.
- 64253** SC, Lages, in campestribus, 17.2.1958, ster., leg. J. Mattos.

Habit: Prostrate to ascending, abundantly branched from the base, branches up to 75 cm long.

Habitat: More or less wet places between herbs, grasses and shrubs.

Distribution in RGS: Frequent through the whole of the State.

General distribution: From the West Indies down to Uruguay and B. Aires.

Desmodium affine Schl.

Linnaea 12 (1838) 312; Burkart, Darwiniana 3 (1939) 190, fig. 10 e; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 123. — *D. albiflorum* Salzm. ap. Bentham, FB 15,1 (1859) 99; Malme, Ark. f. Bot. 18, n. 7 (1922) 8; Herter, Flor. Urug. (1930) 69.

- 353** RGS, Feliz, NES, in secundariis, 13.3.1933, fl.
- 1375** RGS, ibidem, in dumosis umbrosis, 6.3.1933, fl., fr. juvenili.
- 1387** RGS, sine loco, sine die, fr. submaturo.
- 3706** RGS, Hortênsio p. Caí, NEL, ad silvam, 3.1.1941, fl.
- 3819** RGS, Bohnental p. Caí, NES, in secundariis, 4.1.1941, fl., fr. juv.
- 4061** Uruguay, Tres Fornos p. Rivera, in graminosis umbrosis, 12.1.1941, fl., fr. juvenili.
- 4892** RGS, Sta. Clara p. Lageado, NEL, in secundariis, 18.11.1940, fl.
- 7314** RGS, S. Leopoldo, NEL, ad silvam campestrem, 1907, fl., fr. juvenili, leg. F. Theissen SJ.
- 7315** RGS, ibidem, 1907, fl., leg. F. Theissen SJ.
- 9187** RGS, Jarí p. Tupanciretan, NWH, in silva campestri, 26.1.1942, fl.
- 9321** RGS, Toropí p. Tupanciretan, CS, ad viam in silva, 25.1.1942, fl.
- 11034** RGS, Marcelino Ramos, NWU, in secundariis, 1.1953, ster., leg. E. Friderichs SJ.
- 26785** RGS, Cerrado Largo p. S. Luiz, NWH, in umbrosis graminosis, 9.1944, fl., leg. E. Friderichs SJ.
- 30774** RGS, Vila Oliva p. Caxias, NEH, in secundariis, 28.1.1946, fl., fr.
- 31578** SC, Sombrio p. Araranguá, in dumosis umbrosis, 5.2.1946, fl., fr.
- 33107** Paraná, Florestal p. Piraquara, in umbrosis dumosis, 8.2.1946, fl., fr. semievoluto, leg. G. Hatschbach 178.
- 39919** RGS, ad montem Ferrabraz p. Novo Hamburgo, NEL, ad silvam in dumosis, 12.1.1949, fl.
- 39988** RGS, Linha Bonita p. Montenegro, NES, ad silvam in dumosis, 19.1.1949, fl.
- 40334** RGS, Sta. Rita p. Farroupilha, NEH, in secundariis, 29.1.1949, fl.
- 40350** RGS, ibidem, 29.1.1949, fl.

- 40609** RGS, Esteio p. S. Leopoldo, NEL, in silva aperta, 23.3.1949, fl.
- 45917** RGS, Lagoa dos Quadros p. Torres, NEC, ad viam in secundariis, 21.2.1950, fl.
- 46307** RGS, S. Francisco de Paula, NEH, in dumosis, 13.3.1950, fl., fr.
- 49876** SC, Itapiranga, ad fl. Uruguáy, ad silvam in dumosis, 6.2.1951, fl.
- 50631** RGS, Kappesberg p. Mortenegro, NES, in secundariis, 1.3.1950, fl., leg. A. Sehnem SJ 4424.
- 53113** RGS, Cérro Largo p. S. Luiz, NWH, in secundariis, 20.11.1952, fl., fr.
- 53583** Paraná, Cascavel, ad viam in silva, 10.1.1953, fl.
- 53617** Paraná, Salto Iguassú, ad viam in silva, 11.1.1953, fl.
- 54911** RGS, Vila Oliva p. Caxias, NEH, in umbrosis graminosis, 24.2.1954, fl., fr.
- 56695** RGS, ibidem, 8.2.1955, fl., fr.
- 59203** RGS, Esteio p. S. Leopoldo, NEL, in dumosis, 29.1.1956, fl.
- 59757** RGS, Farroupilha, NEH, in dumosis, 28.5.1956, fl., leg. O. Camargo 707.
- 59969** RGS, ibidem, 28.12.1956, fl., leg. O. Camargo 1062.
- 61036** SC, Lages, in campestribus dumosis, 25.12.1956, fl., leg. J. Mattos.
- 64028** RGS, Pelotas, SEC, in dumosis, 13.2.1956, fl., fr., leg. J. Sacco 477.

Habit: Suffruticose, branched from the base, branches up to 1 m long, leaning to the surrounding vegetation.

Habitat: Edge of the forest, secondary growth.

Distribution in RGS: Through the whole area of the State.

General distribution: From Central America to northern Argentina, Uruguay and RGS.

Desmodium arechavaletai Burkart,

Darwiniana 3 (1939) 216; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 123 et passim. — D. ramosissimum Arech., An. Mus. Nat. Montev. 3 (1901) 362; Malme, Ark. f. Bot. 18, n. 7 (1922) 12, tab. 2, fig. 4; Herter, Flor. Urug. (1930) 70; Malme, Ark. f. Bot. 23A, n. 13 (1931) 29.

35047 RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus saxosis dumosis, 11.1.1947, fl., fr. submature.

39201 RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis saxosis, 27.11.1948, fl.

Habit: Lignified shrub, up to 75 cm high, leaves unifoliolate.

Habitat: Dry, stony, shrubby Campos.

Distribution in RGS: Rare, in widely separated places.

General distribution: Paraguay, Uruguay, RGS.

Desmodium barbatum (L.) Bentham,

Miq. Plant. Junghuhn. 1 (1852) 224; FB 15,1 (1859) 95, tab. 26, fig.

2; Malme, Ark. f. Bot. 18, n. 7 (1922) 3; Ark. f. Bot. 23A, n. 13 (1931) 28; Burkart, Darwiniana 3 (1939) 182, fig. 10a; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 123. — *Hedysarum barbatum* L., Amoen. Acad. 5 (1760) 503.

1356 RGS, S. Leopoldo, NEL, in campestribus arenosis, 20.5.1934, fl., fr.

25051 RGS, ibidem, 1943, fl., fr. maturo, leg. A. Reckziegel.

25378 SC, Florianópolis, in incultis arenosis, 23.2.1946, fl., fr., leg. A. Rohr SJ.

36967 RGS, S. Leopoldo, NEL, in arenosis siccis subnudis, 10.3.1947, fl., fr., leg. E. Henz SJ.

40441 RGS, Sapucaia p. S. Leopoldo, NEL, in arenosis dumosis, 9.3.1949, fl.

40501 RGS, Vila Manresa p. P. Alegre, NEL, in graminosis, 14.3.1949, fl., fr. juvenili.

40557 RGS, Sapucaia p. S. Leopoldo, NEL, in siccis graminosis, 17.3.1949, fr. maturo.

46006 RGS, Lagoa dos Quadros p. Torres, NEC, in arenosis graminosis, 21.2.1950, fr. maturo.

46171 RGS, Fazenda do Arroio p. Osório, NEC, in arenosis dumosis, 6.3.1950, fr.

50231 RGS, Vila Manresa p. P. Alegre, NEL, in siccis graminosis, 26.3.1951, fr. maturo.

54806 RGS, Torres, NEC, prope litus in arenosis, 11.2.1954, fl., fr.

55203 SC, Sombrio p. Araranguá, in arenosis graminosis, 27.1.1952, fl., leg. R. Reitz 6422, det. Burkart.

55226 SC, Massiambú p. Palhoça, prope litus in arenosis, 12.3.1953, fl., fr., leg. R. Reitz 6455, det. Burkart.

59001 RGS, Estação de Silvicultura p. Sta. Maria, CL, in siccis prostratum, 2.1.1956, fl., leg. O. Camargo 137.

Habit: Prostrate, densely branched from the base, branches up to 50 cm long.

Habitat: Dry, grassy or more or less bare places.

Distribution in RGS: Through most of the Campos area, especially in the northeastern Lowlands and sea coast.

General distribution: From Central America to northeastern Argentina and RGS.

***Desmodium canum* (Gmel.) Schinz et Thellung,**

Mém. Soc. Neufchâtel. Sc. Nat. 5 (1913) 371; Burkart, Leg. Arg. (1952) 298; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 123. — *D. supinum* (Sw.) DC., Prodr. 2 (1825) 332; Burkart, Darwiniana 3 (1939) 186, fig. 10 d. — *Desmodium incanum* (Sw.) DC., Prodr. 2 (1825) 332; Bentham, FB 15,1 (1859) 98; Malme, Ark. f. Bot. 18, n. 7 (1922) 7; Malme, Ark. f. Bot. 23A, n. 13 (1931) 28.

2938 RGS, S. Borja, in campestribus, 1942, fl., leg. F. Baglione.

3172 SC, Florianópolis, in arenosis graminosis, 6.1938, fl.

- 3659** RGS, Piedade p. Montenegro, NES, in pascuo, 23.12.1940, fl.
3749 RGS, Feliz p. Caí, ad viam in dūmosis, 4.1.1941, fl.
3800 RGS, Bohnental p. Caí, NES, ad viam in tritis, 4.1.1941, fl.
3828 RGS, ibidem, in secundariis, 4.1.1941, fl.
3879 RGS, Morro do Vigia p. Livramento, SW, in campestribus siccis graminosis, 12.1.1941, fl.
4119 RGS, Rio Mancarrão p. Quaraí, SW, in campestribus siccis graminosis, 14.1.1941, fl.
4687 RGS, Sto. Angelo, NWH, ad silvam, 18.2.1941, fl.
4921 RGS, Sta. Clara p. Lageado, CS, in incultis, 18.11.1940, fl.
6576 RGS, Nova Petrópolis, NES, in pascuo, 10.11.1940, fl.
7316 RGS, S. Leopoldo, NEL, in humidis dumosis, 1907, fr. submaturo, leg. F. Theissen SJ.
8413 RGS, Arroio dos Ratos p. S. Jerônimo, NEL, in campestribus graminosis, 8.1.1942, fl.
8458 RGS, ibidem, 8.1.1942, fl., fr. juvenili.
9202 RGS, Jarí p. Tupanciretan, NWH, in campestribus graminosis, 26.1.1942, fl.
9462 RGS, ibidem, 27.1.1942, fl.
9772 RGS, Tupanciretan, NWH, in campestribus dumosis, 29.1.1942, fl.
9973 RGS, Ijuisinho p. Tupanciretan, NWH, in campestribus graminosis, 30.1.1942, fl.
10014 RGS, ibidem, 30.1.1942, fl.
11009 RGS, Sta. Maria, CL, in campestribus graminosis, 1943, fl., leg. A. Heidler SJ.
11024 RGS, ibidem, 25.1.1939, fl., leg. W. Rau.
25047 RGS, S. Leopoldo, NEL, in campestribus graminosis, 1943, fl., fr. submaturo, leg. A. Reckziegel.
25055 RGS, ibidem, 1942, fl., fr., leg. A. Reckziegel.
25320 RGS, ibidem, 1907, fl., leg. F. Theissen SJ.
25512 RGS, Cruz Alta, CH, in campestribus graminosis, 1.1944, fl., fr. juvenili, leg. C. A. Verissimo.
26974 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus, 10.1944, fl.
27070 RGS, ibidem, 10.1944, fl.
28608 RGS, Nonoai ad fl. Uruguay, NWU, ad silvulam, 3.1945, ster.
28609 RGS, ibidem, 3.1945, fr. submaturo.
29357 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus graminosis, 31.11.1945, det. Burkart.
31403 SC, Sombrio p. Araranguá, in incultis dumosis, 31.1.1946, fl., fr.
35487 RGS, S. Leopoldo, NEL, in incultis, 6.11.1946, fl., leg. C. Ritter SJ.
37939 RGS, Sapucaia p. S. Leopoldo, NEL, in arenosis, 10.11.1948, fl.
38568 RGS, ad montem das Cabras p. S. Leopoldo, NEL, in campestribus dumosis, 7.12.1948, fl., fr. maturo.
39386 RGS, Lamí p. Itapoan, NEL, in arenosis graminosis, 3.1.1949, fr.

- 39510** RGS, Cristal p. P. Alegre, NEL, in arenosis, graminosis, 5.1. 1949, fl.
- 39992** RGS, Linha Bonita p. Montenegro, NES, in secundariis, 19.1. 1949, fl.
- 45766** RGS, Sta. Rita p. Farroupilha, NEH, ad viam, 7.2.1950, fl.
- 45907** RGS, Lagoa dos Quadros p. Torres, NEC, in dumosis, 21.2. 1950, fl.
- 46449** RGS, Lagoa da Pinguela p. Osório, NEC, ad silvam, 27.3. 1950, fl.
- 50629** RGS, Kappesberg p. Montenegro, NES, in secundariis, 23.12. 1949, fl., leg. A. Sehnem SJ 4085.
- 50633** RGS, Campestre p. Montenegro, NES, in secundariis, 1.3.1950, fr. maturo, leg. A. Sehnem SJ 4434.
- 53049** RGS, Sto. Angelo, NWH, in campestribus graminosis, 17.11. 1952, fl.
- 53673** Paraná, Salto Iguassú, ad viam, 11.1.1953, fl.
- 54380** SC, Mafra, in graminosis, 26.1.1953, fl., leg. R. Reitz, det. Burkart.
- 55220** SC, Massiambú p. Palhoça, in arenosis herbosis, 18.12.1952, fl., leg. R. Reitz 6444, det. Burkart.
- 57863** RGS, Sta. Maria, CL, in graminosis, 26.11.1953, fl., leg. J. Pivetta 1028.
- 57864** RGS, Pestana p. Ijuí, NWH, in graminosis, 10.10.1953, fl., leg. J. Pivetta 1027.
- 58230** SC, Rio Tavares p. Florianópolis, in graminosis, 5.11.1952, fl., leg. R. Reitz, 9226, det. Burkart.
- 58971** RGS, Estação de Silvicultura p. Sta. Maria, CL, in graminosis umbrosis, 25.1.1956, fl., leg. O. Camargo 94.
- 59181** RGS, Esteio p. S. Leopoldo, NEL, in graminosis, 29.1.1956, fl.
- 61681** RGS, Taquarí, CL, in campestribus, 10.12.1957, fl., fr., leg. O. Camargo 2807.
- 62502** RGS, Marau p. P. Fundo, CH, in graminosis, 23.10.1957, fl., leg. O. Camargo 2152.
- 63008** RGS, Pelotas, SEC, in graminosis, 10.3.1956, fl., leg. Schlichting.
- 63349** RGS, ibidem, in campestribus, 11.3.1955, fl., leg. J. Sacco 955, det. Burkart.
- 63998** RGS, ibidem, in dumosis, 8.3.1956, fl., leg. J. Sacco 537.

Habit: Prostrate to ascending, abundantly branched from the base, branches up to 40 cm long.

Habitat: Dry, open, or more or less shrubby Campos, pastures, secondary growth.

Distribution in RGS: Through the whole of the Campos and cultivated area, extremely common.

General distribution: From Central America and the West Indies down to Central Argentina, Uruguay and RGS.

Desmodium cuneatum Hook. et Arn.,

Bot. Misc. 3 (1932) 195; Bentham, FB 15,1 (1859) 100; Malme, Ark.

f. Bot. 18, n. 7 (1922) 8; Herter, Flor. Urug. (1930) 69; Malme, Ark. f. Bot. 23A, n. 13 (1931) 28; Burkart, Darwiniana 3 (1939) 204, fig. 11 k; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 123 et passim.

1381 RGS, Sapucaia p. S. Leopoldo, NEL, in campestribus alte dumosis, 16.11.1932, fl.

10021 RGS, Ijuisinho p. Tupanciretan, NWH, in campestribus dumosis, 30.1.1942, fl.

11023 RGS, Sta. Maria, CL, in campestribus dumosis, sine die, fl., leg. W. Rau.

11824 RGS, Morro Sta. Teresa p. P. Alegre, NEL, in campestribus dumosis, 29.10.1940, fl., leg. K. Emrich.

26301 RGS, Fazenda do Jarau p. Quaraí, NEL, in campestribus siccis dumosis, 1.1945, fl., fr.

29554 RGS, Sapucaia p. S. Leopoldo, NEL, in alte dumosis, 5.9.1945, fl.

35065 RGS, Fazenda da Ronda p. Vacaria, NEL, in campestribus alte dumosis, 11.1.1947, fl., fr. maturo.

37373 RGS, ad montem Sapucaia p. S. Leopoldo, NEL, in arenosis dumosis, 8.7.1948, fl.

37942 RGS, Sapucaia p. S. Leopoldo, NEL, in alte dumosis, 10.11.1948, fl.

40581 RGS, ibidem, 17.3.1949, fl., fr. submaturo.

40949 RGS, ad montem das Cabras p. S. Leopoldo, NEL, in campes-tribus apertis, 8.4.1949, fr. submaturo.

41008 RGS, Viamão p. P. Alegre, NEL, in campestribus alte dumosis, 3.4.1949, fl.

46457 Lagoa da Pinguela p. Osório, NEC, in arenosis dumosis, 27.3.1950, fr. submaturo.

47976 RGS, S. Luiz das Missões, NWH, in campestribus, 4.2.1949, fl., fr. juvenili, leg. A. Sehnem SJ 3619.

53145 RGS, Cérro Largo p. S. Luiz, NWH, in campestribus dumosis, 20.11.1952, fl. nondum aperto.

55244 SC, Mafra, in campestribus dumosis, 26.1.1953, fl., fr., leg. R. Reitz 6490, det. Burkart.

57049 RGS, ad montem Sapucaia p. S. Leopoldo, NEL, in secundariis, 11.10.1955, fl.

59229 RGS, ibidem, 3.2.1956, fl., fr.

Habit: Slender and sparingly branched shrub, up to 2 m high.

Habitat: Dry and more or less open Campos.

Distribution in RGS: Over most of the Campos area, except for the northeastern Highlands.

General distribution: From northern Argentina and Paraguay to RGS and Uruguay.

Desmodium hickenianum Burkart,

Darwiniana 3 (1939) 217, fig. 12; Leg. Arg. (1952) 301; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) passim.

35064 RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus siccis dumosis, 11.1.1947, fl., fr. submaturo.

Habit: Ascending to erect, sparingly branched, up to 50 cm high.

Habitat: Dry, stony, shrubby Campo.

Distribution in RGS: One only findplace in the northeastern Highlands.

General distribution: Paraguay, northern Argentina, Uruguay, RGS.

Desmodium leiocarpum (Spreng.) Don,

Gen. Syst. 2 (1832) 294; Bentham, FB 15,1 (1859) 103; Malme, Ark. f. Bot. 18, n. 7 (1922) 18; Burkart, Darwiniana 3 (1939) 210; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 124 et passim. — *Hedysarum leiocarpon* Spreng., Syst. Veg. 3 (1826) 316.

1918 RGS, Bom Jesus, NEH, in campestribus dumosis, 25.5.1935, fl., fr. juvenili, leg. J. Dutra.

4688 RGS, Guaramano p. Sto. Angelo, NWH, in secundariis, 8.2.1941, fl.

4789 RGS, Passo do Inferno p. Canela, NEH, in campestribus alte dumosis, 10.2.1941, fl.

41496 RGS, Inst. Borges de Medeiros p. P. Alegre, NEL, culta? 8.5.1947, fr.

61070 SC, Lages, in dumosis, 25.12.1956, ster., leg. J. Mattos.

Habit: Vigorous shrub, up to 1,5 m high.

Habitat: Dry, shrubby Campos.

Distribution in RGS: Rare, findplaces widely separated on the northern Highlands only.

General distribution: From Bahia to Misiones and RGS.

Desmodium pachyrhizum Vog.,

Linnaea 12 (1838) 97; Bentham, FB 15,1 (1859) 101; Malme, Ark. f. Bot. 18, n. 7 (1922) 9; Herter, Flor. Urug. (1930) 70; Malme, Ark. f. Bot. 23A, n. 13 (1931) 28; Burkart, Darwiniana 3 (1939) 213, fig. 11, 1; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 124 et passim.

8928 RGS, Bom. Jesus, NEH, in campestribus siccis graminosis, 15.1.1942, fl.

8986 RGS, ibidem, 16.1.1942, fl.

9490 RGS, Tupanciretan, NWH, in campestribus siccis dumosis, 27.1.1942, fl.

28580 RGS, Nonoai ad fl. Uruguay, NWU, in campestribus siccis dumosis, 3.1945, ster.

35050 RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus siccis dumosis, 11.1.1947, fl., fr. juvenili.

35054 RGS, ibidem, 11.1.1947, fl.

48148 Paraná, Lapa, in campestribus graminosis, 28.11.1948, fl., leg. G. Hatschbach 1093, det. Burkart.

- 51515** RGS, Passo do Socorro p. Vacaria, NEH, in campestribus dumosis, 26.12.1951, fl., fr.
- 51516** RGS, ibidem, 26.12.1951, fl., fr.
- 55207** SC, Capetinga p. Chapecó, in campestribus dumosis, 24.1.1952, fl., leg. R. Reitz 6426, det. Burkart.
- 55243** SC, Mafra, in campestribus dumosis, 26.1.1953, fl., fr., leg. R. Reitz 6492, det. Burkart.
- 56616** RGS, Vila Oliva p. Caxias, NEH, in campestribus dumosis, 8.2.1955, fl., fr.
- 56618** RGS, ibidem, 8.2.1955, fl., fr.

Habit: Slender, erect, sparingly branched, up to 75 cm high.

Habitat: Dry, grassy, more or less open Campos.

Distribution in RGS: Northern Highlands only.

General distribution: From S. Paulo and Paraguay to northern Argentina, RGS and Uruguay.

Desmodium polygaloides Chod. et Hassl.

Bull. Herb. Boiss. 2. sér. 4 (1904) 889; Malme, Ark. f. Bot. 23A, n. 13 (1931) 29; Burkart, Darwiniana 3 (1939) 244, fig. 11, m; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 124 et passim. — D. subssimplex (Benth.) Malme, Ark. f. Bot. 18, n. 7 (1922) 11. — D. dutrae Malme, Ark. f. Bot. 18, n. 7 (1922) 10, tab. 3, fig. 6; D. polygaloides Chod. et Hassl., var. dutrae (Malme) Malme, Ark. f. Bot. 23A, n. 13 (1931) 29.

1919 RGS, Bom Jesus, in campestribus dumosis, sine die, fl., leg. et det. J. Dutra.

3226 RGS, Tupanciretan, NWH, in campestribus siccis, dumosis, 28.1.1942, fl.

8968 RGS, Bom Jesus, NEH in campestribus siccis dumosis, 16.1.1942, fl.

9131 RGS, Tupanciretan, NWH, in campestribus alte dumosis, 25.1.1942, fl. e

9653 RGS, ibidem, 28.1.1942, fl.

9799 RGS, ibidem, 29.1.1942, fl.

30766 RGS, Vila Oliva p. Caxias, NEH, in campestribus siccis dumosis, 29.1.1946, fr. juvenili, det. Burkart.

35050 RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus siccis dumosis, 11.1.1947, fl.

35053 RGS, ibidem, 11.1.1947, fl., fr. novo.

49537 SC, Lages, in campestribus dumosis, 10.1.1951, fl., fr.

50025 RGS, Soledade, CH, in campestribus dumosis, 13.2.1951, fl., fr.

51875 RGS, Passo da Guarda p. Bom Jesus, NEH, in campestribus dumosis, 15.1.1952, fl., fr.

54972 RGS, Vila Oliva p. Caxias, NEH, in campestribus dumosis, 24.2.1954, fl.

56617 RGS, ibidem, in campestribus dumosis, 8.2.1955, fl., fr.

57865 RGS, Pestana p. Ijuí, NWH, in dumosis campestribus, 26.1.1955, fl., leg. J. Pivetta 1026.

- 58784** RGS, Estação de Silvicultura p. Sta. Maria, CL, in campestribus siccis, 3.2.1956, fl., leg. O. Camargo 237.
- 58831** RGS, ibidem, 1.3.1956, fl., leg. O. Camargo 139.
- 61367** RGS, Pestana p. Ijuí, NWH, in campestribus, 16.2.1956, fl., leg. J. Pivetta 1151.
- 61368** RGS, ibidem, in campestribus, 7.2.1956, fl., leg. J. Pivetta 1150.
- 63358** RGS, Pelotas, SEC, in dumosis, 16.3.1955, fl., fr., leg. J. Sacco 945, det. Burkart.

Habit: Slender, erect, woody, diffusely branched, up to 1,5 m high.

Habitat: Dry, shrubby or more or less open, grassy, Campos.

Distribution in RGS: Northern half of the State, especially on the Highlands.

General distribution: Paraguay, Misiones, RGS.

Desmodium triarticulatum Malme,

Ark. f. Bot. 18, n. 7 (1922) 6, tab. 2, fig. 3; Ark. f. Bot. 23A, n. 13 (1931) 28; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 124 et passim.

- 1357** RGS, S. Leopoldo, NEL, in campestribus dumosis, 20.5.1934, fr. semievoluto, leg. J. Dutra.
- 4320** RGS, Taimbesinho p. S. Francisco de Paula, NEH, in campestribus dumosis, 7.2.1941, fl.
- 4324** RGS, ibidem, 7.2.1941, fl.
- 4402** RGS, ibidem, 7.2.1941, fl.
- 4483** RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in campestribus dumosis, 8.2.1941, fl.
- 4575** RGS, ibidem, 8.2.1941, fr. semievoluto.
- 4808** RGS, ibidem, 10.2.1941, fr. semievoluto.
- 8909** RGS, Bom Jesus, NEH, in campestribus dumosis, 15.1.1942, fr.
- 31343** RGS, Vila Oliva p. Caxias, NEH, in campestribus dumosis, 25.2.1946, fl., fr. submaturo.
- 32344** RGS, Tainhas p. S. Francisco de Paula, NEH, in campestribus dumosis, 17.2.1946, fl.
- 35025** RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus dumosis 11.1.1947, fl., fr. submaturo.
- 36200** RGS, Cambará p. S. Francisco de Paula, NEH, in campestribus dumosis, 2.1948, fl.
- 40353** RGS, Sta. Rita p. Farroupilha, NEH, in secundariis, 29.1.1949, fl.
- 45759** RGS, ibidem, in dumosis, 7.2.1950, fl., fr. semievoluto.
- 46308** RGS, S. Francisco dê Paula, NEH, in dumosis, 13.3.1950, fl., fr.
- 48548** RGS, Kappesberg p. Montenegro, NES, in secundariis, 18.3.1949, fl., fr. submaturo, leg. A. Sehnem SJ 3729.
- 50202** RGS, Caracol p. Canela, NEH, in secundariis, 5.2.1951, fl., leg. K. Emrich.
- 51599** RGS, Passo do Socorro p. Vacaria, NEH, ad silvam, 27.12.1951, fl.

