

PESQUISAS

Botânica, nr. 21

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B. RAMBO, S.J.

VERBENACEAE RIOGRANDENSES

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B. RAMBO SJ.

RESUMO

O autor enumera 69 espécies em 12 gêneros da família das Verbenaceae, presentes em seu Herbário particular e coletadas no Rio Grande do Sul.

ZUSAMMENFASSUNG

Der Verfasser zählt 69 Arten in 12 Gattungen aus der Familie der Verbenaceen auf, die sich in seinem Herbar vorfinden und im State Rio Grande do Sul, Südbrasilien, gesammelt worden sind.

— 0:0 —

Schauer (1851), in his monograph of the Verbenaceae of Brazil, cites 9 species as found in RGS; **Lindman** (1900), in Vegetationen i Rio Grande do Sul, makes passing mention of 15 species; **Briquet** (1904) examined 14 Riograndean species and various varieties collected on the first Regnellian expedition; **Herter** (1930) enumerates 36 species for the neighboring Republic of Uruguay; **Moldenke** (1949) quotes 64 species as occurring in the area of this southernmost State of Brazil.

The Herbarium Anchieta (PACA, 1931-1961), among 65.000 sheets of Phanerogams, contains 1140 collections of Verbenaceae representing 69 species in 12 genera; by adding 23 species cited in literature, we reach a total of 92, a sum which may not be far from the real number existing in this part of South America.

For the reader not acquainted with Riograndean geography, it may prove useful to divide the approximately quadratic area of the State into its four quadrants, and subdivide it into natural regions, as follows:

NEL — northeastern Lowlands: Campos, swampy plains, dry granite or sandstone hills, forests, woodlets, gallery.

NEC — northeastern sea coast: sand dunes, woodlets, swamps, dry campos.

NES — northeastern slope of the Serra Geral: rain forest of subtropical character.

NEH — northeaster Highlands: Campos, swamps, Araucaria forests.

SEC — southeastern coast: swamps, Campos, dry plains, woodlets.

SEH — southeastern Hill lands: dry Campos, woodlets, gallery.

SW — southwestern Campos: dry plains, swamps, gallery, sandstone hills.
 NWH — northwestern Highlands; partly rain forest, partly prairie.
 NWU — northwestern rain forest belt in the valley of the Uruguay River.
 CL — central Lowlands: Campos, swamps, forests, woodlets, gallery.
 CS — central slope of the Serra Geral: subtropical rain forest.
 CH — central Highlands: Campos, woodlets, gallery.
 RGS — Rio Grande do Sul.
 SC — Santa Catarina.

If not otherwise, collecting was done by B. Rambo SJ, and determining by K. Emrich and B. Rambo SJ; in almost all species, one or more specimens have been determined by H. N. Moldenke.

AEGIPHILA Jacq.

Aegiphila australis Mold.,

Phytologia 1 (1937) 187; idem, Kn. Geogr. Distr. Verb. (1949) 74.

- 3334 SC, Lagoa p. Florianópolis, in silvula, 10.1.1939, fl., leg. A. Sehnem SJ, det. Moldenke.
 11261 RGS, Cêrro Largo p. S. Luiz, NWH, in secundariis, 1.1943, infl. nondum evolutis, leg. P. Buck SJ.
 61186 SC, Itapiranga ad fl. Uruguay superius, ad silvam, 7.10.1957, fl.

Habit: Small tree, up to 7 m high.

Habitat: Half-high woodlets, secondary growth.

Distribution in RGS: Northwestern Highlands only.

General distribution: SC and RGS.

Aegiphila brachiata Vell.

Fl. Flum. Ic. I (1827) tab. 93; Moldenke, Kn. Geogr. Distr. Verb. (1949) 74. — A. triantha Schauer, FB 9 (1851) 283; Herter, Flor. Urug. (1930) 104.

- 1217 RGS, S. Leopoldo, NEL, in silva campestri, 6.12.1922, fl.
 3979 Uruguay, Cuñapirú p. Rivera, in silvula campestri, 12.1.1941, fr. deciso.
 6687 RGS, Sta Clara, CS, in secundariis, 18.11.1940, fl.
 9247 RGS, Jarí p. Tupanciretan, NWH, in silvula campestri, 26.1.1942, ster.
 26483 RGS, Pareci p. Montenegro, NEL, in silvula, 1944, fl., leg. E. Henz SJ.
 26508 RGS, Ibidem, 1944, fl., leg. E. Henz SJ.
 28211 RGS, Nonoai ad fl. Uruguay, NWU, in silva, 3.1945, fr. deciso.
 29169 RGS, Vila Manresa p. P. Alegre, NEL, ad rivum in silvula, 12.9.1945, fl.
 31389 RGS, Vila Oliva p. Caxias, NEH, in secundariis, 2.1946, ster., leg. P. Buck SJ.
 32840 RGS, Butterberg p. Montenegro, NES, in secundariis, 17.12.1945, fr.

- 32928** RGS, Kappesberg p. Montenegro, NES, ad silvam, 5.10.1945, fl., leg. E. Friderichs SJ, det. Moldenke.
- 32936** RGS, ibidem, 20.10.1945, fl., leg. E. Friderichs SJ. det. Moldenke.
- 35579** RGS, S. Leopoldo, NEL, in silva, 11.11.1946, fl., leg. L. Vier SJ.
- 37330** RGS, Vila Manresa p. P. Alegre, NEL, ad rivum in silva, 2.10.1948, fl., fr. submature, det. Moldenke.
- 44610** RGS, Vila Oliva p. Caxias, NEH, in araucarieto, 3.12.1949, fr. semievoluto.
- 48413** RGS, Campestre p. Montenegro, NES, in secundariis, 18.10.1946, fl., leg. A. Sehnem SJ 2254.
- 48423** RGS, Kappesberg p. Montenegro, NES, in secundariis, 30.9.1946, fl., leg. A. Sehnem SJ 2149.
- 50618** RGS, ibidem, 15.10.1949, fl., leg. A. Sehnem SJ 3919.
- 57579** RGS, Pestana p. Ijuí, NWH, in silva, 10.1953, fl., leg. J. Pivotto 657.
- 62045** RGS, Bento Gonçalves, NEH, in araucarieto, 6.10.1957, fl., leg. O. Camargo 1977.
- 62529** RGS, Garibaldi, NEH, in silva, 29.10.1957, fl., leg. O. Camargo 2284.
- 62539** RGS, Farroupilha, NEH, in silva secundaria, 25.10.1957, fl., leg. O. Camargo 2164.
- 62541** RGS, Garibaldi, NEH, in silva, 13.10.1957, fl., leg. O. Camargo 2088.
- 62546** RGS, ibidem, 13.10.1957, fl., leg. O. Camargo 2077.
- 62565** RGS, Farroupilha, NEH, in silva, 15.10.1957, fl., leg. O. Camargo 2111.

Habit: Recumbent, up to 10 m high.

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

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

General distribution: From Rio de Janeiro and Paraguay down to RGS and Uruguay.

Aegiphila hassleri Chod.,

Bull. Herb. Boiss. 2. sér. 4 (1904) 1166; Moldenke, Kn. Geogr. Distr. Verb. (1949) 74.

990 Itapiranga ad fl. Uruguay, in silva riparia, 15.2.1934, fl.

11251 RGS, Nova Petrópolis, NES, in secundariis, 1.1943, fr. deciso, det. Moldenke.

40014 RGS, Linha Bonita p. Montenegro, NES, in silva, 19.1.1949, fr.

45761 RGS, Sta Rita p. Farroupilha, NEH, in secundariis, 7.2.1950, fr.

49479 RGS, Mato Leitão p. Venâncio Aires, CS, ad silvam pluviale, 1.1.1951, fr. semievoluto.

49952 SC, Itapiranga ad fl. Uruguay, in silva, 6.2.1951, fl.

54254 RGS, Caracol p. Canela, NEH, in silvula, 11.2.1954, ster., leg. K. Emrich.

60845 RGS, Farroupilha, NEH, in dumosis, 18.5.1957, ster., leg. O. Camargo 1438.

62037 RGS, Garibaldi, NEH, in silva, 13.10.1957, fl., leg. O. Camargo 2037.

Habit: Small tree, up to 7 m high.

Habitat: Edge of the forest, secondary growth.

Distribution in RGS: Apparently northern forested area only.

General distribution: From Paraná and Paraguay through South Brazil and Argentine Mesopotamia to RGS and Uruguay.

Aegiphila obducta Vell.,

Ic. I (1827) tab. 97; Schauer, FB 9 (1851) 289; Moldenke, Kn. Geogr. Distr. Verb. (1949) 75.

- 3258 SC, Nova Trento p. Florianópolis, in silva, 6.1938, fl., det. Moldenke.
 31676 SC, Sombrio, Araranguá, in silvula, 6.2.1946, fl.
 50296 SC, Trindade p. Florianópolis, in silva, 14.7.1951, fl.
 50333 SC, ad montem Cambirela p. Florianópolis, 18.7.1951, fr. maturo.
 50354 SC, ibidem, in silva, 18.7.1951, fl.
 54375 SC, Bom Jardim p. S. Joaquim, in silva, 21.7.1951, fl., leg. R. Reitz 6124, fl., det. Moldenke.
 55608 SC, Nova Trento p. Florianópolis, 8.6.1950, fl., leg. R. Reitz 5170, det. Moldenke.

Habit: Half-climber with spreading branches, up to 5 m high.

Habitat: Half-high forests, secondary growth.

Distribution in RGS: Just reaching the northeastern sea coast (31676).

General distribution: From Amazonia down to RGS.

Aegiphila riedeliana Schauer,

in DC., Prodr. 11 (1847) 649; FB 9 (1851) 282; Moldenke, Kn. Geogr. Distrib. Verb. (1949) 75.

- 40320 RGS, Sta Rita p. Farroupilha, NEH, in silvula secundaria, 29.1.1950, fr. maturo, det. Moldenke.
 58406 SC, Maluche p. Brusque, in silvula, 13.8.1953, fl., leg. R. Reitz 8383, det. Moldenke.
 59493 RGS, Farroupilha, NEH, in secundariis, 26.10.1956, fl., leg. O. Camargo 881.

Habit: Small tree, up to 5 m high.

Habitat: Half-high wood, secondary growth.

Distribution in RGS: So far, northeastern Highlands only.

General distribution: From Bahia to RGS.

Aegiphila sellowiana Cham.,

Linnaea 7 (1832) 111; Schauer, FB 9 (1851) 281; Moldenke, Kn. Geogr. Distrib. Verb. (1949) 75.

- 1216 RGS, S. Leopoldo, NEL, in silva campestri, 8.12.1922, fl.
 3762 RGS, Beckersberg p. Feliz, NES, in secundariis, 4.1.1941, fl.
 7843 RGS, S. Leopoldo, NEL, in silva, 1907, fl., leg. F. Theissen SJ.
 11822 RGS, Higienópolis p. P. Alegre, NEL, in silvula, 14.12.1940, fl., leg. K. Emrich.
 27529 RGS, Pareci p. Montenegro, NEL, in silvula campestri, 1944, ster. leg. E. Henz SJ.
 31530 SC, Sombrio p. Araranguá, in secundariis, 3.2.1946, fr. submastro.
 32625 RGS, Pareci p. Montenegro, NEL, in silva campestri, 12.11.1945, fl., leg. E. Henz SJ.
 35671 RGS, Kappesberg p. Montenegro, NES, in secundariis, 15.12.1946, fl., leg. E. Henz SJ.

- 38582 RGS, ad montem das Cabras p. S. Leopoldo, NEL, in silvula campestri, 7.12.1948, fl., det. Moldenke.
- 38885 RGS, Conceição p. Cai, NEL, in silvula campestri, 14.12.1948, fl., det. Moldenke.
- 38898 RGS, S. Leopoldo, NEL, in silvula, 17.12.1948, fl., det. Moldenke.
- 38921 RGS, ibidem, in silva campestri, 17.12.1948, fl., det. Moldenke.
- 39062 RGS, ad montem Steinkopf p. S. Leopoldo, NEL, in silvula campestri, 20.12.1948, fl., det. Moldenke.
- 40774 RGS, Sapucaia p. S. Leopoldo, NEL, in silva campestri, 1.4.1949, fr.
- 48540 RGS, Kappesberg p. Montenegro, NES, in secundariis, 18.3.1949, fr. maturo, leg. A. Sehnem SJ 3739.
- 46221 RGS, Cristo Rei p. S. Leopoldo, NEL, in silva campestri, 10.3.1950, fr. maturo, det. Moldenke.
- 51009 RGS, Kappesberg p. Montenegro, NES, in silva secundaria, 15.11.1951, fl., leg. A. Sehnem SJ 5606.
- 52931 RGS, Fortaleza p. Montenegro, NEL, in silvula, 15.12.1952, fl.
- 57590 RGS, Pestana p. Ijuí, NWH, in silva, 16.8.1953, fl., leg. J. Pivetta 647.
- 58429 SC, Hoffmann p. Brusque, in silva, 15.2.1951, fr., det. Moldenke.
- 61784 RGS, Taquarí, CL, in silva, 10.12.1957, fl., leg. O. Camargo 2864.
- 62848 RGS, Montenegro, NEL, in dumosis, 19.9.1957, fl., leg. O. Camargo 1714.

Habit: Small tree, up to 8 m high.

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

Distribution in RGS: Northeastern Lowlands, and slope of the Highlands only.

General distribution: From Amazonia to RGS.

ALOYSIA Ort. et Palav.

Aloysia chamaedryfolia Cham..