- 51983** RGS, Jaquirana p. S. Francisco de Paula, NEH, in campestribus dumosis, 20.2.1952, fl., fr.
- 55089** RGS, Vila Oliva p. Caxias, NEH, in campestribus dumosis, 24.2.1954, fl., fr.
- 56739** RGS, ibidem, 8.2.1955, fl., fr.
- 57866** RGS, Pestana p. Ijuí, NWH, in dumosis, 16.4.1955, fl., leg. J. Pivetta 1025.
- 59424** RGS, Farroupilha, NEH, in dumosis subhumidis, 15.11.1956, fl., leg. O. Camargo 967.
- 59861** RGS, ibidem, 18.3.1957, fl., leg. O. Camargo 1158.
- 59975** RGS, ibidem, 5.1.1957, fl., leg. O. Camargo 1076.
- 59997** RGS, ibidem, 20.1.1957, fl., fr., leg. O. Camargo 1132.
- 60258** RGS, ibidem, 14.1.1957, fl., leg. O. Camargo 1099.

Habit: Woody, slender shrub, up to 1 m high.

Habitat: Edge of the forest, Campos woodlets, secondary growth.

Distribution in RGS: Except for 1357, all collections from the northeastern Highlands; southern sea coast (Malme).

General distribution: So far, RGS only.

Desmodium uncinatum (Jacq.) DC.,

Prodr. 2 (1825) 331; Bentham, FB 15,1 (1859) 96; Herter, Flor. Urug. (1930) 70; Malme, Ark. f. Bot. 18, n. 7 (1922) 3; Malme, Ark. f. Bot. 23A, n. 13 (1931) 28; Burkart, Darwiniana 3 (1939) 183, fig. 10, c; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 124 et passim. — *Hedysarum uncinatum* Jacq., Hort. Schoenbrunn 3 (1798) 27, tab. 298.

- 352** RGS, Feliz, NES, ad silvam scandens, 10.3.1933, fl., fr. maturo.
- 1391** RGS, S. Leopoldo, NEL, in dumosis, 10.6.1934, fl.
- 4004** Uruguay, Cuñapirú p. Rivera, in silvula, 12.1.1941, fl.
- 4408** RGS, Passo do Inferno p. Canela, NEH, in alte dumosis, 10.2.1941, fl.
- 4421** RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in dumosis, 8.2.1941, fl.
- 4499** RGS, ibidem, 8.2.1941, fl.
- 4810** RGS, Passo do Inferno p. Canela, NEH, ad araucarietum in alte dumosis, 10.2.1941, fl.
- 7347** RGS, S. Leopoldo, NEL, ad silvam, 1907, fl., leg. F. Theissen SJ.
- 8905** RGS, Bom Jesus, NEH, in silva campestri, 15.1.1942, fl.
- 9009** RGS, ibidem, 16.1.1942, fl.
- 9636** RGS, Tupanciretan, NWH, in silvula campestri, 28.1.1942, fl.
- 11019** RGS, Lagoa Vermelha, NEH, in silvula campestri, 1.1943, ster., leg. E. Friderichs SJ.
- 11517** RGS, Caracol p. Canela, NEH, in secundariis, 3.1945, fl., leg. K. Emrich.
- 11525** RGS, Fazenda Englert p. S. Francisco de Paula, NEH, ad araucarietum in dumosis, 1.1944, fl., leg. P. Buck SJ.
- 25056** RGS, Feliz, NES, ad silvam, 1943, leg. A. Reckziegel.

- 26038** RGS, Fazenda do Jaraú p. Quaraí, SW, in silva campestri, 1.1945, ster.
- 27839** S. Paulo, Campos do Jordão, in dumosis, 1.1944, fl., leg. E. Friderichs SJ.
- 28607** RGS, Nonoai ad fl. Uruguay, NWU, ad silvam, 3.1945, fl.
- 28610** RGS, ibidem, 3.1945, fl.
- 28749** RGS, Caracol p. Canela, NEH, in dumosis, 3.1945, fl., leg. K. Emrich.
- 30775** RGS, Vila Oliva p. Caxias, NEH, ad rivum in dumosis, 29.1.1946, fl.
- 31344** RGS, ibidem, 25.2.1946, fl.
- 31390** RGS, ibidem, 2.1946, fl., leg. P. Buck SJ.
- 35063** RGS, Fazenda da Ronda p. Vacaria, NEH, ad silvam, 11.1.1947, fl.
- 36209** RGS, Cambará p. S. Francisco de Paula, NEH, in dumosis, 2.1948, fl.
- 38897** RGS, S. Leopoldo, NEL, in silva campestri, 17.12.1948, fl., fr.
- 40217** RGS, Sta. Rita p. Farroupilha, NEH, in secundariis, 27.1.1949, fl.
- 40459** RGS, Sapucaia p. S. Leopoldo, NEL, in silvula, 9.3.1949, fl.
- 40905** RGS, ad montem das Cabras p. S. Leopoldo, NEL, ad silvam, 8.4.1949, fl.
- 45743** RGS, Sta. Rita p. Farroupilha, NEH, in secundariis, 7.2.1950, fl.
- 46300** RGS, S. Francisco de Paula, NEH, ad araucarietum, 13.3.1950, fl.
- 46372** RGS, Gramado p. Canela, NEH, in secundariis, 20.3.1950, fr.
- 46472** RGS, Lagoa da Pinguela p. Osório, NEC, in dumosis, 27.3.1950, fl., fr.
- 48004** RGS, Kappesberg p. Montenegro, NES, in secundariis, 6.3.1948, fl., leg. A. Sehnem SJ 3266.
- 48598** RGS, ibidem, 14.3.1949, fl., leg. A. Sehnem SJ 3691.
- 50632** RGS, Campestre p. Montenegro, NES, ad silvam, 1.3.1950, fl., leg. A. Sehnem SJ 4436.
- 52104** RGS, Jaquirana p. S. Francisco de Paula, NEH, in araucarieto, 20.2.1952, fl.
- 52505** SC, Peroba p. Araranguá, in secundariis, 18.4.1944, fl., leg. R. Reitz 1101.
- 54377** SC, Mafra, in dumosis, 26.1.1953, fl., leg. R. Reitz 6489, det. Burkart.
- 54902** RGS, Vila Oliva p. Caxias, NEH, in dumosis, 24.2.1954, fl., fr.
- 56614** RGS, ibidem, 8.2.1955, fl., fr.
- 56623** RGS, ibidem, 8.2.1955, fl., fr.

Habit: Vigorous, abundantly branched, climbing by means of hooked setae up to 2 m high.

Habitat: Edge of the forest, secondary growth, woodlets, gallery.

Distribution in RGS: Throughout of the forested area of the State.

General distribution: From Central America down to northern Argentina, Uruguay and RGS.

DIOCLEA H. B. K.

Dioclea megacarpa Rolfe,

Kew Bull. 1901, 139; Burkart, Leg. Arg. (1952) 405; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 124 et passim.

11017 RGS, Zimmersberg p. Montenegro, NEL, in silvula rupestris, 30. 1.1943, fl., leg. E. Friderichs SJ.

49766 RGS, Lagoa das Malvas p. Osório, NEC, in silva riparia, 18.1. 1951, fl.

Habit: High climber, up to 15 m high.

Habitat: Mature rain forest.

Distribution in RGS: Findplaces from the northeastern Lowlands and sea coast; observed at the Upper Uruguay River (Itapiranga, SC).

General distribution: Paraguay, South Brazil to RGS.

ERIOSEMA (DC.) Desv.

Eriosema campestre Bentham.,

Herb. Acad. Petrop. (); FB 15,1 (1859) 212; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 124 et passim.

4874 RGS, Passo do Inferno p. Canela, NEH, in campestribus saxosis dumosis, 10.2.1941, fr. semievoluta.

28461 RGS, Nonoai ad fl. Uruguay, NWU, in campestribus siccis dumosis, 3.1945, fl., fr. juvenili.

35048 RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus dense dumosis, 11.1.1947, fr. maturo.

36195 RGS, Cambará p. S. Francisco de Paula, NEH, in campestribus siccis dumosis, 2.1948, fl., fr. anofino aperto.

51636 RGS, Passo do Socorro p. Vacaria, NEH, in campestribus dumosis, 27.12.1951, fr.

51884 RGS, Passo da Guarda p. Bom Jesus, NEH, in campestribus dumosis, 15.1.1952, fl., fr.

55198 SC, Capetinga p. Chapecó, in campestribus dumosis, 24.1. 1952, fl., fr., leg. R. Reitz 6417.

59086 RGS, Pestana p. Ijuí, NWH, in campestribus, 19.2.1954, fl., leg. J. Pivetta 1042.

Habit: Vigorous, abundantly branched from a rootstock, erect, up to 50 cm high.

Habitat: Dry, shrubby Campos.

Distribution in RGS: Northern Highlands only.

General distribution: From Minas Gerais to RGS.

Eriosema crinitum (H. B. K.) E. Mey.,

Com. Plant. Afr. austr. () 128; Bentham, FB 15,1 (1859) 208; Malme, Ark. f. Bot. 23A, n. 13 (1931) 36; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 124 et passim. — Glycine crinita H. B. K., Nov. Gen. et Spec. Am. 6 (1823) 421, tab. 573.

- 1914** RGS, Estação Azevedo p. Montenegro, NEL, in campestribus siccis graminosis, 24.4.1935, fl., fr. anotino.
8937 RGS, Bom Jesus, NEH, in campestribus siccis graminosis, 15.1.1942, fr. submaturo.
8972 RGS, ibidem, 16.1.1942, fl.
9210 RGS, Jarí p. Tupanciretan, NWH, in campestribus siccis graminosis, 26.1.1942, fr. anotino.
9486 RGS, ibidem, 27.1.1942, fl.
9675 RGS, Tupanciretan, NWH, in campestribus saxosis graminosis, 28.1.1942, fl., fr. semievoluto.
9960 RGS, Ijuisinho p. Tupanciretan, NWH, in campestribus siccis dumosis, 30.1.1942, fr. anotino.
10075 RGS, ibidem, 30.1.1942, ster.
28336 RGS, Nonoai ad fl. Uruguay, NWU, in campestribus siccis graminosis, 3.1945, fl.
35066 RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus siccis graminosis, 11.1.1947, fl., fr. semievoluto.
37873 RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis graminosis, 6.11.1948, fl.
38137 RGS, ibidem, 20.11.1948, fl.
38734 RGS, Rio dos Sinos p. S. Leopoldo, NEL, in campestribus, 10.12.1948, fl.
51464 RGS, Passo do Socorro p. Vacaria, NEH, in campestribus dumosis, 26.12.1951, fr.
54138 RGS, Sto. Angelo, NWH, in campestribus graminosis, 17.11.1952, fl., fr.
55026 RGS, Vila Oliva p. Caxias, NEH, in campestribus saxosis, 24.2.1954, fl., fr.
56581 RGS, Passo do Inferno p. Canela, NEH, in campestribus saxosis, 9.1.1955, fl.
56883 Paraná, Palmeiras, in campestribus graminosis, 2.1955, fl., leg. M. Frank.
64251 SC, Lages, in campestribus, 18.2.1958, fl., leg. J. Mattos 5910.

Habit: Erect, abundantly branched from a rootstock, branches up to 40 cm high.

Habitat: Dry, grassy, or slightly shrubby Campos.

Distribution in RGS: Campos area of the northern half of the State.

General distribution: From Central America to RGS.

Eriosema floribundum Bentham,

Linnaea 22 (1849) 524; FB 15,1 (1859) 211; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 124 et passim.

- 1920** RGS, Carauno p. Bom Jesus, NEH, in campestribus siccis dumosis, 25.5.1935, fl., leg. J. Dutra.
- 28460** RGS, Nonoai ad fl. Uruguay, NWU, in campestribus siccis dumosis, 3.1945, fl.
- 49617** SC, Lages, in campestribus siccis graminosis, 10.1.1951, fl.
- 51011** SC, ibidem, 10.1.1950, fl., leg. A. Sehnem SJ 5457.
- 51016** SC, ibidem, 10.1.1951, fl., leg. A. Sehnem SJ 5463.

Habit: Low shrub, branched from the base, branches up to 30 cm high.

Habitat: Dry, grassy or more or less shrubby Campos.

Distribution in RGS: Northern Highlands only, rare.

General distribution: From Minas Gerais to RGS.

Eriosema rotundifolium Micheli,

Contr. Flor. Parag. 1 (1883) 35; Herter, Flor. Urug. (1930) 70; Malme, Ark. f. Bot. 23A, n. 13 (1931) 37; Burkart, Leg. Arg. (1952) 397; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 124 et passim.

- 1377** RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus dumosis scandens, sine die, fl.
- 27028** RGS, ibidem, 10.1944, fl.
- 37906** RGS, ibidem, 8.11.1948, fl.
- 40865** RGS, Granja Neugebauer p. Itapoan, NEL, in silvula campestri scandens, 3.4.1949, fr. juvenili.

Habit: Prostrate to climbing, the only species in RGS of this habit.

Habitat: Dry, shrubby Campos.

Distribution in RGS: Surroundings of P. Alegre; central Highlands (Malme).

General distribution: Paraguay, northeastern Argentina, RGS.

Eriosema strictum Bentham,

Linnaea 22 (1849) 520; FB 15,1 (1859) 208; Malme, Ark. f. Bot. 23A, n. 13 (1931) 36; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 124 et passim.

- 1922** RGS, Carauno p. Bom Jesus, NEH, in campestribus dumosis, 22.5.1935, fl., fr. juvenili.
- 6777** SC, Florianópolis, in arenosis dumosis, 1935, fr., leg. A. Bruxel SJ.
- 31744** SC, Sombrio p. Araranguá, in arenosis dumosis, 7.2.1946, fl.
- 37679** Paraná, Rio das Pombas p. Palmeiras, in campestribus siccis dumosis, 6.1.1948, fl., leg. G. Hatschbach 863.
- 49673** SC, Lages, in campestribus siccis graminosis, 10.1.1951, fl.
- 61072** SC, ibidem, 25.12.1956, fl., leg. J. Mattos.
- 64324** SC, ibidem, 18.2.1958, fl., leg. J. Mattos.

Habit: Erect, stiff, generally unbranched, up to 40 cm high.

Habitat: Dry, grassy Campos.

Distribution in RGS: Northeastern Highlands only, rare.

General distribution: From Minas Gerais to RGS.

Eriosema tacuaremboense Arech.,

Flor. Urug. 1 (1898) 397; Herter, Flor. Urug. (1930) 70; Burkart, Leg. Arg. (1952) 397; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 124 et passim.

9083 RGS, Jarí p. Tupanciretan, NWH, in campestribus siccis dumosis, 25.1.1942, fr. anotino.

26056 RGS, Fazenda do Jarau p. Quaraí, in campestribus siccis aperte dumosis, 1.1945, fl.

26995 RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis graminosis, 10.1944, fl.

58713 RGS, Estação de Silvicultura p. Sta. Maria, CL, in campestribus siccis, 3.2.1956, fr., leg. O. Camargo 218.

60316 RGS, S. Bernardo p. Ijuí, NWH, in campestribus siccis subnudis, 8.1.1957, fl.

Habit: Erect, generally not branched, up to 40 cm high.

Habitat: Dry, grassy or somewhat shrubby Campos.

Distribution in RGS: Western Campos area; P. Alegre.

General distribution: Northeastern Argentina, RGS, Uruguay.

ERYTHRINA L.

Erythrina crista-galli L.,

Mant. (1767) 99; Bentham, FB 15,T (1859) 172; Herter, Flor. Urug. (1930) 70; Malme, Ark. f. Bot. 23A, n. 13 (1931) 33; Burkart, Leg. Arg. (1952) 388; Kruckhoff, Brittonia 3,2 (1939) 228; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 125 et passim.

375 RGS, Vila Manresa p. P. Alegre, NEL, in subpaludosis, 16.11.1932, fl.

4006 Uruguay, Cuñapirú p. Rivera, in paludosis, 12.1.1941, fl.

7348 RGS, S. Leopoldo, NEL, in silva paludosa, 1907, fl., leg. F. Theissen SJ.

10143 RGS, Ijuisinho p. Tupanciretan, NWH, in silva subpaludosa, 30.1.1942, folium.

25019 RGS, S. Leopoldo, NEL, in paludosis, 1943, fl., leg. A. Reckziegel.

26308 RGS, Fazenda do Jarau p. Quaraí, SW, in silvula paludosa 1.1945, fl.

- 29284** RGS, Vila Manresa p. P. Alegre, NEL, in silva subpaludosa, 16.10.1945, fl.
- 31642** RGS, ibidem, 12.12.1945, fl., fr. juvenili.
- 32627** RGS, Pareci p. Montenegro, NEL, in silva paludosa, 20.10.1945, fl., leg. E. Henz SJ.
- 34322** RGS, Kappesberg p. Montenegro, NES, in silva paludosa, 1946, fl., leg. E. Friderichs SJ.
- 35491** RGS, S. Leopoldo, NEL, in silva paludosa, 6.11.1946, fl., leg. E. Henz SJ.
- 38310** RGS, Esteio p. S. Leopoldo, NEL, in palude, 24.11.1948, fl.
- 39421** RGS, Lamí p. Itapoan, NEL, in silva subpaludosa, 3.1.1949, fr.
- 41163** RGS, Ilha da Pintada p. P. Alegre, 20.4.1949, fl.
- 44550** RGS, Osório, NEC, in silva paludosa, 24.11.1949, fl.
- 48065** RGS, Kappesberg p. Montenegro, NES, in silva paludosa, 15.11.1948, fl., leg. A. Sehnem SJ 3521.
- 49155** RGS, Esteio p. S. Leopoldo, NEL, in silva paludosa, 20.11.1950, fl.
- 49267** RGS, Gravataí p. P. Alegre, NEL, in silva paludosa, 1.12.1950, fl.
- 53356** RGS, Caaró p. S. Luiz, NWH, in silvula paludosa, 24.11.1952, fl.
- 56658** RGS, Vila Oliva p. Caxias, NEH, in silva paludosa, 8.2.1955, fl.
- 57520** RGS, Estação de Silvicultura p. Sta. Maria, CL, in silva paludosa, 30.11.1955, fl., leg. O. Camargo 69.
- 59063** RGS, Pestana p. Ijuí, NWH, in paludosis, 5.11.1953, fl., leg. J. Pivetta 1032.
- 61470** RGS, Taquarí, CL, in silva paludosa, 14.12.1957, fl., leg. O. Camargo 2927.
- 61498** RGS, ibidem, 14.12.1957, fl., leg. O. Camargo 2790.
- 62713** RGS, P. Alegre, NEL, in paludosis, 2.11.1957, fl., leg. O. Camargo 2367.

Habit: Distorted and gnarled tree up to 10 m high.

Habitat: Swampy woodlets and thickets; swamp parks.

Distribution in RGS: Swamps of the whole of the Campos area, except for the highest and coldest quarters of the northeastern Highlands.

General distribution: From Minas Gerais and Paraguay down to northern Argentina, Uruguay and RGS.

Erythrina falcata Bentham,

FB 15,1 (1859) 172; Burkart, Leg. Arg. (1952) 388; Kruckoff, Brittonia 3,2 (1939) 232; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 125 et passim.

826 RGS, ad montem Itacolumí p. Gravataí, NEL, in silva campestri, 7.9.1933, fl.

9349 RGS, Tupanciretan, NWH, in silva campestri, 26.1.1942, ster.

11036 RGS, Cerrado Largo p. S. Luiz, NWH, in silva pluviali, 1.1943, ster., leg. P. Buck SJ.

- 29283** RGS, Vila Nova p. P. Alegre, NEL, culta, 16.10.1945, fl.
- 32717** RGS, Parecí p. Montenegro, NEL, in silva, 19.9.1945, fl., leg. E. Henz SJ.
- 37123** RGS, Cristal p. P. Alegre, NEL, culta, 1947, fr. maturo, leg. Scalco.
- 43871** RGS, ad fl. Caí inferius, NEL, in silva, 12.10.1949, fl.
- 48066** RGS, Kappesberg p. Montenegro, NES, in silva, 15.11.1948, fl., leg. A. Sehnem SJ 3520.
- 51314** RGS, P. Alegre, NEL, culta, 1950, fl., leg. G. C. Leal.
- 59064** RGS, Pestana p. Ijuí, NWH, in silvâ, 7.9.1953, fl., leg. J. Pivetta 1033.
- 60365** RGS, Estação de Silvicultura p. Sta. Maria, CL, in silva, 10.4.1956, ster., leg. O. Camargo 532.

Habit: Tall tree in the mature rain forest, up to 25 m high.

Habitat: Northern rain forest area, radiating to Campos forests.

Distribution in RGs: Thrcugh the whole of the northern rain forest area.

General distribution: From Perú and Central Brazil to northern Argentina and RGS.

GALACTIA P. Br.

Galactia diversifolia (Benth.) Taub.,

- NP 3,3 (1892) 368; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 135.
— Collaea diversifolia Benth., FB 15,1 (1859) 147.

- 35021** RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus saxis dumosis, 11.1.1947, fl., fr. maturo.

Habit: Woody, erect, abundantly branched from a rootstock, branches up to 40 cm high.

Habitat: Dry, stony, shrubby Campos.

Distribution in RGs: One only findplace in the northeastern Highlands.

General distribution: From Minas Gerais to RGS.

Galactia gracillima Bentham,

- FB 15,1 (1859) 142; Herter, Flor. Urug. (1930) 70; Malme, Ark. f. Bot. 23A, n. 13 (1931) 34; Burkart, Leg. Arg. (1952) 411; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 125 et passim.

- 30926** RGS, Vila Oliva p. Caxias, NEH, in campestribus siccis graminosis, 1.1.1946, ster.

- 32820** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 12.12.1945, fl.

- 34385** RGS, Espírito Santo p. P. Alegre, NEL, in campestribus siccis graminosis, 11.1946, fl., leg. K. Emrich.

35019 RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus siccis subdumosis, 11.1.1947, fl.

37267 Paraná, Curitiba, in campestribus subdumosis, 23.1.1947, fl., fr. semievoluto, leg. G. Hatschbach 604, det. Burkart.

Habit: Root bulbous, stem very thin, thread like, winding, up to 30 cm high.

Habitat: Dry, grassy, slightly shrubby Campos.

Distribution in RGS: Northeastern Highlands and Lowlands.

General distribution: From S. Paulo and northeastern Argentina to RGS, and Uruguay.

Galactia immarginata Dusén,

Ark. f. Bot. 9, n. 15 (1910) 6, tab. 3, fig. 2; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 125 et passim.

35067 RGS, Fazenda da Ronda p. Vacaria, NEH, in saxosis alte dumosis, 11.1.1947, fl., fr.

60428 RGS, Estação de Silvicultura p. Sta. Maria, CL, in campestribus siccis dumosis, 10.4.1956, fr., leg. O. Camargo 466.

Habit: Prostrate to winding, up to 1 m long.

Habitat: Dry, stony, shrubby Campo.

Distribution in RGS: Two widely distant findplaces only.

General distribution: From Paraná to RGS.

Galactia marginalis Bentham,

Ann. Mus. Vindob. 2 (1838) 126; FB 15,1 (1859) 141; Herter, Flor. Urug. (1930) 70; Malme, Ark. f. Bot. 23A, n. 13 (1931) 34; Burkart, Leg. Arg. (1952) 410; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 125 et passim.

1370 RGS, sine die, sine loco, fl.

2698 RGS, Montserrat p. P. Alegre, NEL, in campestribus siccis graminosis, 2.6.1942, fl., leg. K. Emrich.

3150 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 17.11.1935, fl.

3930 RGS, Morro Vigia p. Livramento, SW, in campestribus siccis graminosis, 12.1.1941, fr. submaturo.

4227 Barra do Quaraí p. Uruguiana, SW, in campestribus siccis subdumosis, 15.1.1941, fl.

4693 RGS, Salto Mucunan in fl. Uruguay, NWU, in rupestribus dumosis, 10.3.1941, fr. aperto.

8356 RGS, Montserrat p. P. Alegre, NEL, in campestribus siccis dumosis, 1.12.1941, fl., leg. K. Emrich.

10182 RGS, ibidem, 1.3.1942, fl., fr. semievoluto, leg. K. Emrich.

11040 RGS, ibidem, 1943, fl., leg. K. Emrich.

25028 RGS, S. Leopoldo, NEL, in campestribus siccis subdumosis, 1943, fl., leg. A. Reckziegel.

26270 RGS, Fazenda do Jarau p. Quaraí, SW, in campestribus siccis graminosis, 1.1945, fl.

29411 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 7.11.1945, fl., fr.

52501 RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis graminosis, 22.1.1948, fl.

Habit: Very small, sometimes less than 10 cm high, erect to winding, root beetlike.

Habitat: Dry, grassy to slightly shrubby Campos.

Distribution in RGS: Through the whole of the Campos area, easily overseen, absent perhaps from the highest and coldest quarters of the northeastern Highlands.

General distribution: From Bahia to northern and central Argentina, RGS, and Uruguay.

Galactia martii (Benth.) Taub.,

NP 3,3 (1892) 368; Burkart, Leg. Arg. (1952) 411; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 125 et passim. — Collaea martii Benth., Ann. Mus. Vindob. 2 (1838) 129; FB 15,1 (1859) 152; Herter, Flor. Urug. (1930) 70; Malme, Ark. f. Bot. 23A, n. 13 (1931) 90.

9248 RGS, Jarí p. Tupanciretan, NWH, in silvula campestri scandens, 26.1.1942, fl.

Habit: Winding, up to 1 m high.

Habitat: Shrubby, dry Campo.

Distribution in RGS: One only findplace in the Northwest.

General distribution: From Minas Gerais to Misiones and RGS.

Galactia neesii DC.,

Prodr. 2 (1825) 238; Herter, Flor. Urug. (1930) 70; Malme, Ark. f. Bot. 23A, n. 13 (1931) 34; Burkart, Leg. Arg. (1952) 460; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 125 et passim. — Collaea neesii (DC.) Bentham, Ann. Mus. Vindob. 2 (1838) 129; FB 15,1 (1859) 152, tab. 40.

8145 RGS, sine loco, sine die, fl.

11043 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus saxosis, 1943, fl.

11800 RGS, ibidem, 1943, fl.

25046 RGS, S. Leopoldo, NEL, in siccis dumosis, 1943, ster., leg. A. Reckziegel.

26293 RGS, Fazenda do Jarau p. Quaraí, SW, in rupestribus dumosis, 1.1945, fl.

26990 RGS, Morro da Polícia p. P. Alegre, NEL, in saxosis dumosis, 10.1944, fl.

27103 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus saxosis, 10.1944, fl.

28680 RGS, Espírito Santo p. P. Alegre, NEL, in rupestribus dumosis, 30.1.1945, fl., leg. K. Emrich.

- 29386** RGS, Vila Manresa p. P. Alegre, NEL, in rupestribus subnudis, 3.11.1945, fl., det. Burkart.
- 30768** RGS, Vila Oliva p. Caxias, NEH, in campestribus saxosis, 29.1.1946, ster.
- 34381** RGS, Espírito Santo p. P. Alegre, NEL, in fissuris rupium, 14.1.1946, fl., leg. K. Emrich.
- 35043** RGS, Fazenda da Ronda p. Vacaria, NEH, in rupestribus parce humosis, 11.1.1947, ster.
- 35830** RGS, Espírito Santo p. P. Alegre, NEL, in fissuris rupium, 30.11.1946, fl., leg. K. Emrich.
- 36187** RGS, Cambará p. S. Francisco de Paula, NEH, in rupestribus, 2.1948, fr. semievoluta.
- 37049** RGS, Espírito Santo p. P. Alegre, NEH, in rupestribus siccis dumosis, 12.10.1947, fl., leg. K. Emrich.
- 37776** RGS, Vila Manresa p. P. Alegre, NEL, in rupestribus, 1.10.1948, fl.
- 37859** RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis saxosis, 6.11.1948, fl.
- 39218** RGS, Espírito Santo p. P. Alegre, NEL, in campestribus siccis valde saxosis, 24.12.1948, fl., fr.
- 44478** RGS, Granya Neugebauer p. Itapoan, NEL, in campestribus siccis saxosis, 19.11.1949, fl.
- 54890** RGS, Vila Manresa p. P. Alegre, NEL, in rupestribus aperte dumosis, 24.2.1954, ster.
- 55981** RGS, ibidem, 19.11.1954, fl.

Habitat: Small shrub, abundantly branched from a rootstock, wiry branches up to 30 cm high.

Habitat: Rifts of rocky, almost bare, outcrops.

Distribution in RGS: Through the whole of the Campos area, but nowhere frequent.

General distribution: From Minas Gerais to Misiones, RGS and Uruguay.

Galactia pretiosa Burkart,

Darwiniana 9 (1949) 93, fig. 10; Leg. Arg. (1952) 410; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 125 et passim.

- 1906** RGS, Estação Azevedo p. Montenegro, NEL, in campestribus siccis graminosis, 24.4.1935, fl., fr. submaturo.
- 28340** RGS, Nonoai ad fl. Uruguay, NWU, in campestribus siccis graminosis, 3.1945, fr. maturo.
- 30759** RGS, Vila Oliva p. Caxias, NEH, in campestribus siccis graminosis, 29.1.1956, fl.
- 35060** RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus siccis graminosis, 11.1.1947, fl., fr. juvenili.
- 36190** RGS, Cambará p. S. Francisco de Paula, NEH, in campestribus siccis graminosis, 2.1948, fl.
- 38618** RGS, Môrro da Polícia p. P. Alegre, NEL, in campestribus siccis graminosis, 22.11.1948, fl.

Habit: Root napiform, stem slender, wiry, up to 30 cm high.

Habitat: Very dry, grassy, Campos.

Distribution in RGS: Campos area of the northern half of the State.

General distribution: From Paraguay and Paraná to Misiones and RGS.

Galactia scarlatina (Mart.) Taub.,

NP 3,3 (1892) 368; Malme, Ark. f. Bot. 23A, n. 13 (1931) 35; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 125. — *Collaea scarlatina* Mart. ap. Benthon, FB 15,1 (1859) 152.

50030 RGS, Soledade, CH, ad rivum in alte dumosis, 13.2.1951, fl.

Habit: Low climber, up to 2 m high.

Habitat: Swampy thicket along a stream.

Distribution in RGS: Central Highlands; Central Lowlands and southeastern Hill lands (Malme).

General distribution: From Minas Gerais to RGS.

Galactia stenophylla Hook. et Arn.,

Bot. Misc. 3 (1832) 182; Herter, Flor. Urug. (1930) 70; Malme, Ark. f. Bot. 23A, n. 13 (1931) 34; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 125 et passim. — *Collaea stenophylla* (Hook. et Arn.) Benthon, FB 15,1 (1859) 146; Burkart, Leg. Arg. (1952) 412.

383 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus saxosis dumosis, 19.11.1932, fr. semievoluto.

4516 RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in campestribus siccis dumosis, 8.2.1941, fl.

4762 RGS, Rio Guira p. S. Francisco de Paula, NEH, in campestribus siccis dumosis, 10.2.1941, fl.

4815 RGS, Passo do Inferno p. Canela, NEH, in campestribus siccis dumosis, 10.2.1941, fl.

7332 RGS, S. Leopoldo, NEL, in campestribus siccis dumosis, 1907, fl., leg. F. Theissen SJ.

8903 RGS, Bom Jesus, NEH, in campestribus dumosis, 15.1.1942, fl.

10031 RGS, Ijuisinho p. Tupanciretan, NWH, in campestribus siccis graminosis, 30.1.1942, fl.

10071 RGS, ibidem, 30.1.1942, fl.

25319 RGS, S. Leopoldo, NEL, in campestribus, 1907, fl., leg. F. Theissen SJ.

26910 RGS, P. Alegre, NEL, in campestribus dumosis, 1944, fr. sub-maturo, leg. K. Emrich.

26985 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 10.1944, fl.

27199 RGS, ibidem, 10.1944, fl.

29117 RGS, ibidem, 12.9.1945, fl., det. Burkart.

- 30088** RGS, ibidem, 1945, fl., leg. P. Buck SJ.
- 30753** RGS, ibidem, 1945, fl., leg. P. Buck SJ.
- 30753** RGS, Vila Oliva p. Caxias, NEH, in siccis dumosis, 29.1.1946, fl.
- 32017** RGS, Curralinhos p. Torres, NEC, in arenosis dumosis, 7.12.1944, fl., leg. R. Reitz 884.
- 33016** RGS, S. Leopoldo, NEL, in campestribus siccis dumosis, 29.12.1945, fl., fr. submaturo., leg. A. Schuster SJ.
- 35021** RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus siccis dumosis, 11.1.1947, fl.
- 35742** RGS, Kappesberg p. Montenegro, NEL, ad viam ferream, 27.12.1946, fl., fr. juvenili, leg. E. Henz SJ.
- 36188** RGS, Cambará p. S. Francisco de Paula, NEH, in campestribus dumosis, 2.1948, fl.
- 37566** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus saxosis, 5.9.1948, fl.
- 38889** RGS, S. Leopoldo, NEL, in arenosis dumosis, 17.12.1948, fl.
- 38980** RGS, Chácara Weber p. Itapoan, NEL, in campestribus sparse dumosis, 18.12.1948, fl.
- 39023** RGS, in summo monte Steinkopf p. S. Leopoldo, NEL, in rupestribus aperte dumosis, 20.12.1948, fl.
- 39438** RGS, Teresópolis p. P. Alegre, NEL, in campestribus siccis dumosis, 4.1.1948, fl., fr. maturo.
- 39636** RGS, Cachoeirinha p. Gravataí, NEL, in campestribus siccis subdumosis, 7.1.1949, fl.
- 39659** RGS, Morro das Abertas p. P. Alegre, NEL, in rupestribus dumosis, 9.1.1949, fl.
- 44459** RGS, Granja Neugebauer p. P. Alegre, NEL, in campestribus alte dumosis, 19.11.1949, fl.
- 45244** RGS, Fazenda do Arroio p. Osório, NEC, in arenosis dumosis, 4.1.1950, fl.
- 45814** RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus dumosis, 16.2.1950, fl., fr. juvenili.
- 48839** RGS, Granja Neugebauer p. Itapoan, NEL, in campestribus alte dumosis, 27.9.1950, fl.
- 50179** RGS, Caracol p. Canela, NEH, in dumosis, 28.1.1951, fl., leg. K. Emrich.
- 50581** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis dumosis, 3.2.1950, fl., leg. A. Sehnem SJ 4366.
- 50594** RGS, Campestre p. Montenegro, NES, in secundariis, 1.3.1950, fl., leg. A. Sehnem SJ 4440.
- 51641** RGS, Passo do Socorro p. Vacaria, NEH, in campestribus dumosis, 27.12.1951, fl.
- 52801** RGS, Caracol p. Canela, NEH, in dumosis, 15.2.1953, fl., leg. K. Emrich.
- 56013** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus dumosis, 19.11.1954, fl.
- 56580** RGS, Passo do Inferno p. Canela, NEH, in campestribus saxosis, 9.1.1955, fl.

57868 RGS, Pestana p. Ijuí, NWH, in campestribus dumosis, 26.1. 1955, fl., leg. J. Pivetta 1023.

58666 RGS, Estação de Silvicultura p. Sta. Maria, CL, in campestribus dumosis, leg. O. Camargo 54.

Habit: Woody shrub, erect, branched from the base, up to 1,5 m high.

Habitat: Dry, shrubby Campos.

Distribution in RGS: Through the whole of the Campos area.

General distribution: From Minas Gerais to northeastern Argentina, RGS, and Uruguay.

***Galactia virgata* (Benth.) Taub.,**

NP 3,3 (1893) 368; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 125.
— *Collaea virgata* Bentham, FB 15,1 (1859) 146.

11027 RGS, Sta. Maria, CL, in campestribus siccis dumosis, 18.1. 1936, fl., leg. W. Rau.

11722 RGS, in summo monte Sapucaia p. S. Leopoldo, NEL, in rupestribus dumosis, 9.1943, fr.

25025 RGS, S. Leopoldo, NEL, in campestribus siccis dumosis, 1943, fl., leg. A. Reckziegel.

26854 RGS, Pedra Redonda p. P. Alegre, NEL, in rupestribus dumosis, 18.12.1936, fl., leg. K. Emrich.

27007 RGS, Morro da Polícia p. P. Alegre, NEL, in saxosis, 10. 1944, fl.

29536 RGS, in summo monte Sapucaia p. S. Leopoldo, NEL, in rupestribus dumosis, 5.9.1945, fl.

33464 RGS, S. Leopoldo, NEL, in campestribus dumosis, 25.7.1946, fl. nondum aperto, leg. E. Henz SJ.

34388 RGS, Espírito Santo p. P. Alegre, NEL, in campestribus dumosis, 14.11.1946, fl., leg. K. Emrich.

37500 RGS, in summo monte Sapucaia p. S. Leopoldo, NEL, in rupestribus sparse dumosis, 5.9.1948, fl., fr.

38573 RGS, ibidem, 7.12.1949, fl.

40801 RGS, ibidem, 1.4.1949, fr. submaturo.

57452 RGS, ibidem, 9.10.1955, fl.

Habit: Very similar to the preceding, perhaps not really distinct.

Habitat: Dry, rocky, shrubby places.

Distribution in RGS: Northeastern Lowlands and central Campos.

General distribution: From Minas Gerais to RGS.

***INDIGOFERA* L.**

***Indigofera asperifolia* Bong.**

Ap. Benth. in Taylor Ann. Nat. Hist. Ser. 1,3 (1839) 431; Bentham, FB 15,1 (1859) 38; Herter, Flor. Urug. (1930) 70; Malme, Ark. f.

Bot. 23A, n. 13 (1931) 19; Burkart, Darwiniana 4 (1942) 166, fig. 3c;
Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 125 et passim.

- 1235** RGS, Canoas p. P. Alegre, NEL, in campestribus siccis graminosis, 8.9.1935, fl.
1369 RGS, sine loco, sine die, fl.
2179 RGS, S. Leopoldo, NEL, in dumosis subhumidis, 27.11.1935, fl. (f. longepedunculata Malme).
4013 RGS, Barra do Quaraí p. Uruguaiana, SW, in siccis dumosis, 14.1.1941, fl.
26029 RGS, Fazenda do Jarau p. Quaraí, SW, in campestribus siccis graminosis, 1.1945, ster.
27026 RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis dumosis, 10.1944, fl.
29129 RGS, Vila Manresa p. P. Alegre, NEL in campestribus siccis graminosis, 12.9.1945, fl., det. Burkart.
33897 RGS, ibidem, 25.9.1946, fl.
34165 RGS, ibidem, 16.10.1946, fl.
34485 RGS, Cérro Largo p. S. Luiz, NWH, in dumosis humidis, 6.12. 1946, fl., leg. Irm. Augusto (f. longepedunculata Malme).
35055 RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus siccis saxosis, 13.1.1947, fl., fr. maturo.
37905 RGS, Morro da Policia p. P. Alegre, NEL, in campestribus, 8. 11.1948, fl.
38331 RGS, Esteio p. S. Leopoldo, NEL, in humidis dumosis, 24.11. 1948, fl. (f. longepedunculata Malme).
38746 RGS, Rio dos Sinos p. S. Leopoldo, NEL, in subpaludosis dumosis, 10.12.1948, fl. (f. longepedunculata Malme).
51518 RGS, Passo do Socorro p. Vacaria, NEH, in campestribus siccis graminosis, 26.12.1951, fl.
53027 RGS, Sto. Angelo, NWH, in campestribus graminosis, 17.11. 1952, fl.
63152 RGS, S. Borja, SW, in campestribus graminosis, 1957, fl., leg. A. Spies.
63225 RGS, Uruguaiana, SW, in campestribus, 1957, fl., leg. A. Spies.
63599 RGS, Fazenda do Arroio p. Osório, NEC, in arenosis, 23.1. 1958, fl.

Habit: Sparingly branched from a rootstock; branches prostrate, up to 30 cm long.

Habitat: Very dry, grassy to sparsely shrubby Campos; the f. longepedunculata Malme always in wet places; perhaps better an independent species.

Distribution in RGS: Over the whole of the Campos area.

General distribution: From Paraguay and South Brazil to northern Argentina, RGS, and Uruguay.

Indigofera campestris Bong.,

ap. Bentham, FB 15,1 (1859) 38; Malme, Ark. f. Bot. 23A, n. 13 (1931) 20; Burkart, Leg. Arg. (1952) 247; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 125 et passim.

- 41341** RGS, Morretes p. P. Alegre, NEL, in arenosis subnudis, 2.5. 1949, ster.
- 60312** RGS, S. Bernardo p. Ijuí, NWH, in campestribus siccis, 8.1. 1957, fr.
- 63701** RGS, Taquarí, CL, in campestribus siccis, 10.12.1957, fl., fr., leg. O. Camargo.

Habit: Prostrate to ascending, branches up to 50 cm long.

Habitat: Dry, sandy, more or less bare places.

Distribution in RGS: Northwestern Highlands, northeastern Lowlands.

General distribution:* From Minas Gerais and Paraguay to northern Argentina and RGS.

Indigofera sabulicola Bentham,

FB 15,1 (1859) 40; Malme, Ark. f. Bot. 23A, n. 13 (1931) 20; Burkart, Darwiniana 4 (1942) 159, fig. 3a; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 126 et passim.

- 373** RGS, Tramandaí, NEC, ad litus in arenosis, 12.2.1932, fl.
- 26428** RGS, Fazenda das Almas p. Palmares, NEL, in siccis arenosis, 1.1945, fl., fr. maturo, leg. P. Buck SJ.
- 44549** RGS, Osório, NEC, in arenosis subhumidis, 24.11.1949, fl.
- 45859** RGS, Lagoa dos Quadros p. Torres, NEC, in siccis arenosis, 2.2.1950, fl.
- 46762** RGS, Fazenda do Arroio p. Osório, NEC, in arenosis siccis, 14. 4.1950, fl., fr. maturo.
- 51819** RGS, Morro Grande p. Osório, NEC, in arenosis dumosis, 10. 1.1952, fl., fr.
- 54807** RGS, Torres, NEC, prope litus in arenosis, 11.2.1954, fl., fr.

Habit: Prostrate to ascending, abundantly branched, branches up to 50 cm long.

Habitat: Dry, sandy plains.

Distribution in RGS: Coastal strip only.

General distribution: From Mexico to northern Argentina and RGS.

Indigofera suffruticosa Mill.,

Gard. Dict. ed. 8, 2 (1768); Burkart, Darwiniana 4 (1942) 151, fig 2,a; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 126. — Indigofera anil L., Mant. pl. altera (1771) 272; Bentham, FB 15,1 (1859) 41; Herter, Flor. Urug. (1930) 70; Malme, Ark. f. Bot. 23A, n. 13 (1931) 20.

- 376** RGS, Vila Manresa p. P. Alegre, NEL, in incultis, 5.11.1932, fl., fr.

3839 RGS, Forqueta p. Montenegro, NES, ad viam, 5.1.1941, fl.

11788 RGS, Vila Manresa p. P. Alegre, NEL, in incultis, 1943, fl.

26437 RGS, Fazenda das Almas p. Palmares, NEL, in arenosis dumosis, 1.1945, fl., leg. P. Buck SJ.

- 30538** SC, Sombrio p. Araranguá, ad lacum in dumosis, 2.6.1944, fr. leg. R. Reitz 1153.
- 31413** SC, ibidem, 31.1.1946, fl., fr.
- 32726** RGS, Pareci p. Montenegro, NEL, in ruderatis, 10.10.1945, leg. E. Henz SJ.
- 39861** RGS, ad montem Ferrabraz, NEL, in incultis, 12.1.1949, fr.
- 40143** RGS, Guaíba p. P. Alegre, NEL, in arenosis ad flumen, 24.1.1949, fl.
- 41283** RGS, Morro Sta. Teresa p. P. Alegre, NEL, in incultis dumosis, 28.4.1949, fl., fr.
- 41597** RGS, ad montem Ferrabraz p. Novo Hamburgo, NEL, in secundariis, 16.5.1949, fl., fr.
- 41747** RGS, Fião p. S. Leopoldo, NEL, in incultis, 29.5.1949, fl.
- 43216** RGS, ad montem Ferrabraz p. Novo Hamburgo, NEL, in secundariis, 2.9.1949, fl.
- 44198** RGS, Morro Santana p. P. Alegre, NEL, in secundariis, 2.11.1949, fl.
- 44407** RGS, Fião p. S. Leopoldo, NEL, in incultis, 14.11.1949, fl., fr.
- 45104** RGS, Fazenda do Arroio p. Osório, NEC, in arenosis, 4.1.1950, fl.
- 46633** RGS, Barra do Ribeiro p. P. Alegre, NEL, in dumosis, 5.4.1950, fl., fr.
- 47068** RGS, Lagoa da Pinguela p. Osório, NEC, ad viam, 8.5.1950, fl.
- 48776** RGS, Lagoa dos Quadros p. Torres, NEC, in arenosis, 18.1.1951, fl., fr.
- 48908** RGS, Osório, NEC, in arenosis dumosis, 2.10.1950, fl.
- 51006** RGS, Lagoa dos Quadros p. Torres, NEC, in tritis, 19.1.1951, fl., fr.
- 51156** Paraná, Paranaí, in secundariis, 23.7.1949, fl., fr., leg. G. Hatschbach 1410.
- 52500** RGS, Montserrat p. P. Alegre, NEL, in incultis, 24.8.1945, fl., fr., leg. K. Emrich.
- 63937** RGS, Pelotas, SEC, in incultis, 7.3.1956, fr., leg. J. Sacco 526.

Habit: Suffruticose, erect, up to 1,5 m high.

Habitat: Always on disturbed soil.

Distribution in RGS: Through the whole of the cultivated area.

General distribution: From Mexico to B. Aires and Uruguay.

LATHYRUS L.

Lathyrus crassipes Gill.

ap. Hook. et Arn. Bot. Misc. 3 (1833) 198; Burkart, Rev. Arg. Agron. Vet. Entr. 1 Vol. 8 (1935) 65; Burkart, Leg. Arg. (1952) 364; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 111 et passim. — *Lathyrus stipularis* Presl, Weitzenweb. Beitr. 2 (1837) 30; Bentham, FB 15,1 (1859) 116; Malme, Ark. f. Bot. 23A, n. 13 (1931) 32.

- 786** RGS, Canoas p. P. Alegre, NEL, in campestribus graminosis, 2. 11.1933, fl.
- 1364** RGS, Vila Manresa p. P. Alegre, NEL, in graminosis, 12.10. 1933, fl.
- 26708** RGS, Cérro Largo p. S. Luiz, NWH, in campestribus graminosis, 8.1944, fl., leg. E. Friderichs SJ.
- 43627** RGS, Morro da Polícia p. P. Alegre, NEL, 28.9.1949, fl., fr. juvenili.
- 43902** RGS, ad fl. Caí inferior p. P. Alegre, NEL, in arenosis siccis, 12.10.1949, fl., fr. semievoluta.
- 44067** RGS, Barreto Vianna p. S. Leopoldo, NEL, in campestribus dumosis, 24.10.1949, fl., fr. submaturo.
- 44301** RGS, Esteio p. S. Leopoldo, NEL, in campestribus dumosis, 8. 11.1949, fr. maturo.
- 48913** RGS, Osório, NEC, in arenosis humidis dumosis, 2.10.1950, fl.
- 48957** RGS, Granja Neugebauer p. Itapoan, NEL, in arenosis dumosis, 11.10.1950, fl.
- 61327** RGS, Pestana p. Ijuí, NWH, in campestribus, 19.9.1956, fl., leg. J. Pivetta 1235.

Habit: Herbaceous, erect, abundantly branched from the base, branches up to 30 cm high.

Habitat: Wet to dry, grassy, Campos.

Distribution in RGS: Over most of the Campos area.

General distribution: From Colombia to RGS, Uruguay and Patagonia.

Lathyrus linearifolius Vog.,

Linnaea 13 (1839) 28; Bentham, FB 15,1 (1859) 114; Herter, Flor. Urug. (1930) 70; Malme, Ark. f. Bot. 23A, n. 13 (1931) 31; Burkart, Rev. Agron. Vet. entr. 1 vol. 8 (1935) 78; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 111 et passim.

8784 RGS, Bom Jesus, NEH, in campestribus siccis graminosis, 15. 1.1942, fl.

8964 RGS, ibidem, 15.1.1942, fl.

35029 RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus siccis subdumosis, 11.1.1947, fl., fr. submaturo.

Habit: Erect, slender, wiry, up to 1 m high.

Habitat: Dry, more or less open or shrubby, Campos.

Distribution in RGS: Northeastern Highlands; Pelotas (Sellow).

General distribution: South Brazil to Uruguay.

Lathyrus macrostachys Vog.,

Linnaea 13 (1839) 111; Burkart, Rev. Agron. Vet. entr. 1 vol. 8 (1935) 111, fig 15; Darwiniana 6 (1942) 23; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 111 et passim. — L. magellanicus Bentham p. p., FB 15, 1 (1859) 115.

785 RGS, Morro da Polícia p. P. Alegre, NEL, in *campestribus dumosis*, 2.11.1931, fl.

Habit: Low, herbaceous climber.

Habitat: Dry, shrubby Campo.

Distribution in RGS: One only findplace; Reineck et Czermak 600 is from the same place.

General distribution: Northern and northeastern Argentina to RGS.

***Lathyrus magellanicus* Lam.,**

Enc. méth. 2 (1786–1788) 708; Bentham, FB 15-1 (1859) 115; Herter, Flor. Urug. (1930) 70; Malme, Ark. f. Bot. 23A, n. 13 (1931) 32; Burkart, Rev. Agron. Vet. entr. 1 vol. 8 (1935) 102; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 111.

7325 RGS, S. Leopoldo, NEL, in *campestribus dumosis*, 1907, fl., leg. F. Theissen SJ.

8575 RGS, Rio dos Touros p. Bom Jesus, NEH, in *subpaludosis dumosis*, 13.1.1942, fl., fr.

30754 RGS, Vila Oliva p. Caxias, NEH, in *paludosis alte dumosis*, 29.1.1945, fr.

34525 Paraná, S. José dos Pinhais p. Curitiba, in *paludosis dumosis*, 19.11.1946, fl., leg. G. Hatschbach 533.

35040 RGS, Fazenda da Ronda p. Vacaria, NEH, in *paludosis alte dumosis*, 11.1.1947, fr.

44681 RGS, Vila Oliva p. Caxias, NEH, in *paludosis alte dumosis*, 3.12.1949, fl.

48348 SC, Campo dos Padres p. Bom Retiro, in *paludosis dumosis*, 16.12.1948, fl., leg. R. Reitz 3401, det. Burkart.

49355 RGS, Taimbesinho p. S. Francisco de Paula, NEH, in *paludosis alte dumosis*, 18.12.1950, fl.

50936 RGS, ibidem, 18.12.1950, fl., leg. A. Sehnem SJ 5178.

54544 RGS, ibidem, in *humidis dumosis*, 13.11.1953, fl.

Habit: Half upright, half climbing, up to 1 m high.

Habitat: Densely vegetated swamps.

Distribution in RGS: Apparently over the whole of the Campos area, more frequent in the northeastern Highlands.

General distribution: From the southern Andes to Central Argentina, Uruguay and RGS.

***Lathyrus nervosus* Lam.,**

Enc. méth. Bot. 2 (1786–1788) 708; Bentham, FB 15,1 (1859) 115; Herter, Flor Urug. (1930) 70; Malme, Ark. f. Bot. 23A, n. 13 (1931) 31; Burkart, Rev. Agr. Vet. entr. 1 vol. 8 (1935) 96; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 111 et passim.