Linnaea 7 (1832) 234; Moldenke, Kn. Geogr. Distr. Verb. (1949) 75. — Lippia chamaedryoides Steud., Nomencl. ed. 2,2 (1840) 54; Lippia chamaedryfolia Steud., Schauer, FB 9 (1851) 222.

- 448 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus dumosis, 13.1.1932, fl.
- 1189 RGS, sine loco, sine die, fl.
- 3854 RGS, Morro Vigia p. Livramento, SW, in campestribus siccis dumosis, 12.1.1941, fl.
- 9147 RGS, Jarí p. Tupanciretan, NWH, in campestribus dumosis, 26.1.1942, fl.
- 9347 RGS, ibidem, 26.1.1942, fl.
- 11789 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis dumosis, 1943, fl.
- 11794 RGS, ibidem, in campestribus dumosis, 1943, fl.
- 26530 RGS, Pareci p. Montenegro, NEL, in campestribus dumosis, 1944, ster., leg. E. Henz SJ.
- 26845 RGS, Montserrat p. P. Alegre, NEL, in silvula campestri, 3.1944, fl., leg. K. Emrich.
- 28763 RGS, Caracol p. Canela, NEH, in dumosis, 14.3.1945, fl., leg. K. Emrich.

- 29581** RGS, Pareci p. Montenegro, NEL, in campestribus siccis dumosis, 3.10.1945, fl., leg. E. Henz SJ.
- 29993** RGS, Caracol p. Canela, NEH, in campestribus dumosis, 22.1.1941, fl., leg. K. Emrich.
- 32621** RGS, Pareci p. Montenegro, NEL, in campestribus dumosis, 30.10.1945, fl., leg. E. Henz SJ.
- 33313** RGS, Caracol p. Canela, NEH, in araucarieto aperto, 19.2.1946, fl., leg. K. Emrich, det. Moldenke.
- 37957** RGS, Sapucaia p. S. Leopoldo, NEL, in campestribus dumosis, 10.11.1948, fl., det. Moldenke.
- 38394** RGS, ibidem, 29.11.1948, fl.
- 38632** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis dumosis, 17.11.1948, fl., det. Moldenke.
- 39742** RGS, Pareci p. Montenegro, NEL, in campestribus dumosis, 14.1.1949, fl.
- 46705** RGS, Viamão p. P. Alegre, NEL, in campestribus dumosis, 10.4.1950, fl.
- 48082** Roque Gonzales p. S. Luiz, NWH, in campestribus dumosis, 11.1.1949, fl., leg. A. Sehnem SJ 3587.
- 56932** RGS, Caracol p. Canela, NEH, in dumosis, 22.1.1955, fl., leg. K. Emrich.
- 64062** RGS, Pelotas, SEC, in dumosis siccis, 26.1.1953, fl., leg. Gomes.

Habit: Woody, slender, elegant shrub up to 2 m high.

Habitat: Dry, shrubby Campos.

Distribution in RGS: Central and southern Campos area; apparently absent from the Highlands proper.

General distribution: Misiones, RGS, Uruguay.

Aloysia ligustrina (Lag.) Small,

var. *paraguariensis* (Briq.) Moldenke, Phytologia 1 (1935) 167; *Lippia ligustrina* Lag., var. *paraguariensis* Briq., Ann. Conserv. et Jard. Bot. Genève 7-8 (1904) 305; idem, Kn. Geogr. Distr. Verb. (1949) 75. — Further synonyms, see Lilloa 5 (1940) 374.

- 440** RGS, Vila Manresa p. P. Alegre, NEL, in dumosis siccis, 16.1.1932, fl., det. Moldenke.
- 4112** RGS, Rio Mancarrão p. Quarai, SW, in campestribus siccis dumosis, 14.1.1941, fl.
- 4174** RGS, Rio Garopá p. Quarai, SW, in campestribus dumosis, 14.1.1941, fl.
- 9420** RGS, Sto Angelo, NWH, in campestribus dumosis, 16.2.1941, fl.
- 11255** RGS, Sta Maria, CL, in campestribus dumosis, 1943, fl., leg. A. Heidler SJ.
- 26345** RGS, Fazenda do Jarau p. Quarai, SW, in rupestribus dumosis, 1.1945, fl. deciso.
- 27063** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus saxosis dumosis, 10.1944, fl., det. Moldenke.
- 28230** RGS, Nonoai ad fl. Uruguay, NWU, in campestribus dumosis, 3.1945, fl.
- 29146** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus dumosis, 12.9.1945, fl.
- 30181** Uruguay, Colonia, in campestribus dumosis, 17.4.1935, fl., leg. et det. B. Rosengurtt A-409.

- 37329** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus dumosis, 2.10.1948, fl., det. Moldenke.
- 37826** RGS, ibidem, in saxosis dumosis, 2.10.1948, ster.
- 37856** RGS, ibidem, in siccis dumosis, 4.11.1948, fl., det. Moldenke.
- 37839** RGS, Sapucaia p. S. Leopoldo, NEL, in arenosis dumosis siccis, 12.11.1948, fl., det. Moldenke.
- 38990** RGS, ad montem Steinkopf p. S. Leopoldo, NEL, in campestribus dumosis, 20.12.1948, fl., det. Moldenke.
- 40076** RGS, Vila Manresa p. P. Alegre, NEL, in rupestribus dumosis, 22.1.1949, fl., det. Moldenke.
- 42558** RGS, Pareci p. Montenegro, NEL, in campestribus dumosis, 18.7.1949, fl.
- 43264** RGS, Estação Azevedo p. Montenegro, NEL, in campestribus siccis dumosis, 5.9.1949, fl., det. Moldenke.
- 44190** RGS, Morro Santana p. P. Alegre, NEL, in secundariis, 2.11.1949, fl.
- 47587** SC, Bom Retiro, in secundariis, 8.1.1948, fl., leg. R. Reitz 2857, det. N.S. Troncoso (*A. lycioides* (Lag.) Steud.).
- 49976** RGS, Palmeira, NWH, in campestribus dumosis, 12.2.1951, fl.
- 51332** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis, 21.10.1951, fl.
- 53119** RGS, Cérro Largo p. S. Luiz, NWH, in campestribus dumosis, 20.11.1952, ster.
- 59155** RGS, Pestana p. Ijuí, NWH, in dumosis, 31.8.1953, fl., leg. J. Pivetta 967.
- 60351** RGS, Estação de Silvicultura p. Sta Maria, CL, in campestribus dumosis, 10.4.1956, fl., leg. O. Camargo 534.
- 60792** RGS, Cruz Alta, CH, in dumosis, 1957, ster., leg. P. Bottari.
- 61782** RGS, Taquarí, CL, in dumosis siccis, 10.12.1957, fl., leg. O. Camargo 2859.
- 62788** RGS, P. Alegre, NEL, in campestribus siccis saxosis, 2.11.1957, leg. O. Camargo 2423.
- 62804** RGS, Farroupilha, NEH, in dumosis, 31.10.1957, fl., leg. O. Camargo 2341.

Habit: Woody, abundantly branched shrub, up to 4 m high.

Habitat: Dry, shrubby Campos.

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

General distribution: From S. Paulo to Uruguay.

Aloysia polygalaefolia Cham.

Linnaea 7 (1832) 236; Moldenke, Kn. Geogr. Distr. Verb. (1949) 75 — *Lippia polygalaefolia* Steud., Nomencl. ed. 2,2 (1840) 54; Schauer, FB 9 (1851) 221.

435 RGS, sine loco, sine die, fl.

28141 RGS, Nonoai ad fl. Uruguay, NWU, in paludosis alte dumosis, 3.1945, fl.

44118 RGS, Barreto Vianna p. S. Leopoldo, NEL, in paludosis dense dumosis, 24.10.1949, fl., det. Moldenke.

60420 RGS, Estação de Silvicultura p. Sta Maria, CL, in campestribus paludosis, 10.4.1956, fl., leg. O. Camargo 489.

Habit: Woody, slender, elegant shrub, up to 3 m high.

Habitat: Densely vegetated swamps.

Distribution in RGS: Widely scattered over the Campos area, rare.

General distribution: From Paraná to RGS.

Aloysia sellowii (Briq.) Mold.,

Rev. Sud. Bot. 4 (1937) 15; Kn. Geogr. Distrib. Verb. (1949) 75. — *Lippia sellowii* Briq. Ann. Cons. et Jard. Bot. Genève 4 (1900) 21.

3037 RGS, Caaró p. S. Luiz, NWH, in campestribus dumosis, 28.1.1941, fl.

9590 RGS, Jari p. Tupanciretan, NWH, in campestribus dumosis, 28.1.1942, ster.

29625 RGS, Pareci p. Montenegro, NEL, in campestribus dumosis, 22.9.1945, fl., leg. E. Henz SJ.

31964 SC, Sombrio p. Araranguá, in campestribus dumosis, 7.3.1945, fl., leg. R. Reitz 1129.

34289 RGS, Kappesberg p. Montenegro, NES, in secundariis, 12.1947, fl., leg. E. Friderichs SJ.

35495 RGS, S. Leopoldo, NEL, in campestribus dumosis, 17.9.1946, fl., leg. E. Henz SJ, det. Moldenke.

47978 RGS, S. Luiz, NWH, in campestribus dumosis, 4.2.1949, fl., leg. A. Sehnem SJ 3516.

48377 RGS, Porto Pereira p. Montenegro, NEL, in dumosis, 19.9.1945, fl., leg. A. Sehnem SJ.

48814 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis dumosis, 22.9.1950, fl.

52034 RGS, Jaquirana p. S. Francisco de Paula, NEH, in campestribus siccis dumosis, 20.2.1952, fl.

56560 RGS, Passo do Inferno p. Canela, NEH, in campestribus siccis sachsen, 9.1.1955, fl.

61173 RGS, Farroupilha, NEH, in secundariis, 18.3.1957, fl., leg. O. Camargo 1173.

Habit: The same as *A. ligustrina* var. *paraguariensis*.

Habitat: Dry, shrubby Campos.

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

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

Aloysia virgata (Ruiz et Pav.) A. L. Juss.,

Ann. Mus. Par. 7 (1806) 73, var. *elliptica* (Briq.) Mold., Phytologia 2, n. 9 (1947) 363; idem, Kn. Geogr. Distrib. Verb. (1949) 75. — *Lippia virgata* var. *elliptica* Briq., Ann. Conserv. et Jard. Bot. Genève 7-8 (1904) 304. — For further synonymy see Lilloa 5 (1940) 384.

1778 SC, Itapiranga ad fl. Uruguay superius, in secundariis, 15.2.1934, fl., det. Moldenke.

9395 RGS, sine loco, sine die, fl.

28292 RGS, Nonoai ad fl. Uruguay, NWU, in secundariis, 3.3.1949, fl., det. Moldenke.

49932 SC, Itapiranga ad fl. Uruguay superius, in secundariis, 6.2.1951, fl.

50853 Paraná, Estrada Paraná-Panelas, in silva, 23.7.1949, fl., leg. G. Hatschbach 1417, det. Moldenke.

61225 SC, Itapiranga ad fl. Uruguay superius, in secundariis, 7.10.1957, fl.

Habit: Shrub to small tree, up to 7 m high.

Habitat: Weedy in secondary growth, often forming pure stands.

Distribution in RGS: Common at the great northwestern bent of the Uruguay.

General distribution: From Paraná to RGS.

BOUCHEA Cham.

Bouchea fluminensis (Vell.) Mold.,

Fedde Rep. 49 (1940) 117; Moldenke, Kn. Geogr. Distr. Verb. (1949) 75. — *Verbena fluminensis* Vell., Fl. Flum. Ic. I (1827) tab. 38. — *B. pseudogervao* Cham., Linnaea 7 (1832) 253; Schauer, FB 9 (1851) 195.

1135 RGS, sine loco, sine die, fl.

2749 RGS, ad montem Sapucaia p. S. Leopoldo, NEL, in silvula campestri aperta, 8.7.1936, fl.

9496 RGS, Rio Garopá p. Quarai, SW, in silvula riparia, 14.1.1941, fl.

30453 SC, Meleiro p. Araranguá, in silva, 18.11.1943, fl., leg. R. Reitz 995.

30646 RGS, Vila Manresa p. P. Alegre, NEL, in silvula campestri, 27.11.1945, fl.

32076 SC, Praia Grande p. Araranguá, in silva, 13.2.1946, fl.

35480 RGS, Dois Irmãos p. S. Leopoldo, ad silvam pluviale, 10.10.1946, fl., leg. E. Henz SJ, det. Moldenke.

35821 Paraná, Paraná p. Imbuial, in dumosis, 26.6.1947, fl., leg. G. Hatschbach 745.

37900 RGS, Morro da Polícia p. P. Alegre, NEL, in silvula campestri, 8.11.1948, fl.

38378 RGS, Sapucaia p. S. Leopoldo, NEL, in silva campestri, 29.11.1948, fl.

42431 RGS, sine loco, sine die, fl.

42763 RGS, Sapucaia p. S. Leopoldo, NEL, in silva campestri, 5.8.1949, fl.

42903 RGS, Schwabenschneis p. Dois Irmãos, NES, ad silvam pluviale, 12.8.1949, fl.

42950 RGS, Pareci p. Montenegro, NEL, in silva secundaria, 17.8.1949, fl.

43792 RGS, ibidem, 7.10.1949, fl.

44756 RGS, Lagoa dos Barros p. Osório, NEC, in silvula riparia, 14.12.1949, fl.

47069 RGS, Lagoa da Pinguela p. Osório, NEC, in secundariis, 8.5.1950, fl.

47761 RGS, Forromeco p. Farroupilha, NES, ad rivum in dumosis, 15.11.1949, fl., leg. A. Sehnem SJ 4056.

47762 RGS, ibidem, 15.11.1949, fl., fr., leg. A. Sehnem SJ 4071.

47763 RGS, Badensertal p. Montenegro, NES, in secundariis, 8.9.1949, fl., leg. A. Sehnem SJ 3819.

48734 RGS, Sapucaia p. S. Leopoldo, NEL, in silva campestri, 7.9.1950, fl.

48893 RGS, Lagoa dos Barros p. Osório, NEC, in silva, 2.10.1950, fl.

49118 RGS, Butterberg p. Montenegro, NEL, in secundariis, 13.11.1950, fl.

50473 RGS, Forromeco p. Farroupilha, NES, ad silvam, 15.11.1949, fl., leg. A. Sehnem 4056.

52259 RGS, S. Leopoldo, NEL, in silva, 1951, fl., leg. A. Spies.

53477 Paraná, Larangeiras, in silva, 9.1.1953, fl.

Habit: Herbaceous, densely branched, up to 2 m high.