1388 RGS, Sapucaia p. S. Leopoldo, NEL, in *dumosiſ*, 17.10.1934, fl.

9015 RGS, Bom Jesus, NEH, in *campestribus dumosis*, 16.1.1942, ster.

- 25260** RGS, S. Leopoldo, NEL, in dumosis, 1907, fl., leg. F. Theissen SJ.
- 26579** RGS, Parecí p. Montenegro, NEL, in campestribus dumosis, 1944, fl., leg. E. Henz SJ.
- 32521** RGS, Zimmersberg p. Montenegro, NEL, in campestribus dumosis, 17.10.1945, ster., leg. E. Henz SJ.
- 32702** RGS, ibidem, 17.10.1945, fr. submaturo, leg. E. Henz SJ.
- 35028** RGS, Fazenda da Ronda p. Vacaria, NEH, in dumosis, 11.1.1947, fr.
- 36191** RGS, Cambará p. S. Francisco de Paula, NEH, in dumosis subpaludosis, 2.1948, fr.
- 37956** RGS, Sapucaia p. S. Leopoldo, NEL, in dumosis, 10.11.1948, fl.
- 39028** RGS, ad montem Steinkopf p. S. Leopoldo, NEL, in campestribus dumosis, 20.12.1948, fr.
- 44014** RGS, Morro do Osso p. P. Alegre, NEL, in campestribus dumosis, 21.10.1949, fl.
- 51535** RGS, Passo do Socorro p. Vacaria, NEH, in campestribus dumosis, 26.12.1951, fl., fr.

Habit: Half upright, half climbing, up to 2 m high.

Habitat: Dry, shrubby Campos.

Distribution in RGS: Apparently over the whole of the Campos area.

General distribution: From Chile and Patagonia through Central Argentina to Uruguay and southern Brazil up to Paraná.

Lathyrus pubescens Hook. et Arn.,

Bot. Beech. Voy. (1831) 21; Bentham, FB 15,1 (1859) 114; Herter, Flor. Urug. (1930) 70; Malme, Ark. f. Bot. 23A, n. 13 (1931) 31; Burkart, Rev. Agron. Vet. entr. 1 vol. 8 (1935) 84; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 111 et passim.

- 4151** RGS, Rio Garopá p. Quaraí, SW, ad rivum in dumosis, 14.1.1941, fl.
- 7324** RGS, S. Leopoldo, NEL, in campestribus dumosis, 1907, fl., leg. F. Theissen SJ.
- 26055** RGS, Fazenda do Jarau p. Quaraí, SW, in campestribus dumosis, 1.1945, juvenilis.
- 30137** RGS, P. Alegre, NEL, in campestribus dumosis, sine die, fl. leg. K. Emrich.
- 33088** Uruguay, Juan Jackson p. Soriano, in dumosis, 4.11.1945, fl., leg. et det. B. Rosengurtt PE-4407.
- 35529** RGS, S. Leopoldo, NEL, in campestribus dumosis, 10.10.1946, fl., leg. Weber SJ.
- 62046** RGS, Farroupilha, NEH, in dumosis, 8.10.1957, fl., leg. O. Camargo 1999.

Habit: Erect or half climbing, up to 1 m high.

Habitat: Dry, shrubby Campo.

Distribution in RGS: Apparently over the whole of the Campos area, not frequent.

General distribution: From Chile and Patagonia through central and northern Argentina to Uruguay and southern Brazil up to Paraguay.

Lathyrus sessilifolius Hook. et Arn.,

Bot. Beech. Voy. (1831) 20; Bentham, FB 15,1 (1859) 115 (sub. L. magellanicus Lam.); Herter, Flor. Urug. (1930) 70 (sub. L. magellanicus Lam.); Burkart, Rev. Agron. Vet. entr. 1 vol. 8 (1935) 114; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 111 et passim. — L. hookeri G. Don, Gen. Syst. 2 (1832) 332.

25760 RGS, Fazenda Sta. Cecília p. S. Gabriel, SW, in paludosis alte dumosis, 1.1944, fr. aperto.

Habit: Upright, 1 m high, black after drying.

Habitat: Swampy thicket.

Distribution in RGS: So far, only one findplace in the southwestern plains.

General distribution: From central Chile and Patagonia through central Argentina to Uruguay and western RGS.

Lathyrus subulatus Lam.,

Enc. méth. Bot. 2 (1786—1788) 707; Bentham, FB 15,1 (1859) 112; Herter, Flor. Urug. (1930) 70; Burkart, Rev. Agron. Vet. entr. 1. vol. 8 (1935) 90; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 112 et passim.

1421 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis dumosis, 10.10.1932, fl.

2178 RGS, ibidem, 17.11.1935, fl., fr. semievoluto.

11748 RGS, ibidem, 1943, fl.

11830 RGS, Cascata p. P. Alegre, NEL, in campestribus alte graminosis, 3.8.1940, fl., leg. K. Emrich.

27008 RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis alte graminosis, 10.1944, fl., fr. semievoluto.

29110 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis alte graminosis, 12.9.1945, fl.

34169 RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis dense graminosis, 16.10.1946, fl.

37001 Morro do Osso p. P. Alegre, NEL, in campestribus siccis alte graminosis, 9.11.1947, fl., leg. M. Frank.

37702 RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis graminosis, 20.9.1948, fl.

37791 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus saxosis alte graminosis, 2.10.1948, fl.

44011 RGS, Morro do Osso p. P. Alegre, NEL, in campestribus siccis alte dumosis, 21.10.1949, fl.

44151 RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus dense graminosis, 31.10.1949, fl., fr. novo.

49012 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis dense graminosis, 18.11.1950, fl.

Habit: Erect, wiry, up to 40 cm high.

Habitat: Dry, more or less shrubby Campos.

Distribution in RGS: All findplaces from the nearest surroundings of P. Alegre.

General distribution: From Patagonia through central Argentina to Uruguay and RGS.

Lathyrus tomentosus Lam.,

Enc. méth. Bot. 2 (1786–1788) 709; Bentham, FB 15,1 (1859) 113, tab. 30; Herter, Flor. Urug. (1930) 70; Burkart, Rev. Agron. Vet. entr. 1 vol. 8 (1935) 94; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 112 et passim.

27271 RGS, Morro da Polícia p. P. Alegre, NEL, in saxosis alte graminosis, 10.1944, fl.

37886 RGS, ibidem, 6.11.1948, fl.

43351 RGS, ibidem, 9.9.1949, fl.

43595 RGS, ibidem, 28.9.1949, fl.

63949 RGS, Pelotas, SEC, in dumosis, 24.11.1955, fr. submature, leg. J. Sacco 945.

Habit: Erect, up to 75 cm high.

Habitat: Moderately dry, stony, shrubby Campo.

Distribution in RGS: Only two widely distant findplaces.

General distribution: From Patagonia through central Argentina to Uruguay and RGS.

LONCHOCARPUS H. B. K.

Lonchocarpus leucanthus Burkart,

Darwiniana 4 (1942) 326; Leg. Arg. (1952) 231; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 126 et passim. — L. albiflorus Hassl., Bull. Herb. Boiss. 2 sér. 7 (1907) 166; Malme, Ark. f. Bot. 23A, n. 13 (1931) 30.

1948 RGS, Estação Azevedo p. Montenegro, NEL, in silvula rupestri, 25.8.1936, fl.

11012 RGS, Nova Petrópolis, NES, in silvula, 1.1943, fl.

11038 RGS, Montserrat p. P. Alegre, NEL, in silvula campestri, 1.11.1942, fl., leg. K. Emrich.

11984 RGS, ibidem, 12.1.1943, fl., leg. K. Emrich.

- 25952** RGS, Cérro Largo p. S. Luiz, NWH, in secundariis, 10.1944, fl., leg. E. Friderichs SJ.
- 27024** RGS, Morro da Polícia p. P. Alegre, NEL, in rupestribus dumosis, 10.1944, fl.
- 28738** RGS, Caracol p. Canela, NEH, in silvula aperta, 2.1945, fr. semievoluto, leg. K. Emrich.
- 32544** RGS, Pareci p. Montenegro, NEL, in silvula campestri, 10.10. 1945, fl., leg. E. Henz SJ.
- 32632** RGS, ibidem, 31.10.1945, fl., leg. E. Henz SJ.
- 32859** RGS, Montserrat p. P. Alegre, NEL, in silvula campestri, 30. 11.1945, fl., leg. K. Emrich.
- 34266** RGS, Cérro Largo p. S. Luiz, NWH, in secundariis, 17.10. 1946, fl., leg. Irm. Augusto.
- 35920** RGS, Caracol p. Canela, NEH, in silvula, 21.2.1947, fr. semievoluto, leg. K. Emrich.
- 37878** RGS, Morro da Polícia p. P. Alegre, NEL, in rupestribus dumosis, 6.11.1948, fl.
- 39471** RGS, Teresópolis p. P. Alegre, NEL, in silvula campestri, 4.1. 1949, fl. deciso.
- 41395** RGS, Morretes p. P. Alegre, NEL, in silvula riparia, 2.5. 1949, fr.
- 44739** RGS, Lagoa dos Barros p. Osório, NEC, in secundariis, 14. 12.1949, fl.
- 44800** RGS, S. Francisco de Paula, NEH, in secundariis, 18.12. 1949, fl.
- 47945** RGS, Cérro Largo p. S. Luiz, NWH, in secundariis, 15.12.1948, fl., leg. A. Sehnem SJ 3541.
- 48105** RGS, Campinas p. Sta. Rosa, NWH, in secundariis, 2.1950, fr. semievoluto, leg. A. Spies.
- 48342** SC, Figueiredo p. Bom Retiro, in secundariis, 28.12.1948, fl., leg. R. Reitz 3441, det. A. Burkart.
- 48402** RGS, Pareci p. Montenegro, NEL, in secundariis, 27.11.1945, fl., leg. A. Sehnem SJ 1502.
- 48408** RGS, ibidem, 3.11.1945, fl., leg. A. Sehnem SJ 1509.
- 49486** RGS, Mato Leitão p. Venâncio Aires, CS, in secundariis, 1.1. 1951, fl. subaperto.
- 49968** RGS, Palmeira p. fl. Uruguay, NWH, in silva campestri, 12. 1.1951, fr. semievoluto.
- 53168** RGS, Cérro Largo p. S. Luiz, NWH, in secundariis, 20.11. 1952, ster.
- 57890** RGS, Pestana p. Ijuí, NWH, in dumosis, 22.11.1953, fl., leg. J. Pivetta 1052.
- 58247** SC, S. Pedro p. Brusque, in silva, 25.1.1950, fl., leg. R. Reitz 4632, det. Burkart.
- 60347** RGS, Estação de Silvicultura p. Sta. Maria, CL, in silvula campestri, 10.4.1956, ster., leg. O. Camargo 541.
- 61645** RGS, Taquarí, CL, in silvula, 8.12.1957, fl., leg. O. Camargo 2772.
- 61663** RGS, ibidem, 10.12.1957, fl., leg. O. Camargo 2795.

Habit: Shrub to small tree, up to 6 m high.

Habitat: Edge of the forest, Campos woodlets and gallery, secondary growth.

Distribution in RGS: Through the whole of the rain forest area in the northern half of the State.

General distribution: Paraguay, Argentine Mesopotamia, SC, RGS.

***Lonchocarpus muehlbergianus* Hassl.**

Bull. Herb. Boiss. sér. 2,7 (1907) 164; Burkart, Leg. Arg. (1952) 232.

48216 RGS, Iraí ad fl. Uruguay, NWU, ad silvam pluviale, 11. 1949, folium, leg. K. Emrich.

49921 SC, Itapiranga ad fl. Uruguay, in secundariis, 6.2.1951, ster.

53658 Paraná, Salto Iguassú, in silva riparia, 11.1.1953, folium.

56942 SC, Itapiranga ad fl. Uruguay, ad silvam, 12.1953, fl., leg. P. Kroetz SJ.

57180 SC, Itapiranga ad fl. Uruguay, in silva secundaria, 1955, fr. submatureo, leg. P. Kroetz SJ.

58233 SC, Tijucas, in dumosis, 25.12.1952, fr., leg. R. Reitz 9210, det. (with?) Burkart.

Habit: Small to medium tree, up to 10 m high, strikingly reminding *Juglans regia* when growing in the open.

Habitat: Edge of the forest, secondary growth.

Distribution in RGS: Rain forest belt of the Upper Uruguay River only.

General distribution: Paraguay, Misiones, Corrientes, SC, RGS.

***Lonchocarpus nitidus* (Vog.) Benth.,**

FB 15,1 (1862) 279; Burkart, Leg. Arg. (1952) 232; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 126 et passim. — *Sphinctolobium nitidum* Vog., Linnaea 11 (1837) 419.

1386 RGS, Vila Manresa p. P. Alegre, NEL, in silva ad rivum, 20. 9.1933, fl.

1393 RGS, Butterberg p. Montenegro, NES, in secundariis, 1.1923, fl.

11035 RGS, Marcelino Ramos, NWU, in ripariis, 1.1943, fl., leg. E. Friderichs SJ.

28100 RGS, Nonoai ad fl. Uruguay, NWU, ad flumen, 3.1945, fr.

33059 RGS, Montenegro, NEL, ad flumen Caí, 1.1946, fl., leg. A. Strieder SJ.

34467 RGS, Cerró Largo p. S. Luiz, NWH, in silva riparia, 16.12. 1946, fl., leg. Irm. Augusto.

35565 RGS, Kappesberg p. Montenegro, NES, in silva, 20.12.1946, fl., leg. E. Henz SJ.

36085 RGS, Campinas p. Sta. Rosa, NWH, in silva riparia, 2.1947, fl., leg. A. Spies.

39979 RGS, Linha Bonita p. Montenegro, NES, ad rivum in silva, 19. 1.1949, fl.

47342 RGS, Campinas p. Sta. Rosa, NWH, in secundariis, 2.1947, fl., leg. A. Spies.

47900 RGS, Kappesberg p. Montenegro, NES, in silva ad rivum, 4. 1.1947, fl., leg. A. Sehnem SJ 2443.

47944 RGS, Cérro Largo p. S. Luiz, NEL, in secundariis, 20.12.1948, fl., leg. A. Sehnem SJ 3540.

48045 RGS, ibidem, 11.2.1949, fl. deciso, leg. A. Sehnem SJ 3600.

49919 SC, Itapiranga ad fl. Uruguay, ad flumen, 6.2.1951, fl.

57889 RGS, Pestana p. Ijuí, NWH, in silva, 20.12.1953, fl., leg. J. Pivetta 1053.

58630 RGS, Estação de Silvicultura p. Sta. Maria, CL, in silva, 14.1. 1956, ster., leg. O. Camargo 3.

Habit: Medium tree, up to 15 m high.

Habitat: Along rivers and stream.

Distribution in RGS: Through the whole of the rain forest area in the northern half of the State.

General distribution: Argentine Mesopotamia, SC, RGS.

LUPINUS L.

***Lupinus attenuatus* Gardn.,**

Hook. Ic. Plant, 6 (1843) tab. 511; Bentham, FB 15,1 (1859) 14; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 112. — *L. attenuatus* var. *guaraniticus* Hassl., Fedde Rep. 16 (1919) 158; *L. guaraniticus* (Hassl.) Ch. P. Smith, The genus *Lupinus* in Argentina. Species Lupinorum 32 (1943—1944) 321—363. Burkart, Leg. Arg. (1952) 315.

30930 RGS, Vila Oliva p. Caxias, NEH, in campestribus siccis graminosis, 2.1.1946, fr. submaturo.

36207 RGS, Cambará p. S. Francisco de Paula, NEH, in campestribus graminosis siccis, 2.1948, fr. juvenili.

61220 RGS, Palmeira, NWH, in campestribus, 9.10.1957, fl.

Habit: Abundantly branched from the base, ascending to erect, up to 40 cm high.

Habitat: Dry, densely grassy Campos.

Distribution in RGS: Northern Highlands, very rare.

General distribution: From Minas Gerais and Paraguay, to Misiones and RGS.

***Lupinus bracteolaris* Desr.,**

Lam. Enc. méth. 3 (1789) 622; Bentham, FB 15,1 (1859) 15; Herter, Flor. Urug. (1930) 71; Malme, Ark. f. Bot. 23A, n. 13 (1931) 19; Burkart, Leg. Arg. (1952) 315; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 112 et passim.

571 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 5.12.1931, fl.

- 7326** RGS, S. Leopoldo, NEL, in campestribus graminosis, 1907, fl., leg. F. Theissen SJ.
- 7340** RGS, ibidem, 1907, ster., leg. F. Theissen SJ.
- 10015** RGS, Ijuisinho p. Tupanciretan, NWH, in campestribus graminosis, 30.1.1942, fl.
- 11030** RGS, Sta. Maria, CL, in campestribus graminosis, 1.6.1935, fl., fr. juvenili, leg. W. Rau.
- 11042** RGS, Gravataí p. P. Alegre, NEL, in campestribus dumosis, 1942, fl., fr. maturo, leg. P. Capparelli.
- 26333** RGS, Fazenda do Jarau p. Quaraí, SW, in campestribus dumosis, 1.1945, fr. maturo, det. Burkart.
- 26652** RGS, Pareci p. Montenegro, NEL, in campestribus graminosis, 1944, fl., leg. E. Henz SJ.
- 27296** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus graminosis, 10.1945, fl.
- 29168** RGS, ibidem, 12.9.1945, fl., det. Burkart.
- 29561** RGS, Pareci p. Montenegro, NEL, in campestribus siccis graminosis, 3.10.1945, fl., leg. E. Henz SJ. (det. Burkart: L. czermakii Mich.).
- 35363** RGS, S. Leopoldo, NEL, in arenosis graminosis, 2.10.1946, fl., leg. E. Henz SJ.
- 37917** RGS, Sapucaia p. S. Leopoldo, NEL, in sabulosis dumosis, 10.11.1948, fl., fr. juvenili.
- 38125** RGS, Morro da Policia p. P. Alegre, NEL, in campestribus subdumosis, 20.11.1948, fl., fr. semievoluto.
- 38227** RGS, Sapucaia p. S. Leopoldo, NEL, in campestribus graminosis, 22.11.1948, fl., fr. semievoluto.
- 43597** RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus graminosis, 28.9.1949, fl.
- 43891** RGS, ad fl. Caí inferius p. P. Alegre, NEL, in arenosis graminosis, 12.10.1949, fl.
- 43909** RGS, ibidem, 12.10.1949, fl.
- 43918** RGS, Sapucaia p. S. Leopoldo, NEL, in arenosis graminosis, 17.12.1949, fl.
- 44054** RGS, Barreto Vianna p. S. Leopoldo, NEL, in campestribus graminosis, 24.10.1949, fl.
- 44148** RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis graminosis, 31.10.1949, fr. submaturo.
- 44278** RGS, ad montem Sapucaia p. S. Leopoldo, NEL, in arenosis graminosis, 5.11.1949, fl., fr. juvenili.
- 44302** RGS, Esteio p. S. Leopoldo, NEL, in campestribus siccis graminosis, 8.11.1949, fl., fr. juvenili.
- 44453** RGS, Granja Neugebauer p. P. Alegre, NEL, in campestribus alte graminosis, 19.11.1949, fl.
- 47739** RGS, Montenegro, NEL, in arenosis graminosis, 10.1949, fl.. leg. A. Sehnem SJ 3698.
- 47740** RGS, ibidem, in arenosis graminosis, 15.9.1949, leg. A. Sehnem SJ, 3848.

- 48958** RGS, Granja Neugebauer p. Itapoan, NEL, in campestribus alte graminosis, 11.10.1950, fl.
- 49089** RGS, Vila Manresa p. P. Alegre, NEL, in rupestribus humidis parce humosis, 8.11.1950, fr. submaturo.
- 51058** RGS, Campestre p. Montenegro, NES, in graminosis, 18.10.1950, fl., leg. A. Sehnem SJ 4962.
- 51458** RGS, Passo do Socorro p. Vacaria, NEH, in campestribus graminosis, 26.12.1951, fl., fr.
- 54408** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus graminosis, 12.11.1953, fl.
- 57050** RGS, ad montem Sapucaia p. S. Leopoldo, NEL, in campestribus arenosis graminosis, 11.10.1955, fl.
- 57167** RGS, Esteio p. S. Leopoldo, NEL, in arenosis graminosis, 11.11.1955, fl.
- 57322** RGS, Vila Manresa p. P. Alegre, NEL, in siccis graminosis, 18.9.1955, fl.
- 62801** RGS, P. Alegre, NEL, in campestribus graminosis, 2.11.1957, fl., leg. O. Camargo 2456.
- 63389** RGS, Pelotas, SEC, in campestribus, 10.11.1954, fl., fr., leg. J. Sacco 949, det. Burkart.

Habit: Herbaceous, abundantly branched from the base, 30 cm high.

Habitat: Dry, grassy, more or less poor Campo.

Distribution in RGS: Over the whole of the Campos area.

General distribution: From South Brazil to Uruguay and the Argentine Mesopotamia.

***Lupinus hilarianus* Benth.**

FB 15, 1 (1859) 15; Burkart, Leg. Arg. (1952) 316.

- 46904** RGS, Viamão p. P. Alegre, NEL, in arenosis dumosis, 17.4.1950, fl.
- 48923** RGS, Lagoa da Pinguela p. Osório, NEC, in arenosis 2.10.1950, fl.
- 48955** RGS, Granja Neugebauer p. Itapoan, NEL, in arenosis sub-dumosis, 11.10.1950, flore albo.
- 48959** RGS, ibidem, 11.10.1950, fl., fr. juvenili.
- 49330** RGS, Taimbesinho p. S. Francisco de Paula, NEH, in campestribus graminosis, 18.12.1950, fl.
- 51377** RGS, S. Francisco de Paula, NEH, in campestribus graminosis, 5.11.1951, fl.
- 52968** RGS, ibidem, 9.9.1952, fl.
- 54154** Itatiaia, Serra Negra, 16.1.1936, leg. Campos Porto, Herb. Jard. Bot. 28100.
- 54492** RGS, Taimbesinho p. S. Francisco de Paula, NEH, in campestribus graminosis, 13.11.1953, fl.
- 54513** RGS, ibidem, 13.11.1953, fl.
- 54582** RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in campestribus graminosis, 1.1.1954, fr.

55208 SC, Capetinga p. Chapecó, in campestribus, 24.1.1952, fl., leg. R. Reitz 6428, det. Burkart.

55921 RGS, Morrinhos p. S. Francisco de Paula, NEH, in campestribus saxosis, 3.11.1954, fl., fr. juvenili.

56416 RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in graminosis, 2.1.1955, fl.

61219 RGS, Palmeira, NWH, in campestribus, 9.10.1957, fl.

Habit: Herbaceous, abundantly branched, up to 1 m high.

Habitat: Dry, grassy, more or less peaty or sandy Campos.

Distribution in RGS: Central and northeastern Highlands, northeastern coastal strip.

General distribution: From Minas Gerais to northeastern Argentina, RGS and Uruguay.

Lupinus incanus Grah.,

Bot. Mag. 60 (1833) 3283; Burkart, Leg. Arg. (1952) 316.

60296 RGS, S. Bernardo p. Ijuí, NWH, in campestribus subdumosis, 8.1.1957, fl.

Habit: Herbaceous, stout, densely ramified, up to 40 cm.

Habitat: Dry, more or less open Campos.

Distribution in RGS: one only findplace on the northwestern Highlands.

General distribution: Argentine Mesopotamia, northwestern RGS.

Lupinus lanatus Benthem,

FB 15,1 (1859) 16; Herter, Flor. Urug. (1930) 71; Malme, Ark. f. Bot. 23A, n. 13 (1931) 19; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 112 et passim.

1385 RGS, S. Leopoldo, NEL, in campestribus dumosis, 8.4.1934, fl.

7341 RGS, ibidem, 1907, fl., leg. F. Theissen SJ.

25048 RGS, ibidem, 1943, fl., leg. A. Reckziegel.

26474 RGS, Pareci p. Montenegro, NEL, in campestribus siccis dumosis, 1944, fl., fr. juvenili, leg. E. Henz SJ.

32461 RGS, Serra da Rocinha p. Bom Jesus, NEH, in rupestribus graminosis, 28.2.1946, fr. submaturo.

32515 RGS, Pareci p. Montenegro, NEL, in campestribus siccis graminosis, 22.9.1945, fl., leg. E. Henz SJ.

33899 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis alte dumosis, 25.9.1946, fl.

36206 Cambará p. S. Francisco de Paula, NEH, in campestribus siccis dumosis, 2.1948, fr. submaturo.

36208 RGS, ibidem, 2.1948, fl.

37933 RGS, ad montem Sapucaia p. S. Leopoldo, NEL, in arenosis siccis graminosis, 10.11.1948, fl.

38545 RGS, ad montem das Cabras p. S. Leopoldo, NEL, in arenosis siccis dumosis, 7.12.1948, fl., fr. juvenili.

- 43841** RGS, Pareci p. Montenegro, NEL, in campestribus siccis graminosis, 7.10.1949, fl.
- 45490** RGS, Serra da Rocinha p. Bom Jesus, NEH, in campestribus saxosis, 18.1.1950, fl., fr. juvenili.
- 49088** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus alte dumosis, 8.11.1950, fr. semievoluto.
- 49378** RGS, Taimbesinho p. S. Francisco de Paula, NEH, in campestribus dumosis, 18.12.1950, fl., fr. semievoluto.
- 53830** RGS, Serra da Rocinha p. Bom Jesus, NEH, in saxosis graminosis, 3.2.1953, fl., fr.
- 54507** RGS, Taimbesinho p. S. Francisco de Paula, NEH, in campestribus saxosis graminosis, 13.11.1953, fl.
- 56199** RGS, Fazenda do Arroio p. Osório, NEC, in arenosis dumosis 3.10.1954, fl.
- 60039** SC, Campo dos Padres p. Bom Retiro, in graminosis humidis gregatim, 24.1.1957, fl., fr.
- 61580** RGS, P. Alegre, NEL, in dumosis siccis, 19.11.1957, fr., leg. O. Camargo 2671.

Habit: Herbaceous; the most vigorous species of the genus, up to 1 m high.

Habitat: Dry to more or less wet, open or shrubby Campos.

Distribution in RGS: Apparently over the whole of the Campos area, nowhere frequent.

General distribution: RGS and Uruguay.

Lupinus linearis Desr.,

Lam. Enc. méth. Bot. 3 (1789) 624; Bentham, FB 15,1 (1859) 15; Herter, Flor. Urug. (1930) 71; Malme, Ark. f. Bot. 23A, n. 13 (1931) 18; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 112 et passim.

- 174** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 17.1.1933, fl., fr. juvenili.
- 11045** RGS, ibidem, 1943, fl., fr. submaturo.
- 11771** RGS, ibidem, 1943, fl.
- 25994** RGS, ibidem, 1943, fl.
- 29240** RGS, ibidem, 10.10.1945, fl., fr. juvenili.
- 31907** SC, Sombrio p. Araranguá, in campestribus graminosis, 10.10.1945, fl., leg. R. Reitz 1294.
- 37880** RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis graminosis, 6.11.1948, fl.
- 55875** RGS, Fazenda do Arroio p. Osório, NEC, in arenosis graminosis, 3.10.1954, fl.
- 56987** RGS, Vila Manresa p. P. Alegre, NEL, in graminosis siccis, 1.11.1955, fl., fr.
- 62675** RGS, P. Alegre, NEL, in campestribus graminosis, 1.11.1957, fl., fr., leg. O. Camargo 2442.

Habit: Herbaceous, bushy, erect or ascending, often less than 10 cm high.

Habitat: Dry, grassy, more or less open Campos.

Distribution in RGS: Probably over the whole of the Campos area of the southern half of the State, and the whole of the coastal strip.

General distribution: RGS and Uruguay.

Lupinus paraguariensis Chod. et Hassl.,

Bull. Herb. Boiss. 2 sér. 4 (1904) 836; Burkart, Leg. Arg. (1952) 316; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 112 et passim.

28196 RGS, Nonoai ad fl. Uruguay, NWU, in campestribus siccis dumosis, 3.1945, juvenilis.

30769 RGS, Vila Oliva p. Caxias, NEH, in campestribus siccis dumosis, 29.1.1946, fr. submaturo, det. Burkart.

31440 SC, Sombrio p. Araranguá, in campestribus dumosis, 1.2.1946, fr. anotino.

35070 RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus siccis alte graminosis, 11.1.1947, fr. semievoluto.

53024 RGS, Sto. Angelo, NWH, in campestribus graminosis, 17.11.1952, fl., fr.

55012 RGS, Vila Oliva p. Caxias, NEH, in campestribus graminosis, 24.2.1954, fr. submaturo.

56785 RGS, ibidem, 8.2.1955, fr. submaturo.

Habit: Herbaceous, very stout, 30 cm high.

Habitat: Dry, grassy Campos

Distribution in RGS: Northern Highlands, not frequent.

General distribution: Paraguay, Misiones, northern RGS.

MACHAERIUM Pers.

Machaerium aculeatum Raddi,

Mem. Soc. Ital. Moden. 18 (1820) 398; Bentham, FB 15,1 (1862) 237, tab. 37; Burkart, Leg. Arg. (1952) 228; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 131 et passim.

31828 SC, Sombrio p. Araranguá, in silvula secundaria, 9.2.1946, fl., det. Burkart.

49839 SC, Itapiranga ad fl. Uruguay, in silva riparia, 6.2.1951, ster.

58252 SC, Hoffmann p. Brusque, in silva, 26.1.1951, fr., leg. R. Reitz 4654, det. Burkart.

58263 SC, ibidem, 4.2.1950, fl., leg. R. Reitz 4655, det. Burkart.

Habit: Medium tree, up to 15 m high.

Habitat: Apparently not in the interior of the ripe rain forest, but along the edge and in secondary growth.

Distribution in RGS: Probable near the northeastern sea coast, certain although not yet collected at the Upper Uruguay River.

Machaerium glabrum Vog.,

Linnaea 11 (1837) 187; Betham, FB 15,1 (1862) 246; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 131 et passim.

41314 RGS, Morro Sta. Teresa p. P. Alegre, NEL, in silva campestris, 29.4.1949, fr. semievoluto.

41536 RGS, Vila Manresa p. P. Alegre, NEL, in silva campestris, 14.5.1949, fr. submaturo.

48394 RGS, Kappesberg p. Monte negro, NES, in pascuo solitaria, 18.3.1949, fr. semievoluto, leg. A. Sehnem SJ 3740.

29968 RGS, ibidem, 29.9.1945, ster., leg. E. Friderichs SJ.

37010 RGS, Tristeza p. P. Alegre, NEL, in silvula rupestri, 23.11.1947, ster., leg. K. Emrich.

Habitat: Medium tree, up to 15 m high.

Habitat: Edge of the rain forest, secondary growth, Campos woodlets.

Distribution in RGS: Near P. Alegre and at the northeastern slope of the Highlands only.

General distribution: South Brazil, RGS.

Machaerium stipitatum (DC.) Vog.,

Linnaea 11 (1837) 258; Bentham, FB 15,1 (1862) 245; Malme, Ark. f. Bot. 23A, n. 13 (1931) 29; Burkart, Leg. Argent. (1952) 362; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 131. — Nissolia stipitata DC., Prodri. 2 (1825) 258.

783 RGS, Quinta S. Manoel p. S. Leopoldo, NEL, in silva campestris, 5.5.1935, fl., fr. submaturo.

10181 RGS, Auxiliadora p. P. Alegre, NEL, in silva campestris, 17.3.1942, ster., leg. K. Emrich.

11573 RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in silva campestris, 1.1944, ster., leg. P. Buck SJ.

26852 RGS, Morro Sta. Teresa p. P. Alegre, NEL, in silvula riparia, 12.5.1937, fr. maturo, leg. K. Emrich.

27517 RGS, Pareci p. Montenegro, NEL, in silva campestris, 1944, ster., leg. E. Henz SJ.

28661 RGS, Ipanema p. P. Alegre, NEL, in ripariis, 1.2.1945, ster., leg. K. Emrich.

31929 SC, Sombrio p. Araranguá, in silvula campestris, 22.12.1945, fl., leg. R. Reitz 1356.

41632 RGS, Esteio p. S. Leopoldo, NEL, in silva campestris, 18.5.1949, fr. semievoluto.

46468 RGS, Lagoa da Pinguela p. Osório, NEC, in silva secundaria, 27.3.1950, fr. semievoluto.

46997 RGS, Osório, NEC, in ripariis, 1.5.1950, fr. semievoluto.

51004 RGS, Lagoa dos Quadros p. Torres, NEC, in ripariis, 19.1.1951, leg. A. Sehnem SJ 5599.

- 55218** SC, Anitápolis p. Palhoça, in silva, 3.4.1953, fr. maturo, leg. R. Reitz, 6440, det. Burkart.
- 57887** RGS, Pestana p. Ijuí, NWH, in silva, 8.4.1954, fl. nondum aperto, leg. J. Pivetta 1055.
- 60943** RGS, Farroupilha, NEH, in silva, 5.6.1957, ster., leg. O. Camargo 1538.

Habitat: Small to medium tree, up to 15 m high.

Habitat: Edge of the rain forest, secondary wood.

Distribution in RGS: Through the whole of the northern rain forest area.

General distribution: From Rio de Janeiro through southern Brazil to Misiones and RGS.

MYROCARPUS Fr. Allem.

Myrocarpus frondosus Fr. Allem.,

Diss. 1848 cum ic.; Bentham, FB 15,2 tab. 1, fig. 1; Malme; Ark. f. Bot. 23 A, n. 13 (1931) 17; Burkart, Leg. Arg. (1952) 203; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 132 et passim.

- 608** RGS, Parecí p. Montenegro, NEL, in silva pluviali, 26.7.1933, fl.
- 3132** RGS, ibidem, 1938, fl., det. Burkart.
- 4677** RGS, Sto. Angelo, NWH, in silva, 18.2.1941, ster.
- 9475** RGS, Jarí p. Tupanciretan, NWH, in silva campestri, 27.1.1942, ster.
- 25426** SC, Sombrio p. Araranguá, in silva pluviali, 5.1.1943, ster., leg. R. Reitz.
- 26593** RGS, Parecí p. Montenegro, NEL, in silva pluviali, 1944, fl., leg. E. Henz SJ.
- 27684** RGS, ibidem, 1944, ster., leg. E. Henz SJ.
- 28620** RGS, Nonoai ad fl. Uruguay, NWU, in silva pluviali, 3.1945, ster.
- 30686** RGS, Kappesberg p. Montenegro, NES, in silva pluviali, 15.9.1945, fl., leg. E. Friderichs SJ.
- 31766** SC, Sombrio p. Araranguá, in silva sabulosa, 7.2.1946, ster.
- 32722** RGS, Parecí p. Montenegro, NEL, in silva pluviali, 10.9.1945, fl., leg. E. Henz SJ.
- 47802** RGS, Kappesberg p. Montenegro, NES, in silva pluviali, 28.10.1949, fl., leg. A. Sehnem SJ 4020.
- 48466** RGS, Parecí p. Montenegro, NEL, in silva pluviali, 3.10.1945, fl., leg. A. Sehnem SJ 1522.
- 57381** RGS, Estação de Silvicultura p. Sta. Maria, CL, in silva, 23.12.1955, ster., leg. O. Camargo 65.
- 57913** RGS, Pestana p. Ijuí, NWH, in silva, 10.9.1953, fl., leg. J. Pivetta 1078.
- 60962** RGS, Sta. Rita p. Farroupilha, NEH, in araucarieto, 25.6.1957, ster., leg. O. Camargo 1622.

61872 RGS, Passo Fundo, CH, in silva, 20.10.1957, ster., leg. O. Camargo 2178.

Habit: Tall hardwood, up to 25 m high.

Habitat: Interior of the mature rain forest.

Distribution in RGS: Through the whole of the northern rain forest area.

General distribution: From Rio de Janeiro through South Brazil to Misiones and RGS.

ORNITHOPUS L.

***Ornithopus micranthus* (Benth.) Arech.**

An. Mus. Nat. Mont. 3 (1901) 343; Herter, Flor Urug. (1930) 71; Burkart, Darwiniana 3 (1939) 134; Leg. Arg. (1952) 286; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 113 et passim. — Arthrolobium micranthum Benth., FB 15,1 (1859) 51, tab. 11, fig. 1.

44339 RGS, ad fl. Gravataí inferius p. P. Alegre, in inundabilibus graminosis, 11.11.1949, fl., fr. maturo.

Habit: Herbaceous, prostrate, branched from the base, branches up to 30 cm long.

Habitat: Wet, grassy meadows.

Distribution in RGS: One only findplace.

General distribution: Northeastern Argentina, Uruguay, RGS.

PHASEOLUS L.

***Phaseolus adenanthus* C. F. W. Mey.**

Prim. Flor. Essequib. (1818) 239; Herter, Flor. Urug. (1930) 71; Malme, Ark. f. Bot. 23A, n. 13 (1931) 37; Burkart, Leg. Arg. (1952) 429; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 126 et passim. — Phaseolus truxillensis H. B. K., Nov. Gen. et Spec. 6 () 451; Bentham, FB 15,1 (1859) 186.

1394 RGS, Vila Manresa p. P. Alegre, NEL, in silvula campestri scandens, 25.9.1933, fl., fr. semievoluto.

7322 RGS, S. Leopoldo, NEL, ad silvam scandens, 1907, fl., leg. F. Theissen SJ.

7346 RGS, ibidem, 1907, fl., fr. semievoluto, leg. F. Theissen SJ.

25054 RGS, ibidem, 1943, fr. anotino, leg. A. Reckziegel.

25070 RGS, ibidem, 1907, ster., leg. F. Theissen SJ.

33548 RGS, ibidem, 10.4.1946, fl., fr. semievoluto, leg. E. Henz SJ.

40137 RGS, Guaiba p. P. Alegre, NEL, in ripariis, 24.1.1949, fl., fr. semievoluto.

- 40723** RGS, Cristal p. P. Alegre, NEL, in dumosis, 31.3.1949, fl., fr.
- 40772** RGS, Sapucaia p. S. Leopoldo, NEL, in silvula campestris scandens, 1.4.1949, fl., fr. semievoluto.
- 40970** RGS, ad fl. Gravataí inferius, NEL, in silvula campestris, 10.4.1949, fr. maturo.
- 41197** RGS, Ilha das Flores p. P. Alegre, NEL, in subpaludosis dumosis scandens, 22.4.1949, fr. submature.
- 41214** RGS, ad fl. Caiá inferius p. P. Alegre, NEL, in silvula, 27.4.1949, fl., fr. semievoluto.
- 41384** RGS, Morretes p. P. Alegre, NEL, in silvula campestris scandens, 2.5.1949, fr. semievoluto.
- 50635** RGS, Gravataí p. P. Alegre, NEL, in silvula campestris scandens, 2.2.1950, fl., fr. submature, leg. A. Sehnem SJ 4346.
- 63354** RGS, Pelotas, SEC, ad silvam, 8.3.1955, fl., fr. juvenili, leg. J. Sacco 960, det. Burkart.
- 63517** RGS, Fazenda do Arroio p. Osório, NEC, in dumosis scandens, 23.1.1958, fl.

Habit: Climber, up to 3 m.

Habitat: Edge of the forest, secondary growth, campos woodlets.

Distribution in RGS: All findplaces from the northeastern Lowlands and sea coast.

General distribution: From Mexico to RGS, Uruguay and B. Aires.

Phaseolus appendiculatus Benth.,

Ann. Mus. Vindob. 2 (1838) 137; FB 15, 1 (1859) 182; Malme, Ark. f. Bot. 23A, n. 13 (1931) 37; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 126 et passim.

- 1396** SC, Itapiranga ad fl. Uruguay, ad silvam pluviale scandens, 15.2.1934, fl.
- 8423** RGS, Xarqueadas p. S. Jerônimo, NEL, in ripariis scandens, 8.1.1942, fl.
- 25026** RGS, S. Leopoldo, NEL, ad silvam, 1943, ster., leg. A. Reckziegel.
- 25521** RGS, Cruz Alta, CH, ad silvam, 1.1944, fl., leg. C. A. Veríssimo.
- 28187** RGS, Nonoai ad fl. Uruguay, NWU, ad silvam, 3.1945, fl., fr. subm.
- 39031** RGS, ad montem Steinkopf p. S. Leopoldo, NEL, ad silvam, 20.12.1948, fl.
- 51751** RGS, Morro Grande p. Osório, NEC, in dumosis, 10.1.1952, fl.
- 57886** RGS, Pestana p. Ijuí, NWH, ad silvam, 5.4.1954, fl., leg. J. Pivetta 1056.

Habit: Climber, up to 10 m.

Habitat: Edge and glades of the rain forest, secondary growth.

Distribution in RGS: Through the whole of the rain forest area in the northern half of the State.

General distribution: From Minas Gerais through South Brazil to RGS.

Phaseolus clitoroides Mart.,

ap. Bentham, Ann. Mus. Vindob. 2 (1838) 137; Bentham, FB 15,1 (1859) 184; Malme, Ark. f. Bot. 23A, n. 13 (1931) 37; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 126 et passim.

- 3540** RGS, Estação Azevedo p. Montenegro, NEL, in campestribus dumosis, 24.4.1935, fr. juvenili.
- 4385** RGS, Taimbesinho p. S. Francisco de Paula, NEH, in campestribus siccis dumosis, 7.2.1941, fl.
- 4522** RGS, Fazenda Engleit p. S. Francisco de Paula, NEH, in campestribus dumosis, 8.2.1941, fl.
- 4543** RGS, ibidem, 8.2.1941, fl.
- 7345** RGS, S. Leopoldo, NEL, in dumosis, 1907, fr. juvenili, leg. F. Theissen SJ.
- 8953** RGS, Bom Jesus, NEH, in campestribus dumosis, 15.1.1942, fl.
- 9130** RGS, Jarí p. Tupanciretan, NWH, in campestribus dumosis, 25.1. 1942, fl., fr. juvenili.
- 9223** RGS, ibidem, 26.1.1942, ster.
- 9451** RGS, ibidem, 26.1.1942, ster.
- 9975** RGS, Ijuisinho p. Tupanciretan, NWH, in campestribus dumosis, 30.1.1942, fr. juvenili.
- 11022** RGS, Sta. Maria, CL, in campestribus dumosis, 13.2.1936, fl., leg. W. Rau.
- 11032** RGS, ibidem, sine die, ster., leg. W. Rau.
- 25322** RGS, S. Leopoldo, NEL, in campestribus, 1907, fl., leg. F. Theissen SJ.
- 30772** RGS, Vila Oliva p. Caxias, NEH, in campestribus siccis dumosis, 29.1.1946, fl.
- 31440** SC, Sombrio p. Araranguá, in dumosis humidis, 1.2.1946, ster.
- 32289** RGS, Tainhas p. S. Francisco de Paula, NEH, in dumosis, 16.2. 1946, fl.
- 33566** RGS, S. Leopoldo, NEL, in campestribus dumosis 28. 3. 1946, fl., fr., leg. L. Stahl, SJ.
- 33633** RGS, sine loco, sine die, fl.
- 35743** RGS, Kappesberg p. Montenegro, NES, in dumosis scandens, 20.12.1946, fl.
- 38803** RGS, Conceição p. Caí, NEL, in campestribus dumosis, 14.12.1948, fr. juvenili.
- 40480** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus dumosis, 15.3.1949, fl.
- 40567** RGS, Sapucaia p. S. Leopoldo, NEL, in dumosis, 17.3.1949, fl.
- 50636** RGS, Campestre p. Montenegro, NES, in dumosis, 1.3.1950, fl., leg. A. Sehnem SJ., 4437.
- 51047** RGS, Taimbesinho p. S. Francisco de Paula, NEH, in campestribus subdumosis, 24.2.1951, fl., leg. A. Sehnem SJ 5675.
- 51930** RGS, Passo da Guarda p. Bom Jesus, NEH, in campestribus dumosis, 15.1.1952, fl.

- 52043** RGS, Jaquirana p. S. Francisco de Paula, NEH, in dumosis, 20.2.1952, fl.
- 56589** RGS, Vila Oliva p. Caxias, NEH, in dumosis subscandens, 8.2.1955, fl.
- 58745** RGS, Estação de Silvicultura p. Sta. Maria, CL, in dumosis scandens, 3.2.1956, fl., leg. O. Camargo 233.
- 58746** RGS, ibidem, 1.3.1956, fl., leg. O. Camargo 91.
- 58885** RGS, ibidem, 28.2.1956, fl.
- 63518** RGS, Fazenda do Arrôo p. Osório, NEC, in arenosis, herbosis prostrata, 23.1.1958, fl.

Habit: Prostrate, sometimes winding: flowers bluish.

Habitat: Dry, shrubby Campos.

Distribution in RGS: Over the whole of the northern Campos area.

General distribution: From Amazonia to RGS.

Phaseolus erythroloma Mart.,

ap. Bentham, Ann. Mus. Vindob. 2 (1838) 141; Bentham, FB 15,1 (1859) 191; Malme, Ark. f. Bot. 23A, n. 13 (1931) 38; Burkart, Leg. Arg. (1952) 428; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 126 et passim.

- 1398** RGS, Sapucaia p. S. Leopoldo, NEL, in dumosis scandens, 5.7.1934, fl.
- 7313** RGS, S. Leopoldo, in dumosis, 1907, fr. juvenili, leg. F. Theissen SJ.
- 7319** RGS, ibidem, 1907, fr. juvenili, leg. F. Theissen SJ.
- 9112** RGS, Jarí p. Tupanciretan, NWH, in dumosis, 25.1.1942, fr. semiev.
- 11031** RGS, Sta. Maria, CL, in dumosis, sine die, fr. juv., leg. W. Rau
- 26988** RGS, Morro da Polícia p. P. Alegre, NEL, in dumosis, 10.1944, fl.
- 28899** RGS, ibidem, 10.1944, fr. juvenili.
- 32029** SC, Sombrio p. Araranguá, in dumosis, 24.3.1945, fr. juvenili, leg. R. Reitz 1017.
- 37355** RGS, ad montem Sapucaia p. S. Leopoldo, in silvula campes- tri aperta scandens, 8.7.1948, fl., fr. submaturo.
- 38160** RGS, Morro da Polícia p. P. Alegre, NEL, in dumosis apertis, 20.11.1948, fl.
- 38212** RGS, Sapucaia p. S. Leopoldo, NEL, in dumosis scandens, 22.11.1948, fl.
- 38997** RGS, ad montem Steinkopf p. S. Leopoldo, NEL, in dumosis, 20.12.1948, fl., fr. submaturo.
- 40578** RGS, Sapucaia p. S. Leopoldo, NEL, in silvula aperta scandens, 17.3.1949, fl.
- 40815** RGS, Granja Neugebauer p. Itapoan, NEL, in campestribus aperte dumosis, 3.4.1949, fl.
- 50634** RGS, Gravataí p. P. Alegre, NEL, in silvula campestri, 2.2.1950, fl., fr. juvenili, leg. A. Sehnem SJ 4379.

51525 RGS, Passo do Socorro p. Vacaria, NEH, in dumosis, 26.12. 1951, fl.

58978 RGS, Estação de Silvicultura p. Sta. Maria, CL, in dumosis scandens, 5.1.1956, fl., leg. O. Camargo 160.

Habit: Prostrate to climbing.

Habitat: Dry, shrubby Campos and secondary growth.

Distribution in RGS: Through the whole of the northern Campos area of the State.

General distribution: From Minas Gerais and Peru to northeastern Argentina and RGS.

Phaseolus lasiocarpus Mart.,

ap. Bentham, Ann. Mus. Vindob. 2 (1838) 140; Bentham, FB 15,1 (1859) 188, tab. 49; Malme, Ark. f. Bot. 23A, n. 13 (1931) 38; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 126 et passim.

3916 RGS, Morro Vigia p. Livramento, SW, in campestribus dumosis, 12.1. 1941, fr. juvenili.

9100 RGS, Jarí p. Tupanciretan, NWH, in campestribus dumosis, 25. 1.1942, ster.

10130 RGS, Ijuisinho p. Tupanciretan, NWH, in campestribus dumosis, 30.1.1942, fl.

28014 RGS, Tramandaí, NEC, in arenosis, 1.1945, fr., leg. P. Gonçalves.

33071 RGS, Pareci, p. Montenegro, NEL, in campestribus dumosis, 28.12.1945, fr. maturo, leg. A. Strieder SJ.

58744 RGS, Estação de Silvicultura p. Sta. Maria, CL, in dumosis, 1.3.1956, fl., leg. O. Camargo 93.

Habit: Prostrate to climbing.

Habitat: Dry, shrubby Campos.

Distribution in RGS: Over the whole of the northern Campos area.

General distribution: From Guyana to RGS.

Phaseolus linearis H. B. K.

Nov. Gen. Spec. 6 (1823) 443; Bentham, FB 15,1 (1859) 187; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 126 et passim.

1921 RGS, Carauno p. Bom Jesus, NEH, in campestribus dumosis, 22. 1.1935, fl.

4833 RGS, Passo do Inferno p. Canela, NEH, in campestribus dumosis, 10.2.1941, fl.

4932 RGS, ibidem, 10.2.1941, fl.

9043 RGS, Bom Jesus, NEH, in campestribus dumosis, 16.1.1942, fl.

28242 RGS, Nonoai ad fl. Uruguay, NWU, in campestribus dumosis, 3.1945, fl.

35061 RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus dumosis 11.1.1947, fl.

- 49521** SC, Lages, in campestribus dumosis, 10.I.1951, fl.
59067 RGS, Ijuí p. Pestana, NWH, in campestribus dumosis, 19.2.1954, fl., leg. J. Pivetta 1036.

Habit: Prostrate to climbing.

Habitat: Dry, more or less shrubby Campos.

Distribution in RGS: Northern Highlands.

General distribution: From Guyana to RGS.

Phaseolus lobatus Hook.,

Bot. Mag. 70 (1844) tab. 4076; Benthham, FB 15,1 (1859) 184; Malme, Ark. f. Bot. 23A, n. 13 (1931) 37; Burkart, Leg. Arg. (1952) 429; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 126 et passim.

1361 RGS, Gravataí p. P. Alegre, NEL, in ripariis, 6.2.1933, fr. juvenili.

4133 RGS, Rio Garopá p. Quarai, SW, in ripariis, 14.1.1941, ster.

37230 RGS, Tristeza p. P. Alegre, in silvula riparia, 30.11.1947, fr. semievoluto, leg. K. Emrich.

39244 RGS, Morro do Sabiá p. P. Alegre, NEL, in ripariis, 28.12.1948, fl.

47981 RGS, Cérro Largo p. S. Luiz, NWH, in dumosis, 26.12.1948, leg. A. Sehnem SJ 3533.

52935 RGS, Fortaleza p. Montenegro, NEL, in silvula campestri, 15.12.1952, fl.

Habit: Climbing, up to 3 m.

Habitat: Woodlets at streams and rivers.

Distribution in RGS: Apparently Campos area in the southern half of the State only.

General distribution: From Central America to RGS, Uruguay and B. Aires.

Phaseolus martii Bentham,

Ann. Mus. Vindob. 2 (1838) 141; FB 15,1 (1859) 192; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 126 et passim.

28459 RGS, Nonoai ad fl. Uruguay, NWU, in campestribus siccis graminosis, 3.1945, fl.

53023 RGS, Sto. Angelo, NWH, in campestribus graminopsis, 17.11.1952, fl.

Habit: Prostrate to ascending.

Habitat: Dry, grassy Campos.

Distribution in RGS: Northwestern Highlands only.

General distribution: From Piauí to Paraguay and RGS.

Phaseolus ovatus Benth.,

Ann. Mus. Vindob. 2 (1838) 139; Herter, Flor. Urug. (1930) 72; Malme,

Ark. f. Bot. 23A, n. 13 (1931) 38; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 22 et passim.

357 RGS, Estação Pestana p.: P. Alegre, NEL, in humidis graminosis, 19.11.1932, fl.

48227 RGS, Tramandai p. Osório, NEC, in arenosis dumosis, sine die, fl., fr. semievoluta, leg. W. Rüdiger.

56833 SC, Arroio do Silva p. Araranguá, prope litus in arenosis humidis, 19.2.1955, fl.

Habit: Prostrate.