Habitat: Edge and glades of rain forest, secondary growth.

Distribution in RGS: All collections from the northeastern quadrant.

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

CITHAREXYLUM L.

Citharexylum montevidense (Spreng.) Mold.,

Phytologia 1 (1933) 17; idem, Kn. Geogr. Distr. Verb. (1949) 76. — *Ehretia montevidensis* Spreng., Syst. Veg. 1 (1825) 647. — *C. barbinerve* Cham., Linnaea 7 (1832) 116; Schauer, FB 9 (1951) 267.

8313 RGS, Harmonia p. Montenegro, NES, in silva secundaria, 26.12.1941, fr. semievoluto.

8368 RGS, Higienópolis p. P. Alegre, NEL, in silva campestri, 24.11.1941, fl., leg. K. Emrich.

9348 RGS, Jarí p. Tupanciretan, NWH, in silva, 26.1.1942, fr. deciso.

26234 RGS, Fazenda do Jaraú p. Quarai, SW, in silva campestri, 1.1945, ster.

29666 RGS, Pareci p. Montenegro, NEL, in silva campestri, 3.10.1945, fl., leg. E. Henz SJ.

34379 RGS, Espírito Santo p. P. Alegre, NEL, in silva riparia, 14.1.1946, fr. juvenili, leg. K. Emrich.

44328 RGS, Esteio p. S. Leopoldo, NEL, in silva campestri, 8.11.1949, fl.

58790 RGS, Estação de Silvicultura p. Sta Maria, CL, in silva, 3.2.1956, ster., leg. O. Camargo 228.

60702 RGS, Taquari, CL, in silva, 1.1957, fl., leg. Machado.

63935 RGS, Pelotas, SEC, in silva, 25.1.1956, fr., leg. J. Sacco 462.

Habit: Medium tree, up to 15 m high.

Habitat: Campos woodlets, gallery, secondary growth.

Distribution in RGS: Southern Campos area.

General distribution: From Minas Gerais and Paraguay through South Brazil to Uruguay, and through Argentine Mesopotamia to B. Aires.

Citharexylum myrianthum Cham.,

Linnaea 7 (1832) 117; Schauer, FB 9 (1851) 269;

Moldenke, Kn. Geogr. Distrib. Verb. (1949) 76.

1079 RGS, S. Leopoldo, NEL, in silva campestri, 8.11.1934, fl.

2753 RGS, ibidem, 21.9.1936, fl. nondum aperto.

11264 RGS, P. Alegre, NEL, in silva subhumida, 11.1943, fl., leg. K. Emrich.

11266 RGS, ibidem, 2.12.1942, fl., leg. K. Emrich.

26659 RGS, sine loco, sine die, fr. submaturo.

26946 RGS, Vila Manresa p. P. Alegre, NEL, in silva campestri, 10.1944, fl.

- 30606** RGS, ibidem, 27.11.1945, fl., det. Moldenke.
32681 RGS, Pareci p. Montenegro, NEL, in silva humida, 25.11.1945, fl., leg. E. Henz SJ.
32737 RGS, Zimmersberg p. Montenegro, NEL, in silva campestri, 17.10.1945, fl., leg. E. Henz SJ.
33757 RGS, Montserrat p. P. Alegre, NEL, in silva campestri, 12.4.1946, ster., leg. K. Emrich.
45138 RGS, Fazenda do Arroio p. Osório, NEL, in silva campestri, 4.1.1950, fr. semievoluta.
50926 Paraná, Morretes, in silva, 10.12.1949, fl., leg. G. Hatschbach 1653, det. Moldenke.
55296 SC, Brusque, in silva, 12.11.1951, fl., leg. R. Reitz 4749, det. Moldenke.
48431 SC, Hoffmann p. Brusque, in silva, 1951, fl., leg. R. Reitz 4640, det. Moldenke.
48432 SC, ibidem, 15.2.1951, fr., leg. R. Reitz 4641, det. Moldenke.
59803 RGS, Farroupilha, NEH, in araucarieto, 26.1.1956, fr., leg. O. Camargo 1138.
61717 RGS, ibidem, 18.11.1957, fl., leg. O. Camargo 2541.
61792 RGS, ibidem, 22.11.1957, fl., leg. O. Camargo 2603.

Habit: Medium tree, up to 15 m high.

Habitat: Campos woodlets, gallery, edge of rain forest, preferably on moist soil.

Distribution in RGS: All collections from the northeastern quadrant except for the Highlands proper.

General distribution: Bahia to RGS; Paraguay to Misiones.

Citharexylum reitzii Mold.,

Phytologia 3 (1949) 59; Kn. Geogr. Distr. Verb. (1949) 76.

- 30452** SC, Sombrio p. Araranguá, in silvula, 22.11.1943, fl., leg. R. Reitz 1002, det. Moldenke.

Habit: Small tree.

Habitat: Half-high woodlet.

Distribution in RGS: Southernmost SC, near northeasternmost coast of RGS.

General distribution: SC.

Citharexylum solanaceum Cham.,

Linnaea 7 (1832) 119; Schauer, FB 9 (1851) 268; Moldenke, Kn. Geogr. Distr. Verb. (1949) 76.

- 4812** RGS, Passo do Inferno p. Canela, NEH, in araucarieto, 10.2.1941, fr.
6559 RGS, Sta Clara p. Lageado, CS, in secundariis, 18.11.1940, fl. non-dum aperto, det. Moldenke.
36422 RGS, Cambará p. S. Francisco de Paula, in araucarieto, 2.1948, fr., det. Moldenke.
50922 Paraná, S. Lourenço, p. Curitiba, in silva campestri, 18.11.1949, fl., leg. G. Hatschbach 1591, det. Moldenke.
51106 RGS, Boa Vista p. Sta Cruz, CS, in silva, 12.12.1950, fl., leg. A. Sehnem SJ 5071.

54255 RGS, Caracol p. Canela, NEH, in silvula, 27.2.1954, fr. submaturo, leg. K. Emrich.

54617 RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in arauacarieto, 1.1.1954, fr. semievoluto.

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

Habitat: Araucaria forests, secondary growth.

Distribution in RGS: All collections from the northeastern quadrant, especially the Highlands; only 6559 from the central slopes of the Highlands.

General distribution: From Rio de Janeiro to RGS.

DURANTA L.

Duranta vestita Cham.,

Linnaea 7 (1832) 115; **Moldenke**, Kn. Geogr. Distr. Verb. (1949) 76. — **D. plumieri** Jacq. var. *vestita* (Cham.) Schauer, FB 9 (1851) 271.

var. *glabrescens* Mold., Phytologia 2, n. 9 (1947) 364; idem, Kn. Geogr. Distr. Verb. (1949) 76.

4809 RGS, Passo do Inferno p. Canela, NEH, in silvula campestri, 10.2.1941, fr.

31271 RGS, Vila Oliva p. Caxias, NEH, ad fl. in dumosis, 21.2.1946, ster.

51862 RGS, Passo da Guarda p. Bom Jesus, NEH, in dumosis campestribus, 14.1.1952, fr. semievoluto.

52164 RGS, Morrinhos p. S. Francisco de Paula, NEH, in silvula campestri, 7.2.1952, fr. submaturo.

56583 RGS, Passo do Inferno p. Canela, NEH, in rupestribus dumosis, 9.1.1955, fl.

Habit: Woody shrub, abundantly branched, up to 5 m high.

Habitat: Dry mostly rocky Campos.

Distribution in RGS: Northeastern Highlands only.

General distribution: From Minas Gerais to RGS and Misiones.

LANTANA L.

Lantana brasiliensis Link,

Enum. Hort. Berol. 2 (1833) 126; Schauer, FB 9 (1851) 253; Moldenke, Kn. Geogr. Distr. Verb. (1949) 77.

1123 RGS, S. Leopoldo, NEL, in silva campestri, 6.11.1922, fl.

1142 SC, Itapiranga ad fl. Uruguay superius, in silva pluviali, 16.2.1934, fl.

7847 RGS, S. Leopoldo, NEL, in silva campestri, 1907, fl., leg. F. Theissen SJ.

11256 RGS, Marcelino Ramos, NWU, in silva, 1.1943, fl., leg. E. Friderichs SJ.

25085 RGS, S. Leopoldo, NEL, in silva campestri, 1907, fl., leg. F. Theissen SJ.

- 35554 RGS, ibidem, 30.11.1946, fl., leg. E. Henz SJ, det. Moldenke.
 38845 RGS, ibidem, 17.12.1948, fl., det. Moldenke.
 38959 RGS, ad montem Ferrabraz p. Novo Hamburgo, NEL, in silva pluviali, 12.1.1949, fl.
 48157 Paraná, Florestal p. Piraquara, in silva, 6.2.1949, fl., leg. G. Hatschbach 1163, det. H. Moldenke.
 58553 Paraná, Cascavel, in silva, 10.1.1953, fl.
 58314 SC, Itapiranga ad fl. Uruguay superius, in silva, 2.2.1951, fl., leg. R. Reitz 4723, det. Moldenke.

Habit: Shrub, up to 2 m high.

Habitat: Interior of the rain forest.

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

General distribution: Piaui to RGS; Paraguay to Misiones.

Lantana camara L.

Spec. Plant. (1753) 627; Schauer, FB 9 (1851) 255; Briq., Ark. f. Bot. 2, n. 10 (1904) 14; Herter, Flor. Urug. (1930) 104; Bornmüller, Rev. Sud. Bot. 2 (1935) 6; Moldenke, Kn. Geogr. Distr. Verb. (1949) 77. — Sine varietatum distinctione!

- 2499 RGS, Vila Manresa p. P. Alegre, NEL, in silvula, 18.8.1942, fl.
 3813 RGS, Bohnental p. Caf, NES, in secundariis, 4.1.1941, fl.
 6551 RGS, sine loco, sine die, fl.
 6594 RGS, sine loco, sine die, fl.
 7846 RGS, S. Leopoldo, NEL, in silvula, 1907, fl., leg. F. Theissen SJ.
 9482 RGS, Jarí p. Tupanciretan, NWH, in silvula, 26.1.1942, fl.
 9896 RGS, ibidem, 26.1.1942, fl.
 11259 RGS, Marcelino Ramos, NWU, in secundariis, 1.1943, fl., leg. E. Friderichs SJ.
 25191 RGS, S. Leopoldo, NEL, in dumosis, 1907, fl., leg. F. Theissen SJ.
 25364 SC, Florianópolis, in dumosis, 1.3.1942, fl., leg. A. Rohr SJ, det. Moldenke (var. aculeata (L.) Mold.).
 25389 SC, Florianópolis, in secundariis, 7.3.1942, fl., leg. A. Rohr SJ, det. Moldenke.
 26446 RGS, Fazenda das Almas p. Palmares, NEC, in silvula sabulosa, 1.1945, fl., leg. P. Buck SJ.
 26605 RGS, Pareci p. Montenegro, NEL, in silvula campestri, 1944, fl., leg. E. Henz SJ.
 27206 RGS, Vila Manresa p. P. Alegre, NEL, in silvula, 10.1944, fl.
 28616 RGS, Nonoai ad fl. Uruguay, NWU, ad silvam, 3.1945, fl.
 28999 RGS, Vila Manresa p. P. Alegre, NEL, in silvula, 15.8.1945, fl.
 29479 RGS, Sapucaia p. S. Leopoldo, NEL, in dumosis, 5.9.1945, fl.
 29626 RGS, Pareci p. Montenegro, NEL, in secundariis, 22.9.1945, fl., leg. E. Henz SJ.
 29991 RGS, Caracol p. Canela, NEH, in dumosis, 1.1938, fl., leg. K. Emrich.
 30090 RGS, Vila Manresa p. P. Alegre, NEL, in silvula, 1945, fl.
 30454 SC, Sombrio p. Araranguá, in campestribus dumosis, 2.6.1944, fl., leg. R. Reitz 1161.
 30455 SC, Turvo p. Araranguá, in secundariis, 20.10.1943, fl., leg. R. Reitz 940.