Habitat: Wet, sandy, more or less bare places.

Distribution in RGS: Northeastern Lowlands and sea coast only, rare.

General distribution: From Pará to RGS.

Phaseolus panduratus Mart.,

ap. Benth., Ann. Mus. Vindob. 2 (1838) 141; Bentham, FB 15,1 (1859) 192; Herter, Flor. Urug. (1930) 72; Burkart, Leg. Arg. (1952) 428.

54818 RGS, Torres, NEC, in arenosis, 11.2.1954, fl., fr.

56479 RGS, ibidem, 19.1.1955, fl., fr.

63359 RGS, Pelotas, SEC, ad viam, 23.3.1955, fl., fr., leg. J. Sacco 344, det. Burkart (var. ovatifolius Hassl.).

63519 RGS, Fazenda do Arroio p. Osório, NEC, in arenosis, 23.1.1958, fl.

63933 RGS, Pelotas, SEC, in arenosis, 7.3.1956, fr. submaturo, leg. J. Sacco 517.

Habit: Prostrate.

Habitat: Dry, shrubby sand.

Distribution in RGS: Coastal strip only.

General distribution: From Piauí to northern Argentina, RGS and Uruguay.

Phaseolus peduncularis H. B. K.,

Nov. Gen. Spec. 6 (1823) 447; Bentham, FB 15,1 (1859) 184; Herter, Flor. Urug. (1930) 72; Burkart, Leg. Arg. (1952) 427; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) passim.

28243 RGS, Nonoai ad fl. Uruguay, NWU, in campestribus siccis graminosis, 3.1945, fl.

34473 RGS, Cérro Largo p. S. Luiz, NWH, in campestribus dumosis, 6.12.1946, fl. nondum evoluto, leg. Irm. Augusto.

36194 RGS, Cambará p. S. Francisco de Paula, NEH, in campestribus graminosis, 2.1948, fl., det. Burkart.

39660 RGS, Morro das Abertas p. P. Alegre, NEL, in campestribus siccis subdumosis, 9.1.1949, fl.

55242 SC, Mafra, in campestribus dumosis, 26.1.1953, fr., leg. R. Reitz 6493, det. Burkart.

Habit: Prostrate to ascending or climbing.

Habitat: Dry, grassy or shrubby Campos.

Distribution in RGS: Northeastern Highlands, northeastern Lowlands.

General distribution: From Central America to Misiones, RGS and Uruguay.

Phaseolus prostratus Bentham,

FB 15,1 (1859) 192; Herter, Flor. Urug. (1930) 72; Malme, Ark. f. Bot. 23A, n. 13 (1931) 38; Burkart, Leg. Arg. (1952) 428; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 127 et passim.

345 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 17.1.1933, fl.

1359 RGS, ibidem, 16.11.1932, fl.

1371 RGS, ibidem, 13.1.1933, fl.

1374 RGS, ibidem, 4.1.1933, fl.

1382 RGS, S. Leopoldo, NEL, in campestribus siccis graminosis, 10.11.1922, fl.

2015 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 2.10.1935, fl.

4149 RGS, Rio Garopá p. Quaraí, SW, in campestribus siccis graminosis, 14.1.1941, fl.

7321 RGS, S. Leopoldo, NEL, in campestribus siccis graminosis, 1907, fl., leg. F. Theissen SJ.

8400 RGS, Caixa de Agua p. P. Alegre, NEL, in campestribus siccis graminosis, 12.11.1941, fl., leg. K. Emrich.

8561 RGS, Rio dos Touros p. Bom Jesus, NEH, in campestribus siccis graminosis, 13.1.1942, fl., fr. juvenili.

9637 RGS, Tupanciretan, NWH, in campestribus siccis graminosis, 28.1.1942, fl.

25666 Fazenda Sta. Cecília p. S. Gabriel, SW, in campestribus siccis graminosis, 1.1944, fl.

26042 RGS, Fazenda do Jaraú, SW, in campestribus siccis graminosis, 1.1945, fl.

26253 RGS, ibidem, 1.1946, fl. deciso.

27025 RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis graminosis, 10.1944, fl.

27122 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 10.1944, fl.

27294 RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis graminosis 10.1944.

29264 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 10.10.1945, fl.

30601 RGS, ibidem, 27.11.1945, fl.

30773 RGS, Vila Oliva p. Caxias, NEH, in campestribus siccis graminosis, 29.1.1946, fl.

35062 RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus siccis graminosis, 11.1.1947, fl.

- 36197** RGS, Cambará p. S. Francisco de Paula, NEH, in campestribus siccis graminosis, 2.1948, fl.
- 37433** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 5.7.1944, fl.
- 38792** RGS, Conceição p. Caí, NEL, in campestribus siccis graminosis 14.12.1948, fl.
- 40396** RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis dumosis, 5.3.1949, fl., fr. juvenili.
- 48150** Paraná, Eng. Bley p. Lapa, in campestribus siccis graminosis, 30.1.1949; fl., leg. G. Hatschbach 1179.
- 51019** Lages, in campestribus siccis graminosis, 10.1.1951, fl.
- 51637** RGS, Passo do Socorro p. Vacaria, NEH, 27.12.1951, fl., fr.
- 53002** RGS, Sto. Angelo, NWH, in campestribus graminosis, 17.11.1952, fl.
- 55027** RGS, Vila Oliva p. Caxias, NEH, in campestribus graminosis, 24.2.1954, fl., fr.
- 55232** SC, Mafra, in campestribus siccis graminosis, 26.1.1953, fl., fr., leg. R. Reitz 6495, det. Burkart.
- 58642** RGS, Estação de Silvicultura p. Sta. Maria, CL, in campestribus graminosis, 20.1.1956, fl., fr., leg. O. Camargo 78.
- 59068** RGS, Pestana p. Ijuí, NWH, in campestribus, 3.1.1954, fl., leg. J. Pivetta 1037.
- 61034** SC, Lages, in campestribus, 25.12.1956, fl., leg. J. Mattos.
- 63353** RGS, Pelotas, SEC, in campestribus siccis, 7.3.1955, fl., leg. J. Sacco 959, det. Burkart.
- 64255** SC, Lages, in campestribus, 18.2.1958, fl., leg. J. Mattos.

Habit: Prostrate to ascending, sometimes climbing.

Habitat: Dry, more or less open, grassy Campos.

Distribution in RGS: Frequent over the whole of the Campos area.

General distribution: From S. Paulo and Bolivia to RGS, Uruguay and northern Argentina.

Phaseolus schottii Bentham,

Ann. Mus. Vindob. 2 (1838) 139; Herter, Flor. Urug. (1930) 72; Burkart, Leg. Arg. (1952) 427; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 127 et passim. — P. longifolius Benth., Ann. Mus. Vindob. 2 (1838) 139; FB 15,1 (1859) 187.

- 2705** RGS, S. Leopoldo, NEL, in paludosis dumosis, 8.2.1936, fl.
- 7320** RGS, ibidem, 1907, fr. submaturo, leg. F. Theissen SJ.
- 28014** RGS, Tramandaí p. Osório, NEC, in arenosis humidis dumosis, 1.1945, fr. maturo, leg. P. Gonçalves.
- 30532** SC, Cangicas p. Araranguá, in arenosis, humidis pr. litus, 10.12.1943, fr. maturo, leg. R. Reitz 1032.
- 31500** SC, Sombrio p. Araranguá, in paludosis dumosis, 2.2.1946, fl.
- 45157** RGS, Fazenda do Arroio p. Osório, NEC, in paludosis dumosis, 5.4.1950, fl.

- 45860** RGS, Lagoa dos Quadros p. Torres, NEC, in paludosis dumosis, 21.2.1950, fr. juvenili.
- 49277** RGS, Gravataí p. P. Alegre, NEL, in paludosis dumosis, 1.12.1950, fl.
- 49763** RGS, Lagoa dos Quadros p. Torres, NEC, ad lacum in dumosis humidis, 18.1.1951, fr. maturo.
- 55217** SC, Massiambú p. Palhoça, in humidis dumosis, 12.3.1953, fr., leg. R. Reitz 6439, det. Burkart.
- 63352** RGS, Pelotas, SEC, in humidis dumosis, 11.3.1955, fl., fr. juvenili, leg. J. Sacco 954, det. Burkart.
- 63516** RGS, Fazenda do Arroio p. Osório, NEC, in arenosis humidis, 23.1.1958, fl.

Habit: Low climber.

Habitat: Swampy thickets.

Distribution in RGS: Coastal strip.

General distribution: From Amazonia to central Argentina and Uruguay.

POECILANTHE Benth.

Poecilanthe parviflora Bentham,

FB 15,1 (1862) 271; Herter, Flor. Urug. (1930) 72; Burkart, Leg. Arg. (1952) 225, fig. 54; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 132 et passim.

- 11010** RGS, Tannenwald p. Nova Petrópolis, NES, in silva secundaria, 1.1943, fl.
- 26828** RGS, Tristeza p. P. Alegre, NEL, in silva riparia, 1.1945, fl. nondum aperto, leg. Tubino.
- 28726** RGS, Caracol p. Canela, NES, in silva, 3.1945, ster., leg. K. Emrich.
- 39260** RGS, Morro do Sabiá p. P. Alegre, NEL, in silvula riparia, 28.12.1948, fl. nondum evoluta.
- 34275** RGS, Moinhos de Vento p. P. Alegre, NEL, in silva campestri, 22.1.1947, fl. subaperto, leg. K. Emrich.
- 34356** RGS, Cérro Largo p. S. Luiz, NWH, in silvula riparia, 3.10.1946, ster., leg. Irm. Augusto.
- 49691** RGS, Lagoa dos Quadros p. Torres, NEC, in silvula riparia, 18.1.1951, fl.
- 57888** RGS, Pestana p. Ijuí, NWH, in silva, 9.1.1954, fl., leg. J. Pivetta 1054.

Habit: Small to medium tree, up to 15 m high.

Habitat: Edge of the forest, secondary woods, gallery.

Distribution in RGS: Although not frequent, through the whole of the northern rain forest area.

General distribution: From Misiones to northeastern Argentina, RGS and Uruguay.

POIRETIA Vent.

Poiretia latifolia Vog.,

Linnaea 12 (1838) 54; Bentham, FB 15,1 (1859) 79, tab. 20; Malme, Ark. f. Bot. 23A, n. 13 (1931) 22; Burkart, Darwiniana 3 (1939) 226; Burkart, Leg. Arg. (1952) 302; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 127 et passim.

8795 RGS, Bom Jesus, NEH, in campestribus subdumosis, 15.1.1942, ster.

9052 RGS, ibidem, 16.1.1942, fl., fr. juvenili.

9511 RGS, Jarí p. Tupanciretan, NWH, in campestribus siccis subdumosis, 27.1.1942, fr. maturo.

9789 RGS, Tupanciretan, NWH, in campestribus siccis graminosis, 29.1.1942, fl.

28602 RGS, Nonoai ad fl. Uruguay, NWU, in campestribus siccis graminosis, 3.1945, ster.

35056 RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus siccis dumosis, 11.1.1947, fl.

48143 Paraná; Eng. Bley p. Lapa, in campestribus siccis graminosis, 28.11.1948, fl., leg. G. Hatschbach 1092, det. Burkart.

51469 RGS, Passo do Socorro p. Vacaria, NEH, in campestribus dumosis, 26.12.1951, fl., fr.

57526 RGS, Estação de Silvicultura p. Sta. Maria, 25.11.1955, fl., leg. O. Camargo 63.

58811 RGS, ibidem, 1.3.1956, fl., leg. O. Camargo 99.

61378 RGS, Pestana p. Ijuí, NWH, in campestribus siccis graminosis, 16.2.1956, fl., leg. J. Pivetta 1178.

Habit: Weakly lignified, ascending to erect, branched from the base, branches up to 1 m long; strongly smelling of Citrus.

Habitat: Dry, grassy to shrubby Campos.

Distribution in RGS: Northern Highlands only.

General distribution: From Minas Gerais and Goiás to Misiones and RGS.

Poiretia tetraphylla (Poir.) Burkart,

Darwiniana 3 (1939) 224, tab. 10; Leg. Arg. (1952) 302; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 132 et passim. — Psoralea tetraphylla Poir., Enc. méth. Bot. Suppl. 4,2 (1816) 589 — Poiretia psoralloides DC.; Prodr. 2 (1825) 315; Bentham, FB 15,1 (1859) 79; Herter, Flor. Urug. (1930) 72; Malme, Ark. f. Bot. 23A, n. 13 (1931) 13.

1909 RGS, Estação Azevedo p. Montenegro, in campestribus siccis graminosis, 24.4.1935, fr. submaturo.

2935 RGS, S. Borja, SW, in campestribus siccis graminosis, 1942, fl., leg. F. Baglione.

- 4378** RGS, Taimbesinho p. S. Francisco de Paula, NEH, in campestribus subsiccis graminosis, 7.2.1941, fl.
- 9331** RGS, Jarí p. Tupanciretan, NWH, in campestribus siccis graminosis, 26.1.1942, ster.
- 9508** RGS, ibidem, 26.1.1962, ster.
- 9981** RGS, Ijuisinho p. Tupanciretan, NWH, in campestribus siccis graminosis, 30.1.1942, ster.
- 11544** RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in campestribus siccis graminosis, 1.1944, fl., leg. P. Buck SJ.
- 26251** RGS, Fazenda do Jarau p. Quaraí, SW, in rupestribus graminosis, 1.1945, ster.
- 32022** RGS, Curralinhos p. Torres, NEC, in arenosis dumosis, 7.12.1944, fl., leg. R. Reitz 896.
- 33748** RGS, sine loco, sine die, fl.
- 35069** RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus saxosis aperte dumosis, 11.1.1947, fl.
- 38150** RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus alte graminosis, 20.11.1948, fl.
- 40410 RGS, ibidem, 5.3.1949, fl., fr. submaturo.
- 41288** RGS, Morro Sta. Teresa p. P. Alegre, NEL, in saxosis dumosis, 29.4.1949, fr. maturo.
- 59323** RGS, Estação de Silvicultura p. Sta. Maria, in campestribus siccis, 10.3.1956, fr., Leg. O. Camargo 36.
- 61394** RGS, Vale Veneto p. Sta. Maria, CL, in graminosis, 12.11.1956, fl., leg. J. Pivetta 1247.
- 63983** RGS, Pelotas, SEC, in campestribus, leg. J. Sacco 907.
- 63988** RGS, Pelotas, 9.3.1956, fl., leg. J. Sacco 591.

Habit: Suffruticose, up to 50 cm high.

Habitat: Dry, grassy to shrubby Campos.

Distribution in RGS: Over the whole of the Campos area.

General distribution: From Minas Gerais through southern Brazil to northern and central Argentina, RGS and Uruguay.

RHYNCHOSIA Lour.

Rhynchosia corylifolia Mart.

ap. Benthham, FB 15,1 (1859) 202; Herter, Flor. Urug. (1930) 72; Malme, Ark. f. Bot. 23A, n. 13 (1931) 35; Burkart, Leg. Arg. (1952) 395; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 127 et passim.

379 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 13.12.1932, fl.

2939 RGS, S. Borja, SW, in campestribus, 1942, fl., leg. F. Baglione.

3224 RGS, Taimbesinho p. S. Fr. de Paula, NEH, in campestribus siccis graminosis, 7.2.1941, fl., fr. submaturo.

- 3892** RGS, Morro Vigia p. Livramento, SW, in campestribus siccis graminosis, 12.1.1942, fl. nondum aperto. a
- 4763** RGS, Rio Guira p. S. Francisco de Paula, NEH, in campestribus siccis graminosis, 10.2.1941, fl.
- 8938** Bom Jesus, NEH, in campestribus siccis graminosis, 15.1.1942, fl.
- 9125** RGS, Jarí p. Tupanciretan, NWH, in campestribus siccis dumosis, 25.1.1942, fr. juvenili.
- 9254** RGS, ibidem, 26.1.1942, fl.
- 10040** RGS, Ijuisinho p. Tupanciretan, NWH, in campestribus siccis dumosis, 30.1.1942, fl.
- 26021** RGS, Fazenda do Jarau p. Quaraí, SW, in campestribus siccis graminosis, 1.1945, fl.
- 26501** RGS, Pareci p. Montenegro, NEL, in campestribus siccis graminosis, 1944, fl., leg. E. Henz SJ.
- 27015** RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis graminosis, 10.1944, fl.
- 28278** RGS, Nonoai ad fl. Uruguay, NWU, in campestribus siccis graminosis, 3.1945, ster.
- 29442** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 15.11.1945, fl., fr. semievoluto.
- 29997** RGS, Montserrat p. P. Alegre, NEL, in campestribus siccis graminosis, sine die, fl. nondum evoluto, leg. K. Emrich.
- 30770** RGS, Vila Oliva p. Caxias, NEH, in campestribus siccis graminosis 29.1.1946, fl., fr. semievoluto.
- 31750** SC, Sombrio p. Araranguá, in arenosis graminosis, 7.2.1946, fl.
- 32274** RGS, Tainhas p. S. Francisco de Paula, NEH, in campestribus siccis dumosis, 16.2.1946, fl.
- 35022** RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus saxosis dumosis, 11.1.1947, juvenilis.
- 35052** RGS, ibidem, 11.1.1947, fl.
- 35776** RGS, Agua Azul p. Caxias, NEH, in campestribus dumosis, 3.1.1947, fl., fr. submaturo, leg. E. Henz SJ.
- 36198** Cambará p. S. Francisco de Paula, NEH, in campestribus graminosis, 2.1948, fl.
- 38120** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 17.11.1948, fl.
- 40391** RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis graminosis, 5.3.1949, fl. semievoluto.
- 44145** RGS, ibidem, 31.10.1949, fl.
- 48146** Paraná, Eng. Bley p. Lapa, in campestribus siccis graminosis, 28.11.1946, fl., leg. G. Hatschbach 1125, det. Burkart.
- 49526** SC, Lages, in campestribus siccis graminosis, 10.1.1951, fl.
- 50970** SC, ibidem, 10.1.1951, fl., leg. A. Sehnem SJ 5451.
- 51456** RGS, Passo do Socorro p. Vacaria, NEH, in campestribus graminosis, 26.12.1951, fl.
- 53008** RGS, Sto. Angelo, NWH, in campestribus dumosis, 17.11.1952, fl.

- 53273** RGS, Caaró p. S. Luiz, NWH, in campestribus dumosis, 24.11. 1952, fl.
- 55035** RGS, Vila Oliva p. Caxias, NEH, in campestribus siccis graminosis, 24.2.1954, fl.
- 56664** RGS, ibidem, 8.2.1955, fl., fr.
- 57879** RGS, Pestana p. Ijuí, NWH, in campestribus, 26.1.1955, fl., leg. J. Pivetta 1030.
- 61771** RGS, Taquarí, CL, in campestribus siccis graminosis, 12.12. 1957, fl., leg. O. Camargo 2894.
- 63480** SC, S. Joaquim, in campestribus, 23.9.1958, fl., leg. J. Mattos.

Habitat: Prostrate, up to 1 m long.

Habitat: Dry, grassy or sparsely shrubby Campos.

Distribution in RGS: Over the whole of the Campos area.

General distribution: From Minas Gerais to northeastern Argentina, RGS and Uruguay.

Rhynchosia diversifolia Mich.,

Contr. Flor. Parag. 1 (1883) 33; Malme, Ark. f. Bot. 23A, n. 13 (1931) 36; Burkart, Leg. Arg. (1952) 394; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 127 et passim.

- 3923** RGS, Morro Vigia p. Livramento, SW, in campestribus siccis graminosis, 12.1.1941, fl., fr. juvenili.
- 3938** RGS, ibidem, 12.1.1941, fl.
- 4129** RGS, Barra do Quaraí p. Uruguaiana, SW, in campestribus siccis dumosis, 15.1.1941, fl.
- 9090** RGS, Jarí p. Tupanciretan, NWH, in campestribus siccis graminosis, 25.1.1942, fl.
- 9589** RGS, Tupanciretan, NWH, in campestribus siccis dumosis, 28. 1.1942, fl.
- 26136** RGS, Fazenda do Jarau p. Quaraí, SW, in campestribus siccis, 1.1945, fl.
- 26252** RGS, ibidem, 1.1945, ster.
- 26261** RGS, ibidem, 1.1945, ster.
- 28681** RGS, Espírito Santo p. P. Alegre, NEL, in campestribus siccis saxosis, 1945, fl., fr. semievoluto, leg. K. Emrich.
- 29433** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis dumosis, 15.11.1945, fr. submaturo.
- 34159** RGS, ibidem, 16.10.1946, fl.
- 35045** RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus siccis dumosis, 11.1.1947, fl., fr. juvenili.
- 37008** RGS, Balneário Guarujá p. P. Alegre, NEL, in campestribus siccis saxosis, 23.11.1947, fr. submaturo, leg. K. Emrich.
- 37907** RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis dumosis, 8.11.1948, fl.
- 39183** RGS, ibidem, 27.12.1948, fr. aperto.
- 40818** RGS, Granja Neugebauer p. Itapoan, NEL, in campestribus siccis graminosis, 3.4.1949, fr.

41046 RGS, Morro Agudo p. P. Alegre, NEL, in campestribus siccis dumosis, 13.4.1949, fr. aperto.

51497 RGS, Passo do Socorro p. Vacaria, NEH, in campestribus dumosis, 26.12.1951, fl., fr.

53051 RGS, Sto. Angelo, NWH, in campestribus siccis, 17.11.1952, fl., fr.

57872 RGS, Pestana p. Ijuí, NWH, in campestribus, 26.1.1955, fl., leg. J. Pivetta 1019.

Habit: Prostrate to ascending or erect, abundantly branched from the base, branches up to 50 cm long.

Habitat: Dry, open Campos.

Distribution in RGS: Over the whole of the Campos area.

General distribution: From Paraguay through northeastern Argentina to RGS and Uruguay.

Rhynchosia lateritia Burk.,

Leg. Arg. (1952) 545.

62286 RGS, Vale Veneto p. Sta. Maria, CL, in dumosis, 11.11.1956, fl., leg. J. Pivetta 1242.

Habit: Prostrate to ascending.

Habitat: Dry, shrubby Campo.

Distribution in RGS: One only findplace.

General distribution: Misiones, RGS.

Rhynchosia lineata Bentham,

FB 15,1 (1859) 202; Herter, Flor. Urug. (1930) 72; Malme, Ark. f. Bot. 23A, n. 13 (1931) 35; Burkart, Leg. Arg. (1952) 395; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 127 et passim.

8147 RGS, Tupanciretan, NWH, in campestribus siccis dumosis, 28.1.1942, fl.

9430 RGS, Jarí p. Tupanciretan, NWH, in campestribus dumosis, 27.1.1942, fl.

9487 RGS, ibidem, 27.1.1942, fl.

9527 RGS, ibidem, 27.1.1942, fl.

10060 RGS, Ijuisinho p. Tupanciretan, NWH, in campestribus siccis dumosis, 30.1.1942, fl.

11029 RGS, Sta. Maria, CL, in campestribus siccis dumosis, 15.10.1938, fl., leg. W. Rau.

28622 RGS, Nonoai ad fl. Uruguay, NWU, in campestribus siccis graminosis, 3.1945, fl.

30030 RGS, Passo Fundo, CH, in campestribus dumosis, 1941, fl., leg. Irm. Edésio.

30756 RGS, Vila Oliva p. Caxias, NEH, in campestribus siccis dumosis, 29.1.1946, fl.

- 41407** RGS, Estação Azevedo p. Montenegro, NEL, in campestribus dumosis, 6.5.1949, ster.
- 51028** RGS, Sítio p. Sta. Cruz, CL, in campestribus dumosis, 14.12.1950, fl., leg. A. Sehnem SJ 5082.
- 56625** RGS, Vila Oliva p. Caxias, NEH, in campestribus alte graminosis, 8.2.1955, fl.
- 58964** RGS, Estação de Silvicultura p. Sta. Maria, CL, in campestribus dumosis, 25.1.1956, fl., leg. O. Camargo 101.
- 59017** RGS, ibidem, 2.1.1956, fl., leg. O. Camargo 121.
- 59071** RGS, Pestana p. Ijuí, NWH, in campestribus, 19.2.1954, fl., leg. J. Pivetta 1041.
- 59337** — Estação de Silvicultura p. Sta. Maria, CL, in campestribus siccis, 10.3.1956, fl., leg. O. Camargo 46.

Habit: Ascending to erect, branched from the base, up to 50 cm high.

Habitat: Dry, open to more or less shrubby Campos.

Distribution in RGS: Western Campos area, very rare in the Northeast.

General distribution: Argentine Mesopotamia, Uruguay, RGS.

Rhynchosia phaseoloides (Sw.) DC.,

Prodr. 2 (1825) 385; Benthham, FB 15,1 (1859) 203, tab. 54, fig. 1; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 127 et passim. — Glycine phaseoloides Sw. For. Ind. Occ. 3 () 1248. — Rhynchosia pyramidalis (Lam.) Urb., Fedde Rep. 15 (1918) 318; Burkart, Leg. Arg. (1952) 395.

3170 SC, Florianópolis, prope litus in dumosis, 6.1938, fr. maturo.

7344 RGS, S. Leopoldo, in dumosis, 1907, fr. juvenili, leg. F. Theissen SJ.

25050 RGS, Feliz, NES, in secundariis, 1943, fl., leg. A. Reckziegel.

39006 RGS, ad montem Steinkopf p. S. Leopoldo, NEL, in secundariis, 20.12.1948, fr. submaturo.

49244 RGS, Pareci p. Montenegro, NEL, ad silvam, 26.11.1950, fl.

Habit: Climbing up to 3 m high.

Habitat: Edge of the forest, secondary growth, woodlets.

Distribution in RGS: Northeastern Lowlands and rain forest area only.

General distribution: From Central America to northern Argentina and RGS.

Rhynchosia senna Gill.,

ap. Hook. Bot. Misc. 3 (1832) 199; Bentham, FB 15,1 (1859) 205; Herter, Flor. Urug. (1930) 72; Malmé, Ark. f. Bot. 23A n. 13 (1931) 36; Burkart, Leg. Arg. (1952) 394; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 127 et passim.

3934 RGS, Morro Vigia p. Livramento, SW, in rupestribus graminosis, 12.1.1942, fl.

- 4148** RGS, Rio Garopá p. Quaraí, SW, in campestribus siccis graminosis, 14.1.1941, ster.
- 9363** RGS, Jarí p. Tupanciretan, NWH, in campestribus siccis graminosis, 26.1.1942, fr. juvenili.
- 26187** RGS, Fazenda do Jaraú p. Quaraí, SW, in campestribus siccis graminosis, 1.1945, fl.

Habit: Prostrate to ascending, occasionally climbing.

Habitat: Very dry grassy to shrubby Campos.

Distribution in RGS: Western Campos only.

General distribution: From Texas to northern Argentina, RGS and Uruguay.

SESBANIA Scop.

Sesbania marginata Benth.,

FB 15,1 (1859) 43, tab. 7; Herter, Flor. Urug. (1930) 72; Malme, Ark. f. Bot. 23A, n. 13 (1931) 21; Burkart, Leg. Arg. (1952) 207; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 127 et passim.

- 1507** RGS, Morro da Pólicia p. P. Alegre, NEL, in paludosis dumosis, 15.2.1935, fl., fr. semievoluta.
- 11041** RGS, Higienópolis p. P. Alegre, NEL, in paludosis dumosis, 3.2.1943, fl., leg. K. Emrich.
- 29674** RGS, Ipanema p. P. Alegre, NEL, in arenosis ripariis, 30.1.1945, fl., leg. K. Emrich.
- 31509** SC, Sombrio p. Araranguá, in humidis subnudis, 2.2.1946, fr.
- 40161** RGS, Guaíba p. P. Alegre, NEL, ad flumen in arenosis, 24.1.1949, fr.
- 40720** RGS, Cristal p. P. Alegre, NEL, in arenosis ripariis, 31.3.1949, fl.
- 44758** RGS, Lagoa dos Barros p. Osório, NEC, in humidis, 14.12.1949, fl.
- 46632** RGS, Barra do Ribeiro p. P. Alegre, NEL, in paludosis, 5.4.1950, fr.
- 46679** RGS, Viamão p. P. Alegre, NEL, in subpaludosis, 10.4.1950, fr.
- 53367** RGS, Caaró p. S. Luiz, NWH, in humidis dumosis, 24.11.1952, folium.
- 63781** RGS, Pelotas, SEC, in humidis, 11.3.1958, fl., leg. J. Sacco 1014.

Habit: Shrub, up to 3 m high.

Habitat: Wet to swampy places, sometimes isolated.

Distribution in RGS: Southern and western halves of the State.

General distribution: From Matogrosso and Paraguay through the Argentine Mesopotamia down to Uruguay and RGS.

Sesbania punicea (Cav.) Benth.,

FB 15,1 (1859) 43; Herter, Flor. Urug. (1930) 72; Malme, Ark. f. Bot. 23A, n. 13 (1931) 21; Burkart, Leg. Arg. (1952) 267; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 127 et passim. — *Piscidia punicea* Cav. Ic. 4,8 (1797) tab. 316.

- 364** RGS, Juca Bátista p. P. Alegre, NEL, in arenosis ripariis, 14.1. 1933, fl.
- 7328** RGS, S. Leopoldo, NEL, in humidis, 1907, fl., leg. F. Theissen SJ.
- 7331** RGS, ibidem, 1907, fl. nondum aperto, leg. F. Theissen SJ.
- 25061** RGS, ibidem, 1943, fl., leg. A. Reckziegel.
- 25755** RGS, Fazenda Sta. Cecília p. S. Gabriel, SW, in subpaludosis dumosis, 1.1944, fl., fr.
- 26401** RGS, Fazenda das Almas p. Palmares, NEL, in humidis dumosis, 1.1945, fl., fr., leg. P. Buck SJ.
- 27580** RGS, Pareci p. Montenegro, NEL, in humidis, 1944, ster., leg. E. Henz SJ.
- 32774** RGS, Pareci ad flumen in dumosis, 25.11.1945, fl., leg. E. Henz SJ.
- 34326** RGS, Ponta Grossa p. P. Alegre, NEL, in paludosis alte dumosis, 1946, fl., leg. I. Corseuil.
- 34423** Paraná, Paranaguá, in subhumidis dumosis, 22.10.1946, fl., leg. G. Hatschbach 380.
- 35420** RGS, S. Leopoldo, NEL, in paludosis dumosis, 28.10.1946, fl., leg. L. Stahl SJ.
- 37181** RGS, Sobradinho, CH, in humidis dumosis, 1.1948, fl., fr., leg. J. Becker.
- 39115** RGS, Itapoan p. fl. Guaíba, NEL, in arenosis humidis dumosis, 22.12.1948, fr. maturo.
- 40158** RGS, Guaíba p. P. Alegre, NEL, ad flumen in humidis arenosis, 24.1.1949, fl., fr. juvenili.
- 44348** RGS, ad fl. Gravataí p. P. Alegre, NEL, in subpaludosis solitaria, 11.11.1949, fl.
- 45923** RGS, Lagoa dos Quadros p. Torres, NEC, ad lacum in humidis, 21.2.1950, fl. nondum evoluto.
- 47746** RGS, Campestre p. Montenegro, NES, ad rivum in dumosis, 17.11.1949, fl., Leg. A. Sehnem SJ 4074.
- 48775** RGS, Lagoa dos Quadros p. Torres, NEC, in humidis arenosis, 18.1.1951, fr. juvenili.
- 49284** RGS, Gravataí p. P. Alegre, NEL, in subpaludosis dumosis, 1.12.1950, fl.
- 49741** RGS, Lagoa dos Quadros p. Torres, NEC, ad lacum in dumosis, 18.1.1951, fl.
- 50627** RGS, Montenegro, ad fl. in dumosis, 28.12.1949, fl.
- 52231** RGS, Palmares p. Lagoa dos Patos, NEL, in humidis arenosis, 1.1951, fl., leg. E. Henz SJ.
- 52815** RGS, Caracol p. Canela, NEH, in ripariis dumosis, 18.2.1953, fr. submaturo, leg. K. Emrich.

- 55502** SC, Laguna, prope litus in arenosis humidis, 22.12.1951, fl., leg. R. Reitz 4682, det. Burkart.
- 63344** RGS, Pelotas, SEC, in humidis, 27.12.1954, fl., leg. J. Sacco 260.
- 63345** RGS, ibidem, 27.12.1954, fr. submaturo, leg. J. Sacco 260.
- 63542** RGS, Fazenda do Arroio p. Osório, NEC, in humidis, 23.1.1958, fr. submaturo.

Habit: Much like the preceding species.

Habitat: The same ecological niches as the foregoing species.

Distribution in RGS: Southern half of the State, apparently absent from the northeastern Highlands.

General distribution: From the Lower Paraná River to B. Aires and eastward to Uruguay and RGS.

STYLOSANTHES Sw.

Stylosanthes gracilis H. B. K.,

Nov. Gen. Spec. 6 () 507, tab. 596; Burkart, Leg. Arg. (1952) 307; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 27 et passim. — *S. guyanensis*, Sw. var. *gracilis* (Sw.) Vog., Benthham, 15.1 (1859) 92.

1392 RGS, Portão p. S. Leopoldo, in campestribus siccis graminosis, 18.11.1934, fl., fr.

26179 RGS, Fazenda do Jarau p. Quarai, SW, in campestribus siccis subdumosis, 1.1945, fl., fr.

39770 RGS, Pareci p. Montenegro, NEL, in campestribus alte graminosis, 14.1.1949, fl., fr.

53030 RGS, Sto. Angelo, NWH, in campestribus graminosis, 17.11.1952, fl., fr.

58881 RGS, Estação de Silvicultura p. Sta. Maria, CL, in campestribus graminosis, 28.2.1956, fl., leg. O. Camargo.

58995 RGS, ibidem, 26.1.1956, fl., fr., leg. O. Camargo 110.

63554 RGS, Fazenda do Arroio p. Osório, NEC, in arenosis, 23.1.1958, fl.

Habit: Ascending to erect, densely branched from the base, branches up to 50 cm long.

Habitat: Very dry, grassy Campo.

Distribution in RGS: Campos area of the southern and western half of the State.

General distribution: Northeastern Argentina, Uruguay and RGS.

Stylosanthes leiocarpa Vog.,

Linnaea 12 (1838) 64; Benthham, FB 15.1 (1859) 92; Herter, Flor. Urug. (1930) 72; Malme, Ark. f. Bot. 23A, n. 13 (1931) 24; Burkart, Darwiniana 3 (1939) 243, fig. 14 h-p; Burkart, Leg. Arg. (1952) 307; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) passim.

- 369** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 13.1.1933, fl., fr.
- 7337** RGS, S. Leopoldo, NEL, in siccis graminosis, 1907, fl., fr., leg. F. Theissen SJ.
- 8452** RGS, Arroio dos Ratos p. S. Jerônimo, NEL, in campestribus siccis graminosis, 8.1.1942, fl., fr.
- 9713** RGS, Tupanciretan, NWH, in campestribus siccis graminosis, 29.1.1942, fl., fr.
- 11021** RGS, Sta. Maria, CL, in campestribus siccis graminosis, 30.1.1938, fl., leg. W. Rau.
- 11823** RGS, Caixa d'Água p. P. Alegre, NEL, in campestribus siccis graminosis, 12.12.1940, fl., fr., leg. K. Emrich.
- 25064** RGS, S. Leopoldo, NEL, in campestribus siccis graminosis, 1943, fl., fr., leg. A. Reckziegel.
- 25800** RGS, Fazenda Sta. Cecília p. S. Gabriel, SW, in campestribus siccis graminosis, 1.1944, fl., fr.
- 26410** RGS, Fazenda das Almas p. Palmares, in arenosis graminosis, 1.1945, fl., fr., leg. P. Buck SJ.
- 28018** RGS, Tramandaí p. Osório, NEC, in arenosis graminosis, 1.1945, fl., fr., leg. P. Gonçalves.
- 28218** RGS, Nonoai ad fl. Uruguay, NWU, in campestribus siccis graminosis, 3.1945, fl., fr.
- 30602** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 27.11.1945, ster.
- 31983** RGS, sine die, sine loco, fl., fr.
- 33229** RGS, Pareci p. Montenegro, NEL, in campestribus siccis graminosis, 5.12.1945, ster., leg. E. Henz SJ.
- 38393** RGS, Sapucaia p. S. Leopoldo, NEL, in campestribus graminosis, 29.11.1948, fl., fr.
- 38828** RGS, Conceição p. Caí, NEL, in arenosis graminosis, 14.12.1948, fl.
- 38918** S. Leopoldo, NEL, in campestribus siccis graminosis, 17.12.1948, fl., fr.
- 39620** RGS, Cachoeirinha p. Gravataí, NEL, in campestribus siccis graminosis, 7.1.1949, fl., fr.
- 40675** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, fl., fr.
- 41340** RGS, Morretes p. P. Alegre, NEL, in campestribus arenosis graminosis, 2.5.1949, fl., fr.
- 44569** RGS, Osório, NEC, in arenosis graminosis, 24.11.1949, fl., fr.
- 46654** RGS, Barra do Ribeiro p. P. Alegre, NEL, in arenosis graminosis, 5.4.1950, fl., fr.
- 51747** RGS, Morro Grande p. Osório, NEC, in arenosis, 10.1.1952, fl., fr.
- 54850** RGS, Torres, NEC, prope litus in arenosis, 11.2.1954, fl., fr.
- 56467** RGS, ibidem, in arenosis herbosis, 19.1.1955, fl., fr.
- 57871** RGS, Cruz Alta, NWH, in graminosis, 2.1.1954, fl., leg. J. Piúetta 1020.

- 59225** RGS, ad montem Sapucaia p. S. Leopoldo, NEL, in graminosis, 3.2.1956, fl., fr.
- 59310** RGS, Estação de Silvicultura p. Sta. Maria, CL, in campestribus siccis, 10.3.1956, fl., leg. O. Camargo 19.
- 61758** RGS, Taquarí, CL, in campestribus siccis graminosis, 8.12.1957, fl., fr., leg. O. Camargo 2777.
- 62942** RGS, ibidem, 10.12.1957, fl., fr., leg. O. Camargo 3052.
- 64242** RGS, P. Alegre, NEL, in campestribus, 3.1958, fl., leg. J. Mattos.

Habit: Prostrate to ascending, densely branched from the base, branches up to 40 cm long.

Habitat: On dry, grassy Campos.

Distribution in RGS: Over the whole of the Campos area.

General distribution: South Brazil to RGS and Uruguay.

Stylosanthes montevidensis Vog.,

Linnaea 12 (1938) 67; Bentham, FB 15,1 (1859) 92; Herter, Flor. Urug. (1930) 72; Malme, Ark. F. Bot. 23A, n. 13 (1931) 24; Burkart, Darwiniana 3 (1939) 231, fig. 17, tab. 17; Burkart, Leg. Arg. (1952) 307; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 127 et passim.

- 1365** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 13.2.1932, fl., fr.
- 3859** RGS, Morro Vigia p. Livramento, SW, in campestribus siccis graminosis, 12.1.1941, fl., fr.
- 4091** RGS, Quarai, SW, in campestribus alte graminosis, 14.1.1941, fl., fr.
- 6801** SC, Lages, in campestribus siccis graminosis, 1935, fl., fr., leg. A. Bruxel SJ.
- 8798** RGS, Bom Jesus, NEH, in campestribus siccis subdumosus, 15.1.1942, fl.
- 8981** RGS, ibidem, 16.1.1942, fl., fr.
- 9441** RGS, Jarí p. Tupanciretan, NWH, in campestribus graminosis, 27.1.1942, fl., fr.
- 9756** RGS, Tupanciretan, NWH, in campestribus dumosus, 29.1.1942, fl., fr.
- 10076** RGS, Ijuisinho p. Tupanciretan, NWH, in campestribus siccis graminosis, 30.1.1942, fl., fr.
- 11026** RGS, Sta. Maria, CL, in campestribus siccis graminosis, 6.3.1947, fl., fr., leg. W. Rau.
- 25691** RGS, Fazenda Sta. Cecília p. S. Gabriel, SW, in campestribus siccis graminosis, 1.1944, fl., fr.
- 26278** RGS, Fazenda do Jarau, SW, in campestribus siccis graminosis, 1.1945, fl., fr.
- 28440** RGS, Nonoai ad fl. Uruguay, NWU, in campestribus siccis graminosis, 3.1945, fl., fr.
- 28652** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 4.1943, fl., fr., leg. P. Buck SJ.

- 30755** RGS, Vila Oliva p. Caxias, NEH, in campestribus siccis dumosis, 29.11.1946, fl., fr.
- 31661** RGS, Canoas p. P. Alegre, NEL, in campestribus graminosis, 27.11.1945, fl., fr., leg. M. Frank.
- 31715** SC, Sombrio p. Araranguá, in arenosis dumosis, 7.2.1946, fl., fr.
- 32358** RGS, Vacaria, NEH, in campestribus siccis graminosis, 27.12.1946, fl., fr.
- 35046** RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus graminosis, 11.1.1947, fl., fr.
- 36204** RGS, Cambará p. S. Francisca de Paula, NEH, in campestribus siccis graminosis, 2.1948, fl., fr.
- 38640** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 17.11.1948, fl., fr.
- 39633** RGS, Cachoeirinha p. Gravataí, NEL, in campestribus siccis graminosis, 7.1.1949, fl., fr.
- 39695** RGS, Morro das Abertas p. P. Alegre, NEL, in campestribus saxosis graminosis, 9.1.1949, fl., fr.
- 41439** RGS, Estação Azevedo p. Montenegro, NEL, in campestribus siccis dumosis, 6.5.1949, fl., fr.
- 45170** RGS, Fazenda do Arroio p. Osório, NEC, in arenosis subnudis, 4.1.1950, fl., fr.
- 48151** Paraná, Eng. Bley p. Lapa, in campestribus siccis graminosis, 30.1.1949, fl., fr., leg. G. Hatschbach 1174, det. Burkart.
- 53025** RGS, Sto. Angelo, NWH, in campestribus graminosis, 17.11.1952, fl., fr..
- 55018** RGS, Vila Oliva p. Caxias, NEH, in campestribus alte graminosis, 24.2.1954, fl., fr.
- 59007** RGS, Estação de Silvicultura p. Sta. Maria, CL, in campestribus dumosis, 2.1.1956, fl., fr., leg. O. Camargo 131.
- 59078** RGS, Pestana p. Ijuí, NWH, in campestribus graminosis, 26.1.1955, fl., leg. J. Pivetta 1048.

Habit: Erect, wiry, sparingly branched from the base, up to 75 cm high.

Habitat: Dry, grassy to more or less shrubby Campo.

Distribution in RGS: Over the whole of the Campos area.

General distribution: From Paraguay to northern Argentina, Uruguay and RGS.

TEPHROSIA Pers.

Tephrosia adunca Benth.,

in Tayl. Ann. Nat. Hist. 3 (1839) 432; Bentham, FB 15,1 (1859) 47; Herter, Flor. Urug. (1930) 72; Malme, Ark f. Bot. 23A, n. 13 (1931) 21; Burkart, Leg. Arg. (1952) 254; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 128 et passim.

- 1917** RGS, Carauno p. Bom Jesus, NEH, in campestribus siccis dumosis, 25.5.1935, fl., leg. J. Dutra.
- 2546** RGS, S. Francisco de Paula, NEH, in campestribus siccis graminosis, 14.1.1937, fl., fr. semievoluto.
- 2937** RGS, S. Borja, SW, in campestribus, 1942, fr., leg. F. Baglione.
- 8816** RGS, Bom Jesus, NEH, in campestribus siccis graminosis, 15.1.1942, fl., fr. juvenili.
- 8978** RGS, ibidem, 16.1.1942, fl.
- 9196** RGS, Jarí p. Tupanciretan, NWH, in campestribus siccis graminosis, 26.1.1942, fl.
- 11018** RGS, Lagoa Vermelha, NEH, in campestribus siccis graminosis, 1.1943, fl., leg. E. Friderichs SJ.
- 11556** RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in campestribus siccis graminosis, 1.1944, fl., fr. submaturo, leg. Buck SJ.
- 28491** RGS, Nonoai ad fl. Uruguay, NWU, in campestribus siccis graminosis, 3.1945, fl., fr. semievoluto.
- 30863** RGS, Vila Oliva p. Caxias, NEH, in campestribus siccis graminosis, 29.1.1946, fl., fr. submaturo.
- 32288** RGS, Tainhas p. S. Francisco de Paula, NEH, in campestribus sub-siccis graminosis, 16.2.1946, fl.
- 35027** RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus siccis graminosis, 11.1.1947, fl., fr. submaturo.
- 36203** RGS, Cambará p. S. Francisco de Paula, NEH, in campestribus siccis, 2.1948, fl., fr. juvenili.
- 51905** RGS, Passo da Guarda p. Bom Jesus, NEH, in campestribus graminosis, 15.1.1952, fl.
- 54841** RGS, Vila Manresa p. Caxias, NEH, in campestribus graminosis, 24.2.1954, fl.
- 56291** RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in graminosis, 2.1.1955, fl.
- 59070** RGS, Pestana p. Ijuí, NWH, in campestribus siccis graminosis, 19.2.1954, fl., leg. J. Pivetta 1040.

Habit: Prostrate to ascending, branched from the base, branches up to 40 cm long.

Habitat: Dry, open, grassy Campos.

Distribution in RGS: Campos of the northern Highlands only.

General distribution: Guyana to northeastern Argentina, RGS and Uruguay.

Tephrosia cinerea Pers.,

Syn. 2 (1807) 329; Bentham, FB 15,1 (1859) 48; Herter Flor. Urug. (1930) 72; Burkart, Leg. Arg. (1952) 254; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 128 et passim. — Galega cinerea L., Spec. ed. 10 (1759) 1772.

4145 RGS, Rio Garopá p. Quaraí, SW, in campestribus siccis graminosis, 14.1.1941, fl., fr.

25767 RGS, Fazenda Sta. Cecília p. S. Gabriel, SW, in campestribus siccis graminosis, 1.1944, fl., fr. submaturo.

- 55210** SC, Capetinga p. Chapecó, in campestribus graminosis, 24.1. 1952, fl., leg. R. Reitz 6430, det. Burkart.

Habit: Prostrate to ascending or erect, sparingly branched from a rootstock, branches up to 40 cm long.

Habitat: Dry, grassy Campos.

Distribution in RGS: Southwestern plains only.

General distribution: From Central America to northern Argentina, Uruguay and RGS.

Tephrosia hassleri Chod.,

Bull. Herb. Boiss. 2. sér. 4 (1904) 879; Burkart, Leg. Arg. (1952) 254; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 128 et passim.

- 9111** Jarí p. Tupanciretan, NWH, in campestribus siccis graminosis, 25.1.1942, fl., fr. submature.

- 9467** RGS, ibidem, 27.1.1942, fl., fr. submature.

- 34483** RGS, Cérro Largo p. S. Luiz, NWH, in campestribus siccis graminosis, 6.12.1946, fl., leg. Irm. Augusto.

- 38515** RGS, S. Leopoldo, NEL, in campestribus siccis graminosis, 4.12. 1948, fl., fr. juvenili.

- 53444** RGS, Caaró p. S. Luiz, NWH, in campestribus siccis graminosis, 24.11.1952, fl.

Habit: Prostrate to ascending or erect, sparingly branched from the base, branches up to 50 cm long.

Habitat: Dry grassy Campos.

Distribution in RGS: Northwestern Highlands, northeastern Lowlands.

General distribution: From Paraguay to Misiones and RGS.

TRIFOLIUM L.

Trifolium polymorphum Poir.,

Lam. Enc. méth. 8 (1808) 20; Bentham, FB 15,1 (1859) 36; Herter, Flor. Urug. (1930) 73; Malme, Ark. f. Bot. 23A, n. 13 (1931) 19; Burkart, Leg. Arg. (1952) 345; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 114 et passim.

- 1367** RGS, Morro da Polícia p. P. Alegre, NEL, in subhumidis graminosis, 10.10.1931, fl.

- 8782** RGS, Bom Jesus, NEH, in humidis graminosis, 15.1.1942, fr.

- 8924** RGS, ibidem, 15.1.1942, fl.

- 25951** RGS, Cérro Largo p. S. Luiz, NWH, in subhumidis graminosis, 9.1944, fl., leg. E. Friderichs SJ.

- 29134** RGS, Vila Manresa p. P. Alegre, NEL, in humidis, 12.9.1945, fl.

- 29280** RGS, ibidem, 10.10.1945, fl., det. Burkart.

- 30792** RGS, Vila Oliva p. Caxias, NEH, in paludosis graminosis, 29.1.1946, fl.
- 35026** RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus humidis graminosis, 11.1.1947, fl.
- 36186** RGS, Cambará p. S. Francisco de Paula, NEH, in subpaludosis graminosis, 2.1948, fl.
- 43657** RGS, Morro das Abertas, NEL, in humidis graminosis, 30.9.1949, fl.
- 53297** RGS, Caaró p. S. Luiz, NWH, in campestribus subhumidis graminosis, 24.11.1952, fl.
- 54520** RGS, Taimbesinho p. S. Francisco de Paula, NEH, in paludosis herbosis, 13.11.1953, fl.
- 56970** RGS, Vila Manresa p. P. Alegre, NEL, in humidis graminosis, 4.11.1955, fl.
- 60188** SC, Campo dos Padres p. Bom Retiro, in paludosis graminosis, 23.1.1957, fl.
- 63137** RGS, Uruguaiana, SW, in humidis graminosis, 1957, fl., leg. A. Spies.
- 63172** RGS, ibidem, in humidis, 1957, fl., leg. A. Spies.

Habit: Small, creeping, rooting at the joints, very variable.

Habitat: More or less wet to swampy places.

Distribution in RGS: Over the whole of the Campos area, not frequent.

General distribution: From Chile and Patagonia through central and northern Argentina to Uruguay and RGS.

Trifolium riograndense Burk.,

Darwiniana 3 (1939) 421 cum tab.; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 114.

- 3147** RGS, Tupanciretan, NWH, in campestribus graminosis, sine die, fl., leg. A. A. Araujo, det. Burk.
- 3743** Feliz, NES, in pascuo, 4.1.1941, fl.
- 6619** RGS, Nova Petrópolis, NES, in pascuo, 10.11.1940, fl.
- 6653** RGS, Teutonia p. Estrela, NEL, ad viam in graminosis, 16.11.1940, fl.
- 6724** RGS, Sta. Clara p. Lageado, NEL, in pascuo, 18.11.1940, fl.
- 8545** RGS, Rio dos Touros p. Bom Jesus, NEH, in campestribus graminosis, 13.1.1942, fl.
- 11025** RGS, Sta. Maria, CL, in campestribus graminosis, 1940, fl., leg. W. Rau.
- 28199** RGS, Nonoai ad fl. Uruguay, NWU, in campestribus graminosis, 3.1945, ster.
- 30767** RGS, Vila Oliva p. Caxias, NEH, in campestribus graminosis, 29.1.1946, fl.
- 32346** RGS, Tainhas p. S. Francisco de Paula, NEH, in campestribus graminosis, 17.2.1946, ster.

- 32877** RGS, Kappesberg p. Montenegro, NES, in pascuo, 24.10.1945, fl., leg. E. Friderichs SJ.
- 35023** RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus graminosis, 11.1.1947, fl.
- 36206** RGS, Cambará p. S. Francisco de Paula, NEH, in campestribus graminosis, 2.1948, fl.
- 39990** RGS, Linha Bonita p. Montenegro, NES, in pascuo, 19.1.1949, fl.
- 48601** RGS, Kappesberg p. Montenegro, NES, in pascuo, 27.10.1946, fl., leg. A. Sehnem SJ 2268.
- 53887** RGS, Serra da Rocinha p. Bom Jesus, NEH, in campestribus humidis graminosis, 3.2.1953, fl.
- 56647** RGS, Vila Oliva p. Caxias, NEH, in campestribus graminosis, 8.2.1955, fl.
- 57891** RGS, Pestana p. Ijuí, NWH, in graminosis, 9.11.1953, fl., leg. J. Pivetta 1051.
- 57892** RGS, ibidem, 7.11.1953, fl., leg. J. Pivetta 1050.
- 57893** RGS, ibidem, in humidis graminosis; 9.1.1953, fl., leg. J. Pivetta 1049.
- 59487** RGS, Farroupilha, NEH, in graminosis subhumidis, 30.10.1956, fl., leg. O. Camargo 907.
- 61740** RGS, ibidem, 15.11.1957, fl., leg. O. Camargo 2533.
- 62651** RGS, ibidem, 10.11.1958, fl., leg. O. Camargo 2466.
- 63463** SC, S. Joaquim, in graminosis, 10.1.1958, fl., leg. J. Mattos.
- 63847** RGS, Passo Fundo, CH, in campestribus, 9.1949, fl., misit J. Sacco 41.
- 63848** RGS, ibidem, 9.1949, fl., misit J. Sacco 42.