- 30679** RGS, Kappesberg p. Montenegro, NES, in secundariis, 17.10.1945, fl., leg. E. Friderichs SJ.
- 30973** RGS, Vila Oliva p. Caxias, NEH, in dumosis, 3.1.1946, fl.
- 31309** RGS, ibidem, in secundariis, 24.2.1946, fl.
- 31612** SC, Sombrio p. Araranguá, in silvula, 5.2.1946, fl.
- 32893** RGS, Kappesberg p. Montenegro, NES, in secundariis, 9.11.1945, fl., leg. E. Friderichs SJ.
- 33474** RGS, S. Leopoldo, NEL, in silvula, 25.7.1946, fl., leg. C. Ritter SJ.
- 34452** RGS, sine loco, sine die, fl.
- 34455** RGS, Vila Manresa p. P. Alegre, NEL, in silvula, 1946, fl.
- 36027** RGS, Campinas p. Sta Rosa, NWH, in dumosis, 2.1947, fl., leg. A. Spies.
- 37421** RGS, Vila Manresa p. P. Alegre, NEL, in dumosis, 5.7.1948, fl.
- 37490** RGS, ibidem, in silvula campestri, 1.9.1948, fl.
- 38482** RGS, ibidem, ad silvam campestrem, 1.12.1948, fr. maturo.
- 38870** RGS, S. Leopoldo, NEL, in silvula campestri, 17.12.1948, fl. (Moldenke: L. tiliifolia Cham.).
- 38998** RGS, Steinkopf p. S. Leopoldo, NEL, in dumosis, 20.12.1948, fl.
- 39296** RGS, Campo do Varejão p. Itapoan, NEL, in dumosis, 29.12.1948, fl.
- 39433** RGS, Lamí p. Itapoan, NEL, in silvula, 3.1.1949, fl.
- 39724** RGS, Pareci p. Montenegro, NEL, ad silvam, 14.1.1949, fl.
- 39915** RGS, ad montem Ferrabraz p. N. Hamburgo, NEL, in secundariis, 12.1.1949, fl.
- 40241** RGS, Sta Rita p. Farroupilha, NEH, in secundariis, 28.1.1949, fl.
- 42019** RGS, Morro Santana p. P. Alegre, NEL, in silvula, 15.6.1949, fl.
- 42638** RGS, Portão p. S. Leopoldo, NEL, in silvula, 20.7.1949, fl.
- 42808** RGS, Cristal p. P. Alegre, NEL, in dumosis, 8.8.1949, fl.
- 42942** RGS, Pareci p. Montenegro, NEL, in silvula campestri, 17.8.1949, fl. (Moldenke: L. tiliifolia Cham.).
- 43279** RGS, Estação Azevedo p. Montenegro, NEL, in silvula, 5.5.1949, fl.
- 43335** RGS, Morro da Policia p. P. Alegre, NEL, in silvula, 9.9.1949, fl.
- 44170** RGS, Morro Santana p. P. Alegre, NEL, in dumosis, 2.11.1949, fl.
- 44264** RGS, Sapucaia p. S. Leopoldo, NEL, in campestribus dumosis, 5.11.1949, fl.
- 44411** RGS, Esteio p. S. Leopoldo, NEL, in silvula, 14.11.1949, fl.
- 44452** RGS, Granja Neugebauer p. Itapoan, NEL, in dumosis, 19.11.1949, fl.
- 44529** RGS, Osório, NEC, in silvula sabulosa, 24.11.1949, fl.
- 44629** RGS, Vila Oliva p. Caxias, NEH, in araucarieto, 3.12.1949, fl.
- 45097** RGS, Fazenda do Arroio p. Osório, NEC, in dumosis, 4.1.1950, fl.
- 45273** RGS, ad montem Itacolomí p. Gravataí, NEL, in silvula, 11.1.1950, fl.
- 45783** RGS, Sta Rita p. Farroupilha, NEH, in silvula, 7.2.1950, fl.
- 46664** RGS, Barra do Ribeiro p. P. Alegre, NEL, in silvula, 5.4.1950, fl.
- 46723** RGS, Viamão, NEL, in silvula, 10.4.1950, fl.
- 46910** RGS, ad fl. Capivari p. Palmares, NEL, in dumosis, 24.4.1950, fl.
- 47068** RGS, Vila Manresa p. P. Alegre, NEL, ad silvam, 15.5.1950, fl.
- 47353** RGS, S. Leopoldo, NEL, in dumosis, 1950, fl., leg. A. Spies.
- 47374** RGS, Campinas p. Sta Rosa, NWH, in secundariis, 2.1950, fl., leg. A. Spies.
- 47812** RGS, Kappesberg p. Montenegro, NES, in secundariis, 1.9.1949, fl., leg. A. Sehnem SJ.
- 48690** RGS, Vila Manresa p. P. Alegre, NEL, in silvula, 31.7.1950, fl.
- 48817** RGS, ibidem, 22.9.1950, fl.
- 48953** RGS, Granja Neugebauer p. Itoapoan, NEL, in dumosis, 11.10.1950, fl.

- 49077** RGS, Vila Manresa p. P. Alegre, NEL, in silvula, 8.11.1950, fl.
- 49114** RGS, Butterberg p. Montenegro, NES, in secundariis, 13.11.1950, fl.
- 49160** RGS, Esteio p. S. Leopoldo, NEL, in silvula, 20.11.1950, fl.
- 49834** SC, Itapiranga ad fl. Uruguay, ad silvam, 6.2.1951, fl.
- 51119** RGS, Kappesberg p. Montenegro, NES, in secundariis, 22.11.1950, fl., leg. A. Sehnem SJ.
- 51583** RGS, Passo do Socorro p. Vacaria, NEH, in dumosis, 27.12.1951, fl.
- 51732** RGS, Palmares ad Lagoa dos Patos, NEC, in silvula, 8.1.1952, fl.
- 51764** RGS, Morro Grande p. Osório, NEC, in secundariis, 10.1.1952, fl.
- 51885** RGS, Passo da Guarda p. Bom Jesus, NEH, in araucarieto, 15.1.1952, fl.
- 52195** RGS, Kappesberg p. Montenegro, NES, ad silvam, 11.1951, fl.
- 53189** RGS, Cérro Largo p. S. Luiz, NWH, in secundariis, 20.11.1952, fl.
- 53584** Paraná, Cascavel, in secundariis, 10.1.1953, fl.
- 54434** RGS, Vila Manresa p. P. Alegre, NEL, in dumosis, 12.11.1953, fl.
- 54623** RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in secundariis, 1.1.1954, fl.
- 54908** RGS, Vila Oliva p. Caxias, NEH, in araucarieto, 24.2.1954, fl.
- 55319** SC, Laguna, prope litus in dumosis, 29.2.1952, fl., leg. R. Reitz 4702, det. Moldenke.
- 56011** RGS, Vila Manresa p. P. Alegre, NEL, in silvula, 19.11.1954, fl.
- 56218** RGS, Tôrres, NEC, in dumosis, 12.11.1954, fl.
- 56486** RGS, ibidem, 19.1.1955, fl.
- 56744** RGS, Vila Oliva p. Caxias, NEH, in secundariis, 8.2.1955, fl.
- 56933** RGS, Caracol p. Canela, NEH, in dumosis, 18.1.1955, fl., fr., leg. K. Emrich.
- 57325** RGS, Vila Manresa p. P. Alegre, NEL, in silvula, 18.9.1955, fl.
- 58649** RGS, Estação de Silvicultura p. Sta. Maria, CL, in silvula, 20.1.1956, fl., leg. O. Camargo 71.
- 58842** RGS, ibidem, 1.3.1956, fl., leg. O. Camargo 125.
- 59157** RGS, Pestana p. Ijuí, NWH, in silvula, 17.9.1953, fl., leg. J. Pivetta 969.
- 59464** RGS, Farroupilha, NEH, in dumosis, 25.11.1956, fl., leg. O. Camargo 1019.
- 61640** RGS, Taquarí, CL, in dumosis, 8.12.1957, fl., leg. O. Camargo 2762.
- 61208** SC, Itapiranga ad fl. Uruguay, ad silvam, 7.10.1957, fl.
- 62060** RGS, Bento Gonçalves, NEH, in secundariis, 6.10.1957, fl., leg. O. Camargo 1943.
- 62141** RGS, Farroupilha, NEH, in dumosis, 8.10.1957, fl., leg. O. Camargo 1994.
- 62263** RGS, P. Alegre, NEL, in silvula, 1.10.1957, fl., leg. O. Camargo 1835.
- 62423** RGS, Montenegro, NEL, in secundariis, 19.9.1957, fl., leg. O. Camargo 1720.
- 62482** RGS, Garibaldi, NEH, in dumosis, 13.10.1957, fl., leg. O. Camargo 2073.
- 63006** RGS, Pelotas, SEC, in dumosis, 11.3.1956, fl., leg. Schlichting.
- 63431** RGS, ibidem, in dumosis, 24.3.1958, fl., leg. J. Sacco 1091.
- 64037** RGS, ibidem, 26.1.1956, fl., leg. J. Sacco 465.

Habit: Shrub, up to 3 m high.

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

Distribution in RGS: One of the most common species all over the State.

General distribution: With many varieties from southern USA to Chile, central Argentina and Uruguay.

Lantana chamaedryfolia Cham.

Linnaea 7 (1832) 127; Schauer, FB 9 (1851) 260; Moldenke, Kn. Geogr. Distr. Verb. (1949) 77.

26957 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis dumosis, 10.1944, ster.

28914 RGS, ibidem, 23.5.1945, ster.

34160 RGS, ibidem, 16.10.1946, fl.

34161 RGS, ibidem, 16.10.1956, fl.

40080 RGS, ibidem, 22.1.1949, fl.

Habit: Low shrub, branches bushy from a rootstock, up to 40 cm high.

Habitat: Dry, grassy to bushy Campos.

Distribution in RGS: Surroundings of P. Alegre.

General distribution: Rio de Janeiro, RGS.

Lantana chamissonis (D. Dietr.) Benth.

Gen. Plant. 2 (1876) 1142; Briquet, Ark. f. Bot. 2, n. 10 (1904) 16; Moldenke, Kn. Geogr. Distr. Verb. (1949) 77.

433 RGS, Vila Manresa p. P. Alegre, NEL, in silva, 13.8.1932, fl.

1130 SC, Itapiranga ad fl. Uruguay, in silva, 18.2.1934, fl.

11528 RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in silva pluviali, 1.1944, fl., leg. P. Buck SJ.

28158 RGS, Nonoai ad fl. Uruguay, NWU, in silva caedua, 3.1945, fl.

29931 RGS, Kappesberg p. Montenegro, NES, in secundariis, 27.8.1945, fl., leg. E. Friderichs SJ.

33239 RGS, Pareci p. Montenegro, NEL, ad silvam, 5.12.1945, fl., leg. E. Henz, SJ.

36047 RGS, Campinas p. Sta Rosa, NWH, in dumosis, 2.1947, fl., leg. A. Spies.

41724 RGS, Schwabenschneis p. Dois Irmãos, NES, ad silvam, 25.5.1949, fl., det. Moldenke.

42304 RGS, Langschneis p. Montenegro, NES, in silva, 2.7.1949, fr. det. Moldenke.

47135 RGS, Butterberg p. Montenegro, NES, in secundariis, 22.5.1950, fr., det. Moldenke.

48003 RGS, Kappesberg p. Montenegro, NES, in silva pluviali, 6.3.1948, fl., leg. A. Sehnem SJ 3267.

49963 SC, Itapiranga ad fl. Uruguay, in secundariis, 6.2.1951, fl.

50593 RGS, Kappesberg p. Montenegro, NES, in secundariis, 25.3.1950, fl.

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

Habitat: Edges and glades of the rain forest, secondary growth.

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

General distribution: From Peru to northern Argentina; from Colombia through Brazil down to RGS.

Lantana montevidensis (Spreng.) Briq.

Ann. Conserv. et Jard. Bot. Genève 7-8 (1904) 301; Moldenke; Kn. Geogr. Distrib. Verb. (1949) 78. — Lippia montevidensis Spreng., Syst. Veg. 2 (1825) 751. — L. sellowiana Link et Otto, Ic. Plant. Sel. Berol. (1826) 107, tab. 50; Schauer, FB 9 (1851) 261; Herter, Flor. Urug. (1930) 104.

- 447** RGS, Vila Manresa p. P. Alegre, NEL, in dumosis, 16.1.1933, fl.
- 1127** RGS, S. Leopoldo, NEL, in dumosis, 6.12.1922, fl.
- 1136** RGS, sine loco, sine die, fl.
- 1789** SC, Itapiranga ad fl. Uruguay, in secundariis, 15.2.1934, fl.
- 3098** SC, Florianópolis, in dumosis, 6.1938, fl.
- 3165** RGS, sine loco, sine die, fl.
- 3228** RGS, sine die, sine loco, fl.
- 3341** SC, Florianópolis, in silvula, 6.1940, fl.
- 3730** RGS, Hortêncio p. Caí, NES, in secundariis, 3.1.1941, ster.
- 3927** RGS, Vigia p. Caí, NES, in silvula, 12.1.1941, fl.
- 4372** RGS, Taimbesinho p. S. Francisco de Paula, NEH, in dumosis, 7.2.1941, fl.
- 4765** RGS, Rio Guira p. S. Francisco de Paula, NEH, in campestribus dumosis, 10.2.1941, fl.
- 6550** RGS, Teutonia p. Estrela, NES, in dumosis, 16.11.1940, fl.
- 6577** RGS, Nova Petrópolis, NES, in secundariis, 10.11.1940, fl.
- 6630** RGS, ibidem, 10.11.1942, fl.
- 7849** RGS, S. Leopoldo, NEL, in silvula, 1907, fl., leg. F. Theissen SJ.
- 9266** RGS, Jarí p. Tupanciretan, NWH, in dumosis, 26.1.1942, fl.
- 9661** RGS, Tupanciretan, NWH, in campestribus dumosis, 28.1.1942, fl.
- 9817** RGS, ibidem, in silvula, 29.1.1942, ster.
- 9825** RGS, ibidem, in dumosis, 29.1.1942, fl.
- 10109** RGS, Ijuisinho p. Tupanciretan, NWH, in campestribus dumosis, 30.1.1942, fl.
- 10158** RGS, Jarí p. Tupanciretan, NWH, in dumosis, 26.1.1942, fl.
- 25121** RGS, S. Leopoldo, NEL, 1907, fl., leg. F. Theisen SJ.
- 25132** RGS, ibidem, 1907, fl., leg. F. Theissen SJ.
- 25176** RGS, ibidem, 1907, fl., leg. F. Theissen SJ.
- 25485** RGS, S. Leopoldo, NEL, in silvula campestri, 20.7.1943, fl., leg. R. Reitz.
- 26173** RGS, Fazenda do Jarau p. Quarai, SW, in dumosis, 1.1945, fl.
- 26548** RGS, Pareci p. Montenegro, NEL, in silvula, 1944, fl.
- 26634** RGS, ibidem, in secundariis, 1944, fl., leg. E. Henz SJ.
- 27203** RGS, Vila Manresa p. P. Alegre, NEL, ad silvam, 1.10.1944, fl.
(det. Moldenke: L. fucata Lindl.).
- 27588** RGS, Pareci p. Montenegro, NEL, in secundariis, 1944, fl., leg. E. Henz SJ.
- 29056** RGS, Vila Manresa p. P. Alegre, NEL, in dumosis, 25.8.1945, fl.
(det. Moldenke: L. balansae Briq.).
- 29466** RGS, Sapucaia p. S. Leopoldo, NEL, in campestribus dumosis, 5.9.1945, fl. (det. Moldenke: L. fucata Lindl.).
- 29920** RGS, Kappesberg p. Montenegro, NES, in secundariis, fl., leg. E. Friderichs SJ.
- 30976** RGS, Vila Oliva p. Caxias, NEH, in secundariis, 4.1.1946, fl.
- 33470** RGS, S. Leopoldo, NEL, in silvula, 25.7.1946, fl., leg. E. Henz SJ.
- 34454** RGS, Vila Manresa p. P. Alegre, NEL, in dumosis, 1946, fl.
- 34720** RGS, Fazenda da Ronda p. Vacaria, NEH, in silvula campestri, 3.1.1947, fl. (det. Moldenke: L. hypoleuca Briq.).
- 36240** RGS, Cambará p. S. Francisco de Paula, NEH, in silvula campestri, 2.1948, fl.
- 37484** RGS, Vila Manresa p. P. Alegre, NEL, in dumosis, 1.9.1948, fl.
- 87505** RGS, Sapucaia p. S. Leopoldo, NEL, in campestribus dumosis, 5.9.1948, fl.
- 37519** RGS, Galópolis p. Caxias, NES, in secundariis, 8.9.1948, fl.
- 42744** RGS, Sapucaia p. S. Leopoldo, NEL, in dumosis, 5.8.1949, fl.

- 42765 RGS, ibidem, ad silvulum, 5.8.1949, fl.
 42865 RGS, Morretes p. P. Alegre, NEL, in silvula, 10.8.1949, fl.
 43168 RGS, Vila Oliva p. Caxias, NEH, in secundariis, 28.8.1949, fl.
 43362 RGS, Morro da Polícia p. P. Alegre, NEL, in silvula, 9.9.1949, fl.
 43374 RGS, Kappesberg p. Montenegro, NES, in secundariis, 11.9.1948, fl.
 43485 RGS, Vila Manresa p. P. Alegre, NEL, in dumosis, 20.9.1949, fl.
 (det. Moldenke: L. cermakii Briq.).
 43522 RGS, Portão p. S. Leopoldo, NEL, in campestribus dumosis, 23.9.1949, fl. (det. Moldenke: L. cermakii Briq.).
 43668 RGS, Morro das Abertas, p. P. Alegre, NEL, in dumosis, 30.9.1949, fl.
 43844 RGS, ad fl. Caf inferius p. P. Alegrete, NEL, in dumosis, 12.10.1949, fl.
 46907 RGS, Vila Manresa p. P. Alegre, NEL, in dumosis, 3.3.1950, fl.
 48267 Paraná, Florestal p. Piraquara, in dumosis, 10.10.1948, fl., leg. G. Hatschbach 1019.
 48480 RGS, Kappesberg p. Montenegro, NEH, in secundariis, 4.9.1946, fl.
 48585 RGS, ibidem, 1.9.1949, fl., leg. A. Sehnem SJ 3774.
 48705 RGS, Sapucaia p. S. Leopoldo, NEL, in dumosis, 7.9.1950, fl.
 48710 RGS, ibidem, 7.9.1950, fl.
 48746 RGS, Osório, NEC, in secundariis, 11.9.1950, fl.
 48978 RGS, Granja Neugebauer p. Itapoan, NEL, in dumosis, 11.10.1950, fl.
 51356 RGS, Taimbesinho p. S. Francisco de Paula, NEH, in silvula, 5.11.1951, fl.
 51467 RGS, Passo do Socorro p. Vacaria, NEH, in dumosis, 26.12.1951, fl.
 54443 RGS, Vila Manresa p. P. Alegre, NEL, in dumosis, 13.11.1953, fl.
 55315 SC, Brusque, in secundariis, 14.9.1950, fl., leg. R. Reitz 4722, det. Moldenke.
 55961 RGS, Taimbesinho p. S. Francisco de Paula, NEH, ad araucarietum, 3.11.1954, fl.
 57081 RGS, Vila Manresa p. P. Alegre, NEL, in dumosis, 15.10.1955, fl.
 58409 Paraná, S. José dos Pinhais, ad silvam, 22.9.1953, fl., leg. R. Reitz 8379, det. Moldenke.
 59600 RGS, Farroupilha, NEH, in secundariis, 24.9.1956, fl., leg. O. Camargo 760.
 59161 RGS, Pestana p. Ijuí, NWH, in dumosis, 21.12.1953, fl., leg. J. Piavetta 973.
 60520 RGS, Pelotas, SEC, in dumosis, 27.9.1954, fl., leg. J. Sacco.
 62139 RGS, P. Alegre, NEL, in dumosis, 1.10.1957, fl., leg. O. Camargo 1818.
 62271 RGS, Farroupilha, NEH, in dumosis, 1.9.1957, fl., leg. O. Camargo 1680.
 62357 RGS, Montenegro, NEL, in dumosis, 19.9.1957, leg. O. Camargo 1746.
 63830 RGS, Passo Fundo, CH, in dumosis, 9.1949, misit Sacco 3.

Note: in my opinion, there is no real difference between *L. montevidensis* (Spr.) Briq. and *L. fucata* Lindl., *L. balansae* Briq., *L. hypoleuca* Briq., *L. cermakii* Briq.; Briquet seems to have been too liberal in creating new species where neither description nor careful comparison reveals any hard and fast line of difference.

Habit: Shrub with slender virgate branches, up to 2 m high.

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

Distribution in RGS: All over the territory, very frequent.

General distribution: From southern USA down to northern Argentina and Uruguay.

Lantana reineckii Briq.,

Ann. Conserv. et Jard. Bot. Genève 3 (1899) 165; Bornmüller, Rev. Sud. Bot. 2 (1935) 6; Moldenke, Kn. Geogr. Distr. Verb. (1949) 78.

- 441** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 10.1.1932, fl.
- 8357** RGS, Montserrat p. P. Alegre, NEL, in campestribus siccis graminosis, 1.12.1941, fl., leg. K. Emrich.
- 9471** RGS, Jari p. Tupanciretan, NWH, in campestribus apertis graminosis, 27.1.1942, fl.
- 11267** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus dumosis, 1943, fl.
- 26513** RGS, Pareci p. Montenegro, NEL, in siccis graminosis, 1944, fl., leg. E. Henz SJ.
- 26996** RGS, Morro da Policia p. P. Alegre, NEL, in campestribus siccis dumosis, 10.1944, fl.
- 27116** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus graminosis, 10.1944, fl.
- 27289** RGS, Morro da Policia p. P. Alegre, NEL, in siccis graminosis, 10.1944, fl., det. Moldenke.
- 28554** RGS, Nonoai ad fl. Uruguay, NWU, in campestribus siccis graminosis, 3.1945, ster.
- 28654** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 3.1945, fl., fr., leg. P. Buck SJ.
- 29030** RGS, Morro da Policia p. P. Alegre, NEL, in campestribus graminosis, 28.8.1945, fl.
- 32567** RGS, Pareci p. Montenegro, NEL, in campestribus siccis graminosis, 10.10.1945, fl., leg. E. Henz SJ.
- 37828** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus graminosis, 2.10.1948, fl.
- 37884** RGS, Montserrat p. P. Alegre, NEL, in campestribus saxosis graminosis, 13.10.1948, fl.
- 39666** RGS, Morro das Abertas p. P. Alegre, NEL, in saxosis graminosis, 9.1.1949, fl.
- 43475** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus dumosis, 20.9.1949, fl., det. Moldenke.
- 43723** RGS, Morro de Sta Teresa p. P. Alegre, NEL, in campestribus dumosis, 3.10.1949, fl.
- 51353** RGS, Leprosário p. Itapoan, NEL, in campestribus graminosis, 14.12.1951, fl.
- 53034** RGS, Sto Angelo, NWH, in campestribus graminosis, 17.11.1952, fl.
- 54444** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus graminosis, 12.11.1953, fl.
- 57522** RGS, Estação de Silvicultura p. Sta. Maria, CL, in campestribus, 30.11.1955, fl., leg. O. Camargo 67.
- 55299** SC, Campo Erê p. Chapecó, in campestribus, 24.1.1952, fl., leg. R. Reitz 4743, det. Moldenke.
- 57523** RGS, Estação de Silvicultura p. Sta Maria, CL, in campestribus, 28.11.1955, fl., leg. O. Camargo 52.
- 58759** RGS, ibidem, 1.3.1956, ster, leg. O. Camargo 90.
- 59132** RGS, Pestana p. Ijuí, NWH, in campestribus, 14.2.1954, fl., leg. J. Pivetta 974.
- 62603** RGS, P. Alegre, NEL, in campestribus, 1.11.1957, fl., leg. O. Camargo 2406.

64017 RGS, Pelotas, SEC, in campestribus siccis, 8.3.1956, fl., leg. J. Sacco 574.

Habit: Low shrub, densely branched from a thick, woody rootstock, branches up to 40 cm long.

Habitat: Dry, grassy to shrubby Campos.

Distribution in RGS: Southern and western Campos area.

General distribution: From Paraná to RGS.

LIPPIA L.

Lippia alba (Mill.) N.E. Br.

in Britt. and P. Wils. Scient. Surv. Puerto Rico 6 (1925) 141; Moldenke, Kn. Geogr. Distr. Verb. (1949) 80. — *Lantana alba* Mill., Gard. Dict. ed. 8 (1768) n. 8. — *Lippia geminata* H.B.K., Nov. Gen. Spec. 2 (1818) 266; Schauer, FB 9 (1951) 235; Herter, Flor. Urug. (1930) 105.

434 RGS, Osório, NEC, culta, 11.2.1933, fl.

10138 RGS, Ijuisinho p. Tupanciretan, NWH, in campestribus dumosis, 30.1.1942, fl.

11265 RGS, P. Alegre, NEL, culta, 1942, fl., leg. K. Emrich.

11545 RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in horto, 1. 1943, fl., leg. P. Buck SJ.

26430 RGS, Fazenda das Almas p. Palmares, NEL, in arenosis dumosis, 1.1945, fl., leg. P. Buck SJ.

27560 RGS, Pareci p. Montenegro, NEL, in horto, 1944, fl., leg. E. Henz SJ.

28261 RGS, Nonoai p. fl. Uruguay, NWU, culta, 3.1945, ster.

29629 RGS, Montserrat p. P. Alegre, NEL, in campestribus dumosis, 10. 9.1945, fl., leg. K. Emrich.

35551 RGS, Dois Irmãos p. S. Leopoldo, NES, culta, 10.10.1946, fl., leg. E. Henz SJ, det. Moldenke.

38012 RGS, Barra do Ribeiro p. P. Alegre, NEL, in arenosis dumosis, 14.11.1948, fl.

39489 RGS, Cristal p. P. Alegre, NEL, in sabulosis dumosis, 5.1.1949, fl.

43206 RGS, ad montem Ferrabraz p. Novo Hamburgo, NEL, culta, 2.9. 1949, fl.

47332 RGS, Ijuí, NWH, culta, 2.1950, fl., leg. A. Spies.

47815 RGS, Badensertal p. Montenegro, NES, culta, 8.9.1949, fl., leg. A. Sehnem SJ 3823.

49694 RGS, Lagoa dos Quadros p. Torres, NEC, in sabulosis dumosis, 18.1.1951, fl.

50497 RGS, Kappesberg p. Montenegro, NES, in dumosis (subspontanea?), 21.9.1949, fl., leg. A. Sehnem SJ 3872.

59158 RGS, Pestana p. Ijuí, NWH, in dumosis, 20.10.1953, fl., leg. J. Pivetta 970.

61654 RGS, Taquarí, CL, in dumosis, 10.12.1957, fl., leg. O. Camargo 2785.

Habit: Shrub with long, virgate, more or less recumbent branches.

Habitat: Apparently on sandy, dry, shrubby Campos.

Distribution in RGS: Often cultivated for medicinal purposes; apparently native near the sea coast.

General distribution: From southern USA to central Argentina and Uruguay.

Lippia angustifolia Cham.

Linnaea 7 (1832) 377; Schauer, *FB* 9 (1851) 242; Herter, *Flor. Urug.* (1930) 104; Moldenke, *Kn. Geogr. Distr. Verb.* (1949) 80.

25780 RGS, Fazenda Sta Cecilia p. S. Gabriel, SW, in *campestribus sub-humidis dumosis*, 7.1.1944, fl., det. Moldenke.

36858 Paraná, Tibagi, in *paludosis dumosis*, 29.3.1947, fl., leg. G. Hatschbach 661, det. Moldenke.

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

Habitat: Swampy thickets.

Distribution in RGS: Southwestern plains only.

General distribution: Minas Gerais to RGS; Paraguay to Uruguay.

Lippia arechavaletae Mold.

Lilloa 5 (1940) 420; *idem*, *Kn. Geogr. Distr. Verb.* (1949) 80.

2751 RGS, Morro dos Bois p. S. Leopoldo, NEL, in *dumosis*, 9.9.1936, fl., det. Moldenke (var. *microphylla* Mold.).

3920 RGS, Morro Vigia p. Livramento, SW, in *campestribus siccis dumosis*, 12.1.1941, ster.

28181 RGS, Nonoai ad fl. Uruguay, NWU, in *campestribus dumosis*, 3.1945, ster.

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

Habitat: Very dry, grassy Campos.

Distribution in RGS: Western Campos area, rare.

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

Lippia asperrima Cham.

Linnaea 7 (1832) 215; Schauer, *FB* 9 (1851) 233; Moldenke, *Kn. Geogr. Distr. Verb.* (1949) 80.

3035 RGS, Caaró p. S. Luiz, NWH, in *campestribus siccis graminosis*, 28.1.1938, fl.

3040 RGS, ibidem, 28.1.1938, fl., det. Moldenke.

4159 RGS, Rio Garopá p. Quaraí, SW, in *campestribus siccis graminosis*, 14.1.1941, fl.

9350 RGS, Jarí p. Tupanciretan, NWH, in *campestribus siccis saxosis graminosis*, 26.1.1942, fl.

26114 RGS, Fazenda do Jarau p. Quaraí, SW, in *campestribus siccis graminosis*, 1.1945, fl.

34486 RGS, Cérro Largo p. S. Luiz, NWH, in *campestribus dumosis*, 6.12.1946, fl., leg. Irm. Augusto.

48041 RGS, S. Luiz, NWH, in *campestribus siccis graminosis*, 4.2.1949, fl.

48281 RGS, Paraná, Eng. Bley p. Lapa, in *campestribus siccis saxosis*, 26.9.1948, fl., leg. G. Hatschbach 1006.

53011 RGS, Sto Angelo, NWH, in *campestribus graminosis*, 17.11.1952, fl.

53437 RGS, Caaró p. S. Luiz, NW, in *campestribus graminosis*, 24.11.1952, fl.

59123 RGS, Pestana p. Ijuí, NEH, in campestribus siccis dumosis, 19.2. 1954, fl., leg. J. Pivetta 981.

60323 RGS, S. Bernardo p. Ijuí, NWH, in campestribus, 8.1.1957, fl.

63153 RGS, Uruguaiana, SW, in campestribus, 1957, fl., leg. A. Spies.

63196 RGS, ibidem, 1957, fl., leg. A. Spies.

Habit: Small, woody shrub 10-50 cm high.

Habitat: Very dry, open, grassy Campos.

Distribution in RGS: Western Campos area only.

General distribution: Minas Gerais to RGS; Paraguay to northern and northeastern Argentina.

Lippia ekmani Mold.

Phytologia 2 (1947) 365; idem, Kn. Geogr. Distr. Verb. (1949) 365.

3041 RGS, Caaró p. S. Luiz, NWH, in campestribus siccis subdumosis, 28.1.1938, fl., det. Moldenke.

61369 RGS, Pestana p. Ijuí, NWH, in campestribus, 16.2.1956, fl., leg. J. Pivetta 1157.

Habit: Elegant, woody shrub, up to 75 cm high.

Habitat: Dry, more or less shrubby Campos.

Distribution in RGS: Western Campos only.

General distribution: Misiones; western RGS.

Lippia hassleriana Chod.

Bull. Herb. Boiss. 2. sér. 2 (1902) 821; Moldenke, Kn. Geogr. Distr. Verb. (1949) 80.

10004 RGS, Ijuisinho p. Tupanciretan, NWH, in campestribus dumosis, 30.1.1942, fl., det. Moldenke.

Habit: Small shrub, up to 1 m high.

Habitat: Dry, shrubby Campos.

Distribution in RGS: One only findplace.

General distribution: Paraguay, RGS.

Lippia hieracifolia Cham.

Linnaea 7 (1832) 243; Schauer, FB 9 (1851) 242; Briquet, Ark. f. Bot. 2 n. 10 (1904) 20; Herter, Flor. Ur. (1930) 105; Bornmüller, Rev. Sud. Bot. 2 (1935) 6; Moldenke, Kn. Geogr. Distr. Verb. (1949) 80.

438 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 13.1.1933, fl.

1219 RGS, sine loco, sine die, fl.

1802 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 8.11.1931, fl.

4867 RGS, Passo do Inferno p. Canela, NEH, in campestribus siccis subdumosis, 10.2.1941, ster.

6735 RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in campestribus subdumosis, 8.2.1941, fl.

- 8297** RGS, Montserrat p. P. Alegre, NEL, in campestribus siccis dumosis, sine die, fl., leg. K. Emrich.
- 8362** RGS, ibidem, 1.12.1942, fl., leg. K. Emrich.
- 9145** RGS, Jarí p. Tupanciretan, NWH, in campestribus subdumosis, 26.1.1942, det. Moldenke.
- 9456** RGS, ibidem, 27.1.1942, fl.
- 9953** RGS, Ijuisinho p. Tupanciretan, NWH, in graminosis, 30.1.1942, ster.
- 10059** RGS, ibidem, 30.1.1942, fl.
- 10077** RGS, ibidem, 30.1.1942, fl.
- 25547** RGS, Sta Maria, CL, in campestribus dumosis, 1943, fl., leg. A. Heidler SJ.
- 25614** RGS, Fazenda Sta Cecilia p. S. Gabriel, SW, in campestribus siccis graminosis, 1.1944, fl.
- 25782** RGS, ibidem, 1.1944, fl.
- 27010** RGS, Morro da Policia p. P. Alegre, NEL, in campestribus siccis graminosis, 10.1944, fl.
- 28682** RGS, Montserrat p. P. Alegre, NEL, in campestribus siccis graminosis, 30.1.1945, fl., leg. K. Emrich, det. Moldenke.
- 29394** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis saxosis, 7.11.1945, fl.
- 35824** RGS, Espírito Santo p. P. Alegre, NEL, in siccis saxosis, 30.11.1946, fl., leg. K. Emrich.
- 38138** RGS, Morro da Policia, NEL, in campestribus dumosis graminosis, 20.11.1948, fl.
- 38681** RGS, Rio dos Sinos p. S. Leopoldo, NEL, in campestribus dumosis, 10.12.1948, fl., det. Moldenke.
- 39170** RGS, Espírito Santo p. P. Alegre, NEL, in campestribus dumosis, 24.12.1948, fl.
- 39467** RGS, Teresópolis p. P. Alegre, NEL, in campestribus dumosis, 4.1.1949, fl.
- 39541** RGS, Cachoeirinha p. Gravataí, NEL, in campestribus graminosis, 7.1.1949, fl.
- 39651** RGS, Morro das Abertas p. Alegre, NEL, in siccis graminosis, 9.1.1949, fl.
- 40508** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus subdumosis, 14.3.1949, fl.
- 40945** RGS, ad montem das Cabras p. S. Leopoldo, NEL, in arenosis subnudis, 8.4.1949, fl.
- 46715** RGS, Viamão p. P. Alegre, NEL, in campestribus dumosis, 10.4.1950, fl.
- 46849** RGS, ibidem, 17.4.1950, fr.
- 51343** RGS, Leprosário p. Itapoan, NEL, in sabulosis graminosis, 14.12.1951, fl.
- 53033** RGS, Sto Angelo, NWH, in campestribus siccis graminosis, 17.11.1952, fl.
- 58638** RGS, Estação de Silvicultura p. Sta Maria, CL, in campestribus siccis, 20.1.1956, fl., leg. O. Camargo 82.
- 58786** RGS, ibidem, 3.2.1956, fl., leg. O. Camargo 234.
- 50507** RGS, Pelotas, SEC, in siccis graminosis, 15.3.1955, fl. leg. J. Sacco.
- 63931** RGS, ibidem, 8.3.1956, fl., leg. J. Sacco 558.

Habit: Herbaceous, from a woody rootstock, up to 1 m high.

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

Distribution in RGS: Frequent all over the Campos area.

General distribution: Argentine Mesopotamia, RGS, Uruguay.

Lippia morongii Kuntze

Rev. Gen. Plant. 3, 2 (1898) 263; Kn. Geogr. Distr. Verb. (1949) 80.

25783 RGS, Fazenda Sta Cecilia p. S. Gabriel, SW, in campestribus siccis dumosisis, 7.1.1944, fl., det. Moldenke.

Habit: Shrub, up to 50 cm high.

Habitat: Dry, more or less open grassy Campos.

Distribution in RGS: One only findplace on the southwestern plains.

General distribution: From Matogrosso through Paraguay and northeastern Argentina to western RGS, and Uruguay.

Lippia ramboi Mold.

Lloydia 13 (1950) 223.

11569 RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in araucarieto humido, 1.1944, fl., fr., leg. P. Buck SJ.

46306 RGS, S. Francisco de Paula, NEH, in araucarieto, 13.3.1950, fl., fr., det. Moldenke.

52156 RGS, Morrinhos p. S. Francisco de Paula, NEH, in araucarieto ad rivum, 7.2.1952, fl.

54583 RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in silvula paludosa, 1.1.1954, fl.

Habit: Woody shrub, 2 m high.

Habitat: Dense Araucaria forest in moist places.

Distribution in RGS: Along the southern rim of the northeastern Highlands only.

General distribution: So far, RGS only.

Lippia turnerifolia Cham.

Linnaea 7 (1832) 217; Schauer, FB 9 (1851) 233; Herter, Flor. Ur. (1930) 105; Moldenke, Kn. Geogr. Distr. Verb. (1949) 81.

var. *sessilifolia* Mold., Lloydia 13 (1950) 224.

28180 RGS, Nonoai ad fl. Uruguay, NWU, in campestribus dumosisis, 3.3.1945, fl., det. Moldenke (var. *sessilifolia* Mold.)

28436 RGS, ibidem, 3.3.1945, fl., det. Moldenke.

Habit: Small shrub, 50 cm high.

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

Distribution in RGS: No other findplace.

General distribution: From Paraná to RGS; from Paraguay to northern Argentina and Uruguay.

Lippia villafloridana Kuntze

Rev. Gen. Plant. 2,3 (1898) 253; Moldenke, Kn. Geogr. Distr. Verb. (1949) 99.

3033 RGS, Caaró p. S. Luiz, NWH, in campestribus graminosis, 28.1.1958, fl., det. Moldenke.

Habit: Small plant, leaves almost rosette like, stalk of the inflorescence comparatively longer than the stem.

Habitat: Dry, grassy Campos.

Distribution in RGS: Northwestern Highlands only.

General distribution: Paraguay, RGS.

PHYLA Lour.

Phyla nodiflora (L.) Greene

Pittonia 4 (1899) 46; Moldenke, Kn. Geogr. Distr. Verb. (1949) 192. — *Lippia nodiflora* (L.) Rich., in Michaux Fl. Bor. Am. 2 (1803) 15; Schauer, FB 9 (1851) 238; Briquet, Ark. f. Bot. 2 n. 10 (1904) 19; Hertzer, Flor. Urug. (1930) 105; — *Verbena nodiflora* L., Spec. Plant. (1753) 20.

445 RGS, Canoas p. P. Alegre, NEL, in humidis arenosis graminosis, 16.10.1932, fl.

4248 RGS, Barra do Quaraí p. Uruguaiana, SW, ad viam ferream in arenosis humidis, 15.1.1941, fl.

4248 RGS, ibidem, 14.1.1941, fl.

25733 RGS, Fazenda Sta. Cecília p. S. Gabriel, SW, in humidis arenosis, 1.1944, fl.

26001 RGS, Fazenda do Jarau p. Quaraí, SW, in arenosis humidis, 1.1945, fl.

26441 RGS, Fazenda das Almas p. Palmares, NEL, in arenosis humidis, 1.1945, fl., leg. P. Buck SJ.

39481 RGS, Cristal p. P. Alegre, NEL, in sabulosis humidis herbosis, 5.1.1949, fl., det. Moldenke.

63287 RGS, Pelotas, SEC, in humidis, 2.12.1957, fl., leg. J. Sacco 757.

Habit: Prostrate to ascending, rooting at the lower joints, branches up to 50 cm long.

Habitat: Sandy, moist, grassy places.

Distribution in RGS: Southern Campos area, not frequent.

General distribution: Southern USA to RGS and Uruguay.

STACHYTARPHETA Vahl.

Stachytarpheta laevis Mold.

Phytologia 2 (1947) 369; idem, Kn. Geogr. Distr. Verb. (1949) 90.

442 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus dumosis, 16.10.1932, fl.

- 1140 RGS, Lagoa dos Barros p. Osório, NEC, in dumosis, 2.1.1935, fl.
- 1141 SC, Itapiranga ad fl. Uruguay, ad viam in dumosis, 16.2.1934, fl.
- 4683 RGS, Sto Angelo, NWH, in dumosis, 18.2.1941, fl., fr.
- 7844 RGS, S. Leopoldo, NEL, in campestribus siccis dumosis, 1907, fl., leg. F. Theissen SJ.
- 7845 RGS, ibidem, 1907, fl., leg. F. Theissen SJ.
- 8318 RGS, sine die, sine loco, leg. Brusque.
- 25092 RGS, S. Leopoldo, NEL, in campestribus siccis dumosis, 1907, fl., leg. F. Theissen SJ.
- 25464 RGS, ibidem, 1943, fl., leg. R. Reitz.
- 26166 RGS, Fazenda do Jarau p. Quaraí, SW, in campestribus saxosis, 1.1945, fl., fr.
- 26616 RGS, Pareci p. Montenegro, NEL, in campestribus siccis dumosis, 1944, fl., leg. E. Henz SJ.
- 28374 RGS, Nonoai ad fl. Uruguay, NWU, ad viam, 3.1945, fl.
- 28375 RGS, ibidem, in dumosis, 3.1945, fl.
- 29306 RGS, Vila Manresa p. P. Alegre, NEL, in incultis, 16.10.1945, fl.
- 33221 RGS, Pareci p. Montenegro, NEL, in campestribus, 5.12.1945, fl.
- 37882 RGS, Morro da Polícia p. P. Alegre, NEL, in secundariis, 6.11.1948, fl.
- 38419 RGS, Sapucaia p. S. Leopoldo, NEL, in dumosis, 29.11.1948, fl.
- 39726 RGS, Pareci p. Montenegro, NEL, ad viam, 14.1.1949, fl.
- 44418 RGS, Esteio p. S. Leopoldo, NEL, in campestribus, 14.11.1949, fl.
- 44716 RGS, Lagoa dos Barros p. Osório, NEC, ad lacum in dumosis, 14.12.1949, fl.
- 44717 RGS, ibidem, in viam in dumosis, 14.12.1949, fl.
- 46066 RGS, Vila Manresa p. P. Alegre, NEL, in incultis, 3.3.1950, fl.
- 46327 RGS, Cristo Rei p. S. Leopoldo, NEL, in dumosis, 17.3.1950, fl.
- 46502 RGS, Lagoa da Pinguela p. Osório, NEC, in incultis, 27.3.1950, fl.
- 46590 RGS, Itapoan p. P. Alegre, NEL, in dumosis, 3.4.1950, fl.
- 46724 RGS, Viamão p. P. Alegre, NEL, in campestribus, 10.4.1950, fl.
- 47024 RGS, Lagoa da Pinguela p. Osório, NEC, ad viam, 8.5.1950, fl.
- 47095 RGS, Vila Manresa p. P. Alegre, NEL, in dumosis, 15.5.1960, fl.
- 49684 RGS, Lagoa dos Quadros p. Torres, NEC, in arenosis, 18.1.1951, fl.
- 50434 RGS, Itacolumí p. Gravataí, NEL, in arenosis, 12.1.1950, fl., leg. A. Sehnem SJ 4194.
- 51758 RGS, Morro Grande p. Osório, NEC, ad viam, 10.2.1952, fl.
- 52259 RGS, S. Leopoldo, NEL, in dumosis, 1951, fl., leg. A. Spies.
- 53538 Paraná, Cascavel, ad viam in silva, 10.1.1953, fl.
- 56217 RGS, Torres, NEC, in graminosis siccis, 12.11.1954, fl.
- 56474 RGS, ibidem, in graminosis, 19.1.1955, fl.
- 59159 RGS, Pestana p. Ijuí, NWH, in campestribus, 22.1.1954, fl., leg. J. Pivetta 971.
- 60354 RGS, Estação de Silvicultura p. Sta Maria, CL, in dumosis, 10.4.1956, fl., leg. O. Camargo 537.
- 61518 RGS, Taquarí, CL, in campestribus siccis dumosis, 14.12.1957, fl., leg. O. Camargo 2956.
- 62623 RGS, P. Alegre, NEL, in campestribus siccis, 2.11.1957, fl., leg. O. Camargo 2425.

Habit: Herbaceous, densely branched, up to 1 m high.

Habitat: Dry, more or less open or shrubby Campos; shows marked weedy tendencies.

Distribution in RGS: Over the whole of the Campos area, except for the northeastern most Highlands; frequent in the cultivated area of former rain forest.

General distribution: From Paraná to RGS.

***Stachytarpheta polyura* Schauer**

FB 9 (1851) 201; Moldenke, Kn. Geogr. Distr. Verb. (1949) 90.

31598 SC, Sombrio p. Araranguá, in arenosis dumosis, 5.2.1946, fl., fr.
38084 RGS, Vila Manresa p. P. Alegre, NEL, in dumosis ad rivum, 17.11.1948, fl., det. Moldenke.

Habit: Fruticose, up to 2 m high.

Habitat: Shrubby bank of a stream.

Distribution in RGS: No other findplace.

General distribution: From Goiás to RGS.

TIMOTOCIA Mold.***Timotocia Chamaedryfolia* (Cham.) Mold.**

Fedde Rep. 39 (1936) 143; idem, Kn. Geogr. Distr. Verb. (1949) 93. —
Casselia chamaedryfolia Cham., Linnaea 7 (1832) 365; Schauer, FB 9 (1851) 75.

8777 RGS, Bom Jesus, NEH, in campestribus graminosis, 15.1.1942, fl., fr.

32167 RGS, Taimbesinho p. S. Francisco de Paula, NEH, in graminosis subsumidis, 14.2.1946, fl., fr.

36410 RGS, Cambará p. S. Francisco de Paula, NEH, in campestribus dense graminosis, 2.1948, fl., fr.

54015 RGS, Taimbesinho p. S. Francisco de Paula, NEH, in humidis graminosis, 20.2.1953, fl.

54533 RGS, ibidem, 13.11.1953, fl., fr.

60150 SC, Campo dos Padres p. Bom Retiro, in rupestribus humidis, 23.1.1957, fl.

60173 RGS, ibidem, 23.1.1957, fl.

60198 RGS, ibidem, 23.1.1957, fl.

Habit: Small herb, prostrate to ascending, branches dense, up to 30 cm long.

Habitat: Moist, grassy Campos.

Distribution in RGS: Northeasternmost Highlands only.

General distribution: From Goiás to RGS.

VERBENA L.***Verbena alata* Cham.**

Linnaea 7 (1832) 258; Schauer, FB 9 (1851) 190; Moldenke, Kn. Geogr. Distr. Verb. (1949) 93.

1134 RGS, Cérro do Umbú p. Osório, NEC, in paludosis alte dumosis, 31.12.1934, fl.

6838 SC, Lages, in paludosis, 1935, fl., leg. A. Bruxel SJ.

- 28735** RGS, Caracol p. Canela, NEH, in paludosis dense dumosis, 21.1. 1941, fl., fr., leg. K. Emrich.
- 29983** RGS, ibidem, ad rivum in dumosis, 15.2.1936, fl., leg. K. Emrich.
- 31459** SC, Sombrio p. Araranguá, in paludosis alte dumosis, 1.2.1946, fl., fr.
- 32302** RGS, Tainhas p. S. Francisco de Paula, NEH, in paludosis alte dumosis, 17.2.1946, fl.
- 35956** Paraná, Curitiba, in paludosis dumosis, 14.10.1946, fl., leg. G. Hatschbach 484, det. Moldenke.
- 36416** RGS, Cambará p. S. Francisco de Paula, NEH, in paludosis alte dumosis, 2.1948, fl., fr.
- 44083** RGS, Barreto Vianna p. S. Leopoldo, NEL, in paludosis dumosis, 24.10.1949, fl., det. Moldenke.
- 44585** RGS, Vila Oliva p. Caxias, NEH, in palude dumosa, 23.12.1949, fl.
- 44819** RGS, S. Francisco de Paula, NEH, in paludosis dumosis, 18.12.1949, fl.
- 44944** RGS, Gramado p. Canela, NEH, in paludosis dense dumosis, 26.12. 1949, fl.
- 45639** RGS, S. Francisco de Paula, NEH, in paludosis dumosis, 31.1.1950, fl., fr.
- 46011** RGS, Lagoa dos Quadros p. Torres, NEC, in paludosis alte dumosis, 21.2.1950, fl., fr.
- 49719** RGS, ibidem, 18.1.1951, fl.
- 49760** RGS, ibidem, 18.1.1951, fl.
- 52806** RGS, Caracol p. Canela, NEH in humidis dumosis, 1.1953, fl., leg. K. Emrich.
- 53933** RGS, Taimbesinho p. S. Francisco de Paula, NEH, in paludosis alte dumosis, 20.1.1953, fl.
- 53959** RGS, ibidem, 20.2.1953, fl.
- 54084** RGS, ibidem, 20.2.1953, fl.
- 54634** RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in paludosis dense dumosis, 1.1.1954, fl.
- 54735** RGS, ibidem, 1.1.1954, fl.
- 55046** RGS, Vila Oliva p. Caxias, NEH, in subpaludosis dumosis, 24.2. 1954, fl., fr.
- 56353** RGS, Fazenda Englert p. S. Francisco de Puala, NEH, in paludosis dumosis, 2.1.1955, fl.
- 56798** RGS, Taimbesinho p. S. Francisco de Paula, NEH, in paludosis dumosis, 16.2.1955, fl.
- 60516** RGS, Pelotas, SEC, in paludosis, 19.3.1954, fl., leg. J. Sacco.
- 64063** RGS, ibidem, 14.11.1955, fl., leg. J. Sacco 411.

Habit: Herbaceous, sparsely branched, very stiff, leaves reduced, habit xerophytic (!), up to 2 m high.

Habitat: Swamps, densely vegetated by shrub and tall herbs.

Distribution in RGS: Northeastern Lowlands and coastal strip, especially frequent on the northeastern Highlands.

General distribution: From Minas Gerais to RGS.

Verbena bonariensis L.

Spec. Plant. (1753) 28; Schauer, FB 9 (1851) 189; Briquet, Ark. f. Bot. 2, n. 10 (1904) 10; Herter, Flor. Urug. (1930) 105; Bornmüller, Rev. Sud. Bot. 2 (1935) 5; Moldenke, Kn. Geogr. Distr. Verb. (1949) 93.

- 603** RGS, Sapucaia p. S. Leopoldo, in campestribus siccis dumosis, 17. 10.1934, fl.
- 1132** RGS, sine loco, sine die, fl.
- 3036** RGS, São Borja, SW, in campestribus siccis subdumosis, 20.1.1938, fl.
- 3044** RGS, ibidem, in aerodromo, 20.1.1938, fl.
- 3931** RGS, Morro Vigia p. Livramento, SW, in campestribus siccis dumosis, 12.1.1941, fl., fr.
- 8378** RGS, Caixa d'Agua p. P. Alegre, NEL, in campestribus siccis dumosis, 15.11.1941, fl., leg. K. Emrich.
- 8990** RGS, Bom Jesus, NEH, in campestribus subsiccis dumosis, 15.12. 1942, fl.
- 9468** RGS, Jarí p. Tupanciretan, NWH, in campestribus siccis alte graminosis, 27.1.1942, fl.
- 9718** RGS, Tupanciretan, NWH, in campestribus siccis graminosis, 29.1. 1942, fl. subaperto.
- 10037** RGS, Ijuisinho p. Tupanciretan, NWH, in campestribus siccis dumosis, 30.1.1942, fl., fr.
- 10063** RGS, ibidem, 30.1.1942, fl.
- 25693** RGS, Fazenda Sta Cecilia p. S. Gabriel, SW, in campestribus siccis dumosis, 1.1944, fl.
- 26266** RGS, Fazenda do Jarau p. Quaraí, SW, in campestribus siccis dumosis, 1.1945, fl., fr.
- 28486** RGS, Nonoai, NWU, in campestribus subsiccis dumosis, 3.1945, fl.
- 30933** RGS, Vila Oliva p. Caxias, NEH, in campestribus subdumosis, 2.1. 1946, fl.
- 32965** RGS, Pareci p. Montenegro, NEL, in campestribus dumosis, 15.1. 1946, fl., leg. A. Strieder.
- 34521** SC, Joinville, in incultus, 16.11.1946, fl.
- 35458** RGS, S. Leopoldo, NEL, in campestribus siccis dumosis, 6.11.1946, fl., leg. C. Ritter SJ, det. Moldenke (var. conglomerata Briq.)
- 36412** RGS, Cambará p. S. Francisco de Paula, NEH, in campestribus subsiccis subdumosis, 2.1948, fl.
- 37454** RGS, Campo do Varejão p. Itapoan, NEL, in campestribus dumosis, 10.4.1948, fl., leg. K. Emrich.
- 38179** RGS, Sapucaia p. S. Leopoldo, NEL, in campestribus dumosis, 22. 11.1948, fl.
- 38325** RGS, Esteio p. S. Leopoldo, NEL, in paludosis, 24.11.1948, fl., fr.
- 38408** RGS, Sapucaia p. S. Leopoldo, NEL, in campestribus dumosis, 29. 11.1948, fl., det. Moldenke (v. conglomerata Briq.).
- 38916** RGS, S. Leopoldo, NEL, in campestribus siccis graminosis subdumosis, 17.12.1948, fl., fr.
- 38973** RGS, Chácara Weber p. Itapoan, NEL, in campestribus siccis saxosis dumosis, 18.12.1948, fl.
- 39451** RGS, Vila Manresa p. P. Alegre, NEL, in dumosis, 4.1.1949, fl., fr.
- 39812** RGS, Pareci p. Montenegro, NEL, in subhumidis dumosis, 14.1.1949, fl., fr.
- 40491** RGS, Vila Manresa p. P. Alegre, NEL, in dumosis, 14.3.1949, fl.
- 40749** RGS, Cristal p. P. Alegre, NEL, in arenosis, 31.3.1949, fl.
- 41074** RGS, ad fl. Gravataí p. P. Alegre, NEL, in dumosis subhumidis, 18.4.1949, fl.
- 41219** RGS, ad fl. Cai inferius, NEL, in dumosis subpaludosis, 27.1.1949, fl. (Moldenke: V. Inamoena Briq.).
- 43510** RGS, S. Leopoldo, NEL, in campestribus subdumosis, 23.9.1949, fl.
- 43906** RGS, ad fl. Cai inferius p. P. Alegre, NEL, in campestribus dumosis, 12.10.1949, infl. juv.

- 44116** RGS, Barreto Vianna p. S. Leopoldo, NEL, in campestribus dumosis 24.10.1949, fl.
- 44251** RGS, Sapucaia p. S. Leopoldo, NEL, in campestribus dumosis, 5.11.1949 fl.
- 44272** RGS, ibidem, 5.11.1949, infl. novis.
- 44599** RGS, Vila Oliva p. Caxias, NEH, in campestribus dumosis, 3.12.1949, fl.
- 45281** RGS, ad montem Itacolomí p. Gravataí, NEL, in campestribus dumosis, 11.1.1950, fl.
- 49696** RGS, Lagoa dos Quadros p. Torres, NEC, in dumosis siccis, 18.1.1951, fl.
- 50690** RGS, Gramado p. Canela, NEH, in dumosis, 28.12.1949, fl., fr., leg. A. Sehnem SJ 4155.
- 51003** RGS, Lagoa das Malvas p. Osório, NEC, in campestribus siccis subdumosis, 17.1.1951, fl., leg. A. Sehnem SJ 5598.
- 51381** RGS, Passo do Socorro p. Vacaria, NEH, in campestribus dumosis, 26.12.1951, fl.
- 51444** RGS, ibidem, 26.12.1951, fl.
- 53307** RGS, Caaró p. S. Luiz, NWH, in campestribus siccis subdumosis, 24.11.1952, fl.
- 54316** SC, Rio das Contas p. S. Joaquim, in campestribus dumosis, 29.1.1950, fl., leg. R. Reitz 4993, det. Moldenke.
- 57305** RGS, Canoas p. P. Alegre, NEL, in humidis alte dumosis, 11.11.1955, fl.
- 59120** RGS, Pestana p. Ijuí, NWH, in campestribus siccis dumosis, 26.1.1955, fl., leg. J. Pivetta 983.
- 59122** RGS, Sta Maria, CL, in dumosis, 28.11.1953, fl., leg. J. Pivetta 980.
- 60782** RGS, Pelotas, SEC, in campestribus, 18.3.1957, fl., leg. J. Sacco 630.
- 60929** RGS, Farroupilha, NEH, in secundariis, 18.6.1957, fl., leg. O. Camargo 1625.
- 61150** SC, Lages, in campestribus, 25.12.1956, fl., leg. Mattos.
- 61435** RGS, Pelotas, SEC, in campestribus, 26.9.1957, fl., leg. J. Sacco 666.
- 62709** RGS, P. Alegre, NEL, in dumosis, 2.11.1957, fl., leg. O. Camargo 2363.
- 63285** RGS, Pelotas, SEC, in incultis, 27.11.1957, fl., leg. J. Sacco 705.
- 63818** RGS, Passo Fundo, CH, in campestribus, 9.1949, fl., misit J. Sacco 39.
- 64044** RGS, Pelotas, SEC, in siccis dumosis, 14.11.1955, fl., leg. J. Sacco 410.

Note: *V. inamoena* Briq., Bull. Herb. Boss. sér. 2 4 (1904) 1056, is at best a variety of *V. bonariensis* L.

Habit: Herbaceous, stiff, coarse, sparingly branched, up to 1 m high.

Habitat: Dry to somewhat moist, bare or more or less vegetated Campos.

Distribution in RGS: Common over the whole of the Campos area.

General distribution: From southern USA through the whole of tropical and subtropical America, with several varieties.

Verbena campestris Mold.

Phytologia 3 (1949) 117.

48312 SC, ibidem, 18.12.1948, fl., leg. R. Reitz 3348, det. Moldenke.

48330 SC, Campo dos Padres p. Bom Retiro, in campestribus dumosis, 16.12.1948, fl., leg. R. Reitz 3486, det. Moldenke; cotypus.

Habit: Prostrate to ascending.

Habitat: Grassy Campo.

Distribution in RGS: To be expected on the nearby northeastern Highlands.

General distribution: So far, SC only.

Verbena carollata Briq.

Ann. Conserv. et Jard. Bot. Genève 10 (1907) 100; Moldenke, Kn. Geogr. Distr. Verb. (1949) 94.

4386 RGS, Taimbesinho p. S. Francisco de Paula, NEH, in campestribus humidis graminosis, 7.2.1941, fl.

34723 RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus humidis, 3.1.1947, fl., det. Moldenke.

Note: Probably nothing else but a poorly developed specimen of *V. bonariensis* L.

Habit: Erect, stiff, up to 50 cm high.

Habitat: More or less wet, grassy Campos.

Distribution in RGS: Northeastern Highlands.

General distribution: RGS, Uruguay, Argentine Mesopotamia.

Verbena corymbosa R. et P.

Fl. Peruv. 1 (1799) 22, tab. 33; Moldenke, Kn. Geogr. Distr. Verb. (1949) 101.

34724 RGS, Fazenda da Ronda p. Vacaria, in humidis dumosis, 3.1.1947, fl., det. Moldenke.

50793 SC, Campo dos Padres p. Bom Retiro, in humidis dumosis, 15.12.1948, fl., leg. R. Reitz 3770, det. Moldenke.

51505 RGS, Passo do Socorro p. Vacaria, NEH, in humidis dumosis, 26.12.1951, fl., fr.

54307 SC, Bom Jardim p. S. Joaquim, in campestribus, 29.1.1950, fl. leg. R. Reitz 4970, det. Moldenke.

Habit: Erect, vigorous, abundantly branched, leafy, up to 1 m high.

Habitat: Rather moist places, densely vegetated.

Distribution in RGS: Northeastern Highlands only.

General distribution: Peru, Chile, Uruguay, RGS, SC.

Verbena dissecta Willd.

ex Spreng. Syst. Veg. 2 (1825) 750; Schauer, FB 9 (1851) 194; Herter, Flor. Urug. (1930) 105; Moldenke, Kn. Geogr. Distr. Verb. (1949) 98.

449 RGS, Tramandaí, NEC, in arenosis graminosis, 12.3.1933, fl.

1837 RGS, S. Francisco de Paula, NEH, in graminosis, 14.1.1937, fl.

3034 RGS, Jaguarão, SEC, in campestribus siccis graminosis, 10.2.1938, fl.

3038 RGS, Caaró p. S. Luiz, NWH, in campestribus graminosis, 28.1.1938, fl.

- 3043** RGS, Pelotas, SEC, in aerodromo, 16.12.1937, fl.
- 3939** RGS, Morro Vigia p. Livramento, SW, in campestribus saxosis graminosis, 12.1.1941, fl., fr.
- 4242** RGS, Barra do Quaraí p. Uruguaiana, SW, in campestribus arenosis, 15.1.1941, fl., fr.
- 4317** RGS, Taimbesinho p. S. Francisco de Paula, NEH, in humidis graminosis, 7.2.1941, fl.
- 4362** RGS, Cambará p. S. Francisco de Paula, NEH, in rupestribus humidis parce humosis, 6.2.1941, fl.
- 4772** RGS, Rio Guira p. S. Francisco de Paula, NEH, in saxosis graminosis, 10.2.1941, fl.
- 6624** RGS, Nova Petrópolis, NES, in rupestribus parce humosis, 10.11.1940, fl.
- 8486** RGS, Rio dos Touros p. Bom Jesus, NEH, in campestribus saxosis, 13.1.1942, ster.
- 8587** RGS, ibidem, 13.1.1942, fl., fr.
- 8890** RGS, Bom Jesus, NEH, in campestribus saxosis, 15.1.1942, fl.
- 9165** RGS, Jarí p. Tupanciretan, NWH, in campestribus graminosis, 26.1.1942, fl.
- 27686** RGS, Pareci p. Montenegro, NEL, in rupestribus humidis parce humosis, 1944, ster., leg. E. Henz SJ.
- 28817** RGS, Tramandaí, NEC, in arenosis subnudis, 1.1945, fl., leg. P. Gonçalves.
- 29591** RGS, Pareci p. Montenegro, NEL, in campestribus arenosis, 19.9.1945, fl., leg. E. Henz SJ.
- 30935** RGS, Vila Oliva p. Caxias, NEH, in campestribus graminosis, 2.1.1946, fl., fr.
- 31922** SC, Sombrio p. Araranguá, in arenosis graminosis, 9.12.1945, fl., leg. R. Reitz 1279.
- 32179** RGS, Taimbesinho p. S. Francisco de Paula, NEH, in rupestribus parce humosis humidis, 14.2.1946, fr.
- 32828** RGS, Tainhas p. S. Francisco de Paula, NEH, in campestribus graminosis, 17.2.1946, fl.
- 32939** RGS, Kappesberg p. Montenegro, NES, in rupestribus parce humosis humidis, 24.10.1945, fl., fr., leg. E. Friderichs SJ.
- 34488** RGS, Sta Lucia p. S. Luiz, NWH, in rupestribus humidis, 6.12.1946, fl., leg. Irm. Augusto.
- 35629** RGS, Kappesberg p. Montenegro, NES, in rupestribus graminosis, 20.12.1946, fl., leg. E. Henz SJ.
- 35915** RGS, Caracol p. Canela, NEH, in rupestribus humidis, 21.2.1947, fl., leg. K. Emrich.
- 36414** RGS, Cambará p. S. Francisco de Paula, NEH, in rupestribus parce humosis, 2.1948, fl.
- 42959** RGS, Pareci p. Montenegro, NEL, in rupestribus humidis, 17.8.1949, fl. subaperta.
- 43778** RGS, ibidem, in rupestribus humidis, 7.10.1949, fl.
- 44104** RGS, Barreto Vianna p. S. Leopoldo, NEL, in arenosis graminosis, 24.10.1949, fl.
- 48074** RGS, Kappesberg p. Montenegro, NES, in rupestribus parce humosis, 10.11.1948, fl., leg. A. Sehnem SJ 3466.
- 48478** RGS, ibidem, 18.9.1946, fl., leg. A. Sehnem SJ 2128.
- 51378** RGS, Passo do Socorro p. Vacaria, NEH, in rupestribus subhumidis, 26.12.1951, fl.
- 51652** RGS, ibidem, in graminosis subhumidis, 27.12.1951, fl.
- 56208** RGS, Torres, NEC, in arenosis graminosis, 12.11.1954, fl.

56225 RGS, ibidem, 12.11.1954, fl.

61723 RGS, Farroupilha, NEH, in campestribus, 18.11.1957, fl., leg. O. Camargo 2567.

62124 RGS, Garibaldi, NEH, in rupestribus, 13.10.1957, fl., leg. O. Camargo 2022.

62518 RGS, Farroupilha, NEH, in rupestribus humidis, 15.10.1957, fl., leg. O. Camargo 2126.

62995 RGS, Pelotas, SEC, in campestribus, 11.3.1956, fl., leg. Schlichting.

Habit: Prostrate to ascending, branches abundant, densely matted, rooting at the lower joints, up to 40 cm long.

Habitat: More or less wet places, preferably sandy meadows and rocky outcrops.

Distribution in RGS: Over the whole of the Campos area, especially on the north-eastern Highlands.

General distribution: From S. Paulo to Uruguay and central Argentina to Patagonia.

Verbena ephedroides Cham.

Linnaea 7 (1832) 261; Schauer, FB 9 (1851) 191; Moldenke, Kn. Geogr. Distr. Verb. (1949) 94.

30934 RGS, Vila Oliva p. Caxias, NEH, in paludosis alte dumosis, 2.1.1946, fl., fr., det. Moldenke.

Habit: Exactly the same as *V. alata* Cham; I cannot see any reasonable difference between the two species.

Habitat: Densely vegetated swamps.

Distribution in RGS: Northeastern Highlands (in company of *V. alata* (!)).

General distribution: From Minas Gerais to Uruguay and Misiones.

Verbena filicaulis Schauer

DC. Prodr. 11 (1847) 549; idem, FB 9 (1951) 192; Herter, Flor. Urug. (1930) 105; Moldenke, Kn. Geogr. Distr. Verb. (1949) 94.

2526 RGS, S. Francisco de Paula, NEH, in graminosis humidis, 14.1.1937, fl., fr.

4825 RGS, Passo do Inferno p. Canela, NEH, in campestribus humidis, 10.2.1941, fl.

8955 RGS, Bom Jesus, in campestribus subhumidis graminosis, 15.1.1942, fl.

11550 RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in rupestribus humidis parce humosis, 1.1944, fl., fr., leg. P. Buck SJ.

11579 RGS, ibidem, 1.1944, fl., leg. P. Buck SJ.

30974 RGS, Vila Oliva p. Caxias, NEH, in campestribus saxosis graminosis, 3.1.1946, fl.

36413 RGS, Cambará p. S. Francisco de Paula, NEH, in rupestribus parce humosis, 2.1948, fl., fr.

51000 RGS, Taimbesinho p. S. Francisco de Paula, NEH, in campestribus humidis graminosis, 19.12.1950, fl., leg. A. Sehnem SJ 5131.

54571 RGS, ibidem, in graminosis humidis gregatim, 13.11.1953, fl.

54642 RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in humidis, 1.1.1954, fl., fr.

56373 RGS, ibidem, 2.1.1955, fl.

59237 RGS, Taimbesinho p. S. Francisco de Paula, NEH, in humidis, 12.2.1956, fl.

62898 RGS, Lageadinho p. Bom Jesus, NEH, in humidis graminosis, 20.1.1958, fl., leg. O. Camargo 3118.

Habit: Weak erect, herbaceous, up to 20 cm high.

Habitat: Moist places in grassy Campos.

Distribution in RGS: All collections from the northeastern Highlands.

General distribution: From Minas Gerais to RGS and Misiones.

Verbena