Habitat: Creeping, abundantly branched from the base, branches rooting at the joints. densely matted together.

Habitat: Grassy Campos, preferably on wet and peaty soil.

Distribution in RGS: Northern Highlands, especially in the East; findplaces in the Lowlands, seems not to be native.

General distribution: Northern RGS.

VICIA L.

Vicia graminea Smith,

Rees., Cycl. 37, n. 27 (1819); Bentham, FB 15,1 (1859) 109; Herter, Flór. Urug. (1930) 73; Malme, Ark. f. Bot. 23A, n. 13 (1931) 31; Burkart, Leg. Arg. (1952) 355; Cabrera, Flór. Alred. B. Aires (1953) 252; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 113 et passim.

1362: RGS, sine loco, sine die, fr.

7342 RGS, S. Leopoldo, NEL, in campestribus dumosiss, 1907, fr., leg. F. Theissen SJ.

- 36192** RGS, Cambará p. S. Francisco de Paula, NEH, in subpaludosis dumosis, 2.1948, fl., fr. juvenili.
- 59065** RGS, Pestana p. Ijuí, NWH, in campestribus dumosis, 17.9. 1953, fl., leg. J. Pivetta 1034.
- 60182** SC, Campo dos Padres p. Bom Retiro, in humidis dumosis, 23.1.1957, fr. imaturo.
- 61729** RGS, Farroupilha, NEH, in dumosis, 18.11.1957, fl., fr. imaturo, leg. O. Camargo 2547.
- 63222** RGS, Uruguaiana, SW, in campestribus, 1957, fl., leg. A. Spies.
- 63509** SC, S. Joaquim, in humidis, 10.1.1958, ster., leg. J. Mattos.

Habit: Ascending to erect or more or less climbing, up to 50 cm high.

Habitat: Wet to swampy places.

Distribution in RGS: Over the whole of the Campos area, nowhere frequent.

General distribution: From Patagonia through central and northern Argentina, Uruguay and RGS; along the Andes up to Mexico.

Vicia montevidensis Vog.

- Linnaea 13 (1839) 34; Bentham, FB 15,1 (1859) 111, tab. 29, fig. 2; Herter, Flor. Urug. (1930) 73; Burkart, Leg. Arg. (1952) 355; Cabrera, Flor. Alred. B. Aires (1953) 252; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 9 et passim.

- 25763** RGS, Fazenda Sta. Cecília p. S. Gabriel, SW, in humidis dumosis scandens, 1.1944, fl. aperto.
- 36201** RGS, Cambará p. S. Francisco de Paula, NEH, in campestribus humidis dumosis, 2.1948, fl., fr. submaturo.
- 49356** RGS, Taimbésinho p. S. Francisco de Paula, NEH, in paludosis alte dumosis, 18.12.1950, fl.
- 53308** RGS, Caaró p. S. Luiz, NWH, in campestribus humidis dumosis, 24.11.1952, fl.

Habit: Prostrate to ascending or climbing, up to 1 m high.

Habitat: Wet to swampy places.

Distribution in RGS: Rare, widely scattered, apparently over the whole of the Campos area.

General distribution: From southern Chile through central Argentina to Uruguay and RGS.

Vicia nana Vog.,

- Linnaea 13 (1839) 37; Bentham, FB 15,1 (1859) 111; Herter, Flor. Urug. (1930) 73; Malme, Ark. f. Bot. 23A, n. 13 (1931) 31; Burkart, Leg. Arg. (1952) 355; Cabrera, Flor. Alred. B. Aires (1953) 252; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 113 et passim.

- 358** RGS, Vila Manresa p. P. Alegre, NEL, in subhumidis dumosis, 5.11.1933, fl.

- 11829** RGS, Montserrat p P. Alegre, NEL, in campestribus dumosis, 22.10.1940, fl., fr. juvenili, leg. K. Emrich.

- 32569** RGS, S. Leopoldo, NEL, in humidis alte dumosis, 10.10.1945, fl., leg. E. Henz SJ.
- 35326** RGS, ibidem, 6.11.1946, fl., leg. E. Henz SJ.
- 38179** RGS, Sapucaia p. S. Leopoldo, NEL, in humidis alte dumosis, 22.11.1948, fr. maturo.
- 43626** RGS, Morro da Polícia p. P. Alegre, NEL, in umbrosis alte dumosis, 28.9.1949, fr.
- 44271** RGS, Sapucaia p. S. Leopoldo, NEL, in campestribus dumosis, 5.11.1949, fl., fr. juvenili.
- 44299** RGS, Esteio p. S. Leopoldo, NEL, in campestribus dumosis, 8.11.1949, fr. maturo.
- 59066** RGS, Pestana p. Ijuí, NWH, in campestribus dumosis, 5.11.1953, fl., leg. J. Pivetta 1035.
- 59476** RGS, Farroupilha, NEH, in incultis, 6.9.1956, fl., leg. O. Camargo 745.
- 59477** RGS, ibidem, 25.5.1956, fl., leg. O. Camargo 705.

Habit: Prostrate to ascending or climbing, up to 50 cm high.

Habitat: More or less wet Campos thickets.

Distribution in RGS: Widely scattered, nowhere frequent.

General distribution: From B. Aires through Uruguay to RGS.

Vicia selloi Vog.,

Linnaea 13 (1839) 33; Burkart, Leg. Arg. (1952) 355; Cabrera, Flor. Alred. B. Aires (1953) 252. — V. graminea Smith, Bentham, 15,1 (1959) 109.

- 2936** RGS, S. Borja, SW, in campestribus dumosis, 1942, fr., leg. Fr. Baglione.
- 26751** RGS, Cérro Largo p. S. Luiz, NWH, in dumosis, 8.1944, fl., fr. juvenili, leg. E. Friderichs SJ.
- 43901** RGS, ad.fl. Caí inferior p. P. Alegre, NEL, in campestribus dumosis, 12.10.1949, fl., fr. submaturo.
- 52502** Uruguay, Juan Jackson p. Soriano, in campestribus dumosis, 11.1945, fl., fr. juvenili, leg. Rosengurtt PE-5560.
- 52503** RGS, Caixa de Agua p. P. Alegre, NEL, in campestribus dumosis, 28.9.1944, fl., fr. juvenili, leg. K. Emrich.
- 61325** RGS, Pestana p. Ijuí, NWH, in campestribus, 28.9.1956, fl., leg. J. Pivetta 1233.
- 61326** RGS, ibidem, 19.9.1956, fl., leg. J. Pivetta 1234.
- 62025** RGS, Farroupilha, NEH, in dumosis, 4.10.1957, fl., leg. O. Camargo 1853.

Habit: Ascending to erect or climbing; smallest and weakest of all Riograndean species.

Habitat: Dry to wet shrubby Campos.

Distribution in RGS: Widely scattered, nowhere frequent.

General distribution: Northeastern Argentina and Uruguay; RGS.

VIGNA Savi

Vigna luteola (Jacq.) Benth.,

FB 15,1 (1859) 194; Herter, Flor. Urug. (1930) 73; Burkart, Leg. Arg. (1952) 418; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 128 et passim. — *Vigna repens* (L.) O. K., Malme, Ark. f. Bot. 23A, n. 13 (1931) 39.

52286 Paraná; Paranaguá, in arenosis ad litus, 31.12.1949, fr., leg. G. Hatschbach 1689, det. Burkart.

55501 SC, Laguna, ad litus in arenosis herbosis, 19.9.1951, fl., leg. R. Reitz 4679, det. Burkart.

56226 RGS, Torres, NEC, prope litus in arenosis, 12.11.1954, fl.

Habit: Prostrate to ascending or climbing.

Habitat: Wet places.

Distribution in RGS: Sea coast only.

General distribution: From southern USA to B. Aires and Chile.

ZORNIA Gmel.

Zornia diphylla (L.) Pers.,

Ench. 2 (1807) 318; Bentham, FB 15,1 (1859) 80, tab. 21,22; Herter, Flor. Urug. (1930) 73; Malme, Ark. f. Bot. 23A, n. 13 (1931) 24; Burkart, Leg. Arg. (1952) 305; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 129 et passim. — *Hedysarum diphyllum* L., Spec. Plant. (1753) 747.

27066 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 10.1944, fl., fr.

27163 RGS, ibidem, 10.1944, fl., fr.

28233 RGS, Nonoai ad fl. Uruguay, NWU, in campestribus siccis graminosis, 3.1945, fl., fr.

29230 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 3.10.1945, fl.

33893 RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis graminosis, 8.11.1948, fl., fr.

36998 RGS, Morro do Osso p. P. Alegre, NEL, in campestribus siccis graminosis, 9.11.1947, fl., fr., leg. M. Frank.

38086 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 17.11.1948, fl., fr.

40878 RGS, Granja Neugebauer p. Itapoan, NEL, in campestribus siccis graminosis, 3.4.1949, fl., fr.

41022 RGS, Morro Agudo p. P. Alegre, NEL, in campestribus siccis graminosis, 13.4.1949, fl., fr.

- 43659** RGS, Morro das Abertas p. P. Alegre, NEL, in campestribus siccis graminosis, 30.9.1949, fl.
- 44466** RGS, Granja Neugebauer, NEL, in campestribus siccis graminosis, 19.11.1949, fl., fr.
- 53318** RGS, Caardó p. S. Luiz, NWH, in campestribus graminosis, 24.11.1952, fl., fr.
- 55225** SC, Mafra, in campestribus dumosum, 26.1.1953, fl., fr., leg. R. Reitz 6454, det. Burkart.
- 55235** SC, Laguna, prope litus in arenosis, 10.11.1951, fl., fr., leg. R. Reitz 4983, det. Burkart.
- 56872** Paraná, Palmeiras, in campestribus graminosis, 2.1955, fl., leg. M. Frank.
- 58581** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 8.2.1956, fl.
- 58780** RGS, Estação de Silvicultura p. Sta. Maria, CL, in campestribus siccis graminosis, 4.3.1956, fl., fr., leg. O. Camargo 243.
- 58814** RGS, ibidem, 1.3.1956, fl., fr., leg. O. Camargo 159.

Habit: Prostrate to ascending or erect, abundantly branched from a rootstock, branches densely matted, up to 40 cm. long.

Habitat: Very dry, open, grassy Campos.

Distribution in RGS: Over the whole of the Campos area.

General distribution: Through the greater part of tropical and subtropical America.

Zornia gracilis DC.,

Prodr. 2 (1825) 316; Burkart, Leg. Arg. (1952) 305; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 129 et passim. — *Zornia diphylla* (L.) Pers., var. *gracilis* (DC.) Bentham, FB 15,1 (1859) 83, tab. 21, fig. 2.

- 2934** RGS, S. Borja, SW, in campestribus graminosis, 1942, fl., leg. Fr. Baglione.
- 7333** RGS, S. Leopoldo, NEL, in siccis graminosis, 1907, fl., fr., leg. F. Theissen SJ.
- 8144** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 13.1.1933, fl.
- 25020** RGS, S. Leopoldo, NEL, in campestribus dumosum, 1943, fl., fr., leg. A. Reckziegel.
- 26969** RGS, Vila Manresa p. P. Alegre, NEL, in siccis graminosis, 10.1944, fl., fr.
- 28859** SC, Trindade p. Florianópolis, in arenosis graminosis, 5.2.1945, fl., leg. A. Rohr SJ.
- 31653** RGS, Viamão p. P. Alegre, NEL, in arenosis siccis dumosum, 25.10.1945, fl., leg. K. Emrich.
- 33710** Paraná, in arenosis siccis graminosis, 19.4.1946, fl., leg. G. Hatschbach.
- 35673** RGS, S. Leopoldo, NEL, in arenosis dumosum, 5.12.1946, fl., fr., leg. L. Marobin SJ.

- 38205** RGS, Sapucaia p. S. Leopoldo, NEL, in arenosis subhumidis, 22.11.1948, fl., fr.
- 38832** RGS, Conceição p. Caí, NEL, in campestribus arenosis, 14.12.1948, fl., fr.
- 39723** RGS, Pareci p. Montenegro, NEL, in campestribus siccis graminosis, 14.1.1949, fl., fr.
- 44516** RGS, Lagoa dos Barros p. Osorio, NEC, in arenosis siccis graminosis, 24.11.1949, fl., fr.
- 45113** RGS, Fazenda do Arroio p. Osório, NEC, in arenosis siccis graminosis, 4.1.1950, fl., fr.
- 51743** RGS, Morro Grande p. Osório, NEC, in arenosis, 10.1.1952, fl., fr.
- 53406** RGS, Caaró p. S. Luiz, NWH, in campestribus graminosis, 24.11.1952, fl.
- 57869** RGS, Pestana p. Ijuí, NWH, in campestribus, 1955, fl., leg. J. Pivetta 1022.
- 59223** RGS, ad montem Sapucaia p. S. Leopoldo, NEL, in graminosis, 3.2.1956, fl.
- 61339** RGS, Pestana p. Ijuí, NWH, in campestribus, 16.2.1956, fl., leg. J. Pivetta 1172.
- 63869** RGS, Pelotas, SEC, in campestribus, 17.12.1957, fl., fr., leg. J. Sacco 876.

Habit: Erect, simple or sparingly branched from the base, branches wiry, slender, up to 50 cm high.

Habitat: Dry, grassy or more or less bare places.

Distribution in RGS: Apparently over the whole of the Campos area, very frequent near the northeastern sea coast.

General distribution: Northern Argentina, RGS.

Zornia latifolia DC,

Prodr. 2 (1825) 317; Malme, Ark. f. Bot. 23A, n. 13 (1931) 24; Burkart, Leg. Arg. (1952) 305; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 129 et passim.

- 4524** RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in campestribus graminosis, 8.2.1941, fl., fr.
- 4826** RGS, Passo do Inferno p. Canela, NEH, in campestribus siccis graminosis, 10.2.1941, fl., fr.
- 8398** RGS, Montserrat p. P. Alegre, NEL, in campestribus siccis graminosis, 1941, fl., fr., leg. K. Emrich.
- 8508** RGS, Rio dos Touros p. Bom Jesus, NEH, in campestribus graminosis, 13.1.1942, fl., fr.
- 9073** RGS, Bom Jesus, NEH, in graminosis, 16.1.1942, fl., fr.
- 9667** RGS, Tupanciretan, NWH, in campestribus siccis graminosis, 28.1.1942, fl., fr.
- 9712** RGS, ibidem, 29.1.1942, fr.

- 26181** RGS, Fazenda do Jarau p. Quaraí, SW, in campestribus siccis graminosis, 1.1945, fl., fr.
- 27086** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis dumosis, 10.1944, fl.
- 28234** RGS, Nonoai ad fl. Uruguay, NWU, in campestribus siccis graminosis, 3.1945, fl., fr.
- 28235** RGS, ibidem, in incultis, 3.1945, fl.
- 29409** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 7.11.1945, fl., fr.
- 32294** RGS, Tainhas p. S. Francisco de Paula, NEH, in campestribus graminosis, 16.2.1946, fl.
- 33688** Paraná, in campestribus siccis graminosis, 8.2.1946, fl., fr., leg. G. Hatschbach.
- 35057** RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus siccis graminosis, 11.1.1947, fl., fr.
- 35058** RGS, ibidem, 11.1.1947, fl., fr.
- 35196** RGS, Cambará p. S. Francisco de Paula, NEH, in campestribus graminosis, 2.1948, fl., fr.
- 38036** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 17.11.1948, fl., fr.
- 55196** SC, Massiambú p. Palhoça, in arenosis herbosis, 6.2.1953, fl., fr., leg. R. Reitz 6414, det. Burkart.
- 55209** SC, Capetinga p. Chapecó, in campestribus dense graminosis, 24.1.1952, fl., fr., leg. R. Reitz 6429, det. Burkart.
- 56482** RGS, Torres, NEC, in arenosis herbosis, 19.1.1955, fl.
- 63157** RGS, Uruguaiana, SW, in campestribus, 1957, fl., leg. A. Spies.
- 63178** RGS, ibidem, leg. A. Spies.
- 63550** RGS, Fazenda do Arroio p. Osório, NEC, in arenosis, 23.1.1958, fl., fr.

Habit: Extremely variable, from prostrate through ascending to upright, branches up to 50 cm long.

Habitat: Dry, open, grassy, especially sandy Campos.

Distribution in RGS: Over the whole of the Campos area.

General distribution: Northeastern Argentina, Uruguay, South Brazil.

Zornia latifolia DC.,

var. **villosa** Malme, Ark. f. Bot. 23A, n. '13 (1931) 24, fig. 2; Rambo, An. Bot. Herb. Barb. Rodr. 5 (1953) 129 et passim.

370 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 13.1.1933, fl., fr.

2193 RGS, Campestre p. Montenegro, NES, in pascuo, 27.12.1935, fl., fr.

8388 RGS, Caixa de Agua p. P. Alegre, NEL, in campestribus siccis graminosis, 12.1.1941, fl., fr., leg. K. Emrich.

9435 RGS, Jarí p. Tupanciretan, NWH, in campestribus siccis dumosis, 27.1.1942, fl., fr.

- 9668** RGS, Tupanciretan, NWH, in campestribus siccis graminosis, 28.1.1942, fl., fr.
- 9714** RGS, ibidem, 29.1.1942, fl., fr.
- 9937** RGS, ibidem, 24.1.1942, fl., fr.
- 10001** RGS, Ijuisinho p. Tupanciretan, NWH, in campestribus siccis saxosis, 30.1.1942, fl., fr.
- 10080** RGS, ibidem, 30.1.1942, fl., fr.
- 26968** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 10.1944, fl., fr.
- 28238** RGS, Nonoai ad fl. Uruguay, NWU, in campestribus siccis graminosis, 3.1948, fl., fr.
- 29414** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 7.11.1945, fl., fr.
- 30760** RGS, Vila Oliva p. Caxias, NEH, in campestribus siccis dumosis, 29.1.1946, fl., fr.
- 35059** RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus siccis graminosis, 11.1.1947, fl., fr.
- 38133** RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis graminosis, 20.11.1948, fl., fr.
- 39217** RGS, ibidem, 27.12.1948, fl., fr.
- 51697** RGS, Passo do Socorro p. Vacaria, NEH, in campestribus graminosis, 28.12.1951, fl., fr.
- 55039** RGS, Vila Oliva p. Caxias, NEH, in campestribus graminosis-24.2.1954, fl., fr.
- 57870** RGS, Pêstana p. Ijuí, NWH, in campestribus, 26.1.1955, fl., leg. J. Pivetta 1021.

Habit: Always erect, sparingly branched from the base, up to 40 cm high.

Habitat: Dry, open, grassy Campos.

Distribution in RGS: Apparently over the whole of the Campos area.

General distribution: So far, RGS only.

LEGUMINOSAE cited for RGS,

not present in the Herbarium Anchieta (38 species)

MIMOSOIDEAE (16 species)

- Calliandra** bicolor Benth.: South Brazil, Uruguay, southern RGS (Malme, 1931).
- Mimosa** capillipes Benth.: Minas Gerais, Misiones, RGS (Malme, 1931).
Mimosa diffusa Benth.: South Brazil, RGS (Malme, 1931).
Mimosa lasiocephala Benth.: South Brazil, RGS (Malme, 1931).
Mimosa lucidula Benth.: RGS (Dutra, in herbario).
Mimosa oblonga Benth.: South Brazil, RGS (Malme, 1931).
Mimosa orthacantha Benth.: RGS (Malme, 1931).
Mimosa paraguariae Mich.: RGS (Malme, 1931; Bornmüller, 1934).
Mimosa ramulosa Benth.: RGS (Malme, 1931).

- Mimosa rupestris* Benth.: Minas Gerais, RGS, Uruguay (Malme, 1931).
Mimosa setipes (Benth.) Benth.: Misiones, RGS (Malme, 1931).
Mimosa sparsa Benth.: Southern RGS (Malme, 1931).
Mimosa sprengelii DC.: Uruguay (Herter, 1930; RGS, Malme, 1931).
Mimosa trachycarpa Benth.: Uruguay, RGS (Burkart det.; specimen lost).
Mimosa uliginosa Chod. et Hassl.: Misiones, Paraguay, RGS (Burkart, 1948).
Mimosa uruguayensis Burk.: RGS (Malme, 1931, sub *M. implexa* Benth.).

CAESALPINIOIDEAE (6 species)

- Caesalpinia*** *pilosa* (Vog.) Benth.: RGS (Malme, 1931; Bornmüller, 1934).
Cassia *chamecrista* L.: RGS (Bentham, 1870).
Cassia hilariana Benth.: RGS (Bentham, 1870).
Cassia leptocarpa Benth.: RGS (Bornmüller, 1934).
Cassia stenocarpa Vog.: RGS (Bornmüller, 1937).
Cassia sulcata DC.: RGS (Malme, 1931; Dutra, in herbario).

PAPILIONATAE (14 species)

- Adesmia*** *incana* Vog.: RGS (Malme, 1931).
Aeschynomene *virginica* (L.) Britt.: RGS (Malme, 1931).
Arachis *villosa* Bentham: RGS (Malme, 1931).
Desmodium *cajanifolium* (H. B. K.) DC.: RGS (Bornmüller, 1934).
Desmodium discolor Vog.: RGS (Dutra, in herbario).
Desmodium subsericeum Malme: RGS (Malme, 1931).
Desmodium venosum Vog.: RGS (Malme, 1931).
Lathyrus *nitens* Vog.: RGS (Malme, 1931).
Lathyrus parananensis Burk.: RGS (Burkart, 1935).
Lupinus *multiflorus* Desr.: RGS (Malme, 1931).
Phaseolus *psammodes* Lindm.: RGS (Malme, 1931).
Tephrosia *rufescens* Benth.: RGS (Malme, 1931).
Vicia *micrantha* Hook. et Arn.: RGS (Malme, 1931?).
Vicia obscura Vog.: RGS (Malme, 1931).

LEGUMINOSAE: CULTIVATED, ESCAPES, WEEDS (51 species)

MIMOSOIDEAE (7 species)

- Acacia*** *decurrens* Willd.: 2564, 26821, 27188, 28964, 34409, 42755, 57412, 57413, 57414, 59930, 62055.

- Acacia** longifolia Willd.: 613, 26820, 47299, 58789.
Acacia melanoxylon R. Br.: 52487.
Acacia podalyriifolia A. Cunn.: 2742, 27359, 28671, 42722, 48648, 57911, 58773.
Acacia retinodes Schlecht.: 782.
Leucaena glauca (L.) Benth.: 26817, 33056.
Mimosa pudica L.: 172, 25338, 25459, 34520, 36832, 55506, 57922.

CAESALPINIOIDEAE (11 species)

- Caesalpinia** echinata Lam.: 11900.
Caesalpinia ferrea Mart.: 8289, 11903, 27361, 34271, 60684.
Caesalpinia peltophoroides Benth.: 60687.
Caesalpinia sepiaria Roxb.: 43629.
Cassia alata L.: 4980, 11980, 28880, 30540.
Cassia bacillaris L.: 10979, 25868, 58772.
Cassia speciosa Schrad.: 60765.
Ceratonia siliqua L.: 37003.
Cercis siliquastrum L.: 11803.
Gleditschia triacanthos L.: 2053, 32725, 49100, 57410.
Poinciana regia Bojer: 6480, 25399.

PAPILIONATAE (33 species)

- Abrus** precatorius L.: 51287.
Arachis hypogaea L.: 1900, 28369, 59867.
Cajanus indicus Spreng.: 1395, 8303, 25344, 25410, 27559, 28827, 47748.
Crotalaria juncea L.: 374.
Cymbosema roseum Benth.: 61189.
Dioctria violacea Mart.: 2774, 23272, 48236, 55504.
Erythrina speciosa Andr.: 27389, 54235, 55510.
Lathyrus sativus L.: 2208, 52504, 59076, 60088.
Lens esculenta L.: 1401, 27271, 37886, 43351, 43595, 63949.
Lupinus angustifolius L.: 2038, 7327, 28195.
Lupinus albus L.: 1384, 27174.
Lupinus luteus L.: 4929, 5371, 25022.
Medicago hispida Gaertn.: 640, 1366, 3585, 6673, 8474, 29248, 27175, 31920, 35313, 35473, 44344, 52257, 55238, 57874, 61226, 61894.
Medicago lupulina L.: 2192.
Medicago sativa L.: 362, 28430, 30535, 32982, 57082, 61611.
Melilotus albus Medik.: 2932, 11037, 31356, 33214, 48401, 59074, 63296.
Melilotus indicus (L.) All.: 361, 11008, 53130, 63168, 63852.
Phaseolus vulgaris L.
Pisum sativum L.: 30640.

Pueraria thunbergiana (Sieb. et Zucc.) Benth.: 57179.
Robinia pseudacacia L.: 1383, 51107, 57409.
Spartium juncinum L.: 33811, 44137, 61515.
Tipuana tipu (Benth.) O. K.: 136, 11028, 27319, 29430, 57399.
Trifolium campestre Schreber: 6587, 11013, 27837, 28046, 31394, 35357, 37523, 40273, 42515, 45054, 47745, 51056, 52258, 57875, 62101, 63850.
Trifolium hispidum L.: 63851.
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Vicia sativa L.: 365, 7329, 37542, 62054.
Wistaria sinensis Sweet: 2009, 11806, 25021, 37038, 62226.

RESUMO

O autor enumera 231 espécies em 56 gêneros de Leguminosas riograndenses presentes em seu Herbário particular.

ZUSAMMENFASSUNG

Der Verfasser zählt 231 Arten in 56 Gattungen aus der Familie der Leguminosen auf, die im südlichsten Staate Brasiliens, Rio Grande do Sul gesammelt worden sind und sich in seinem Privatherbarium vorfinden.

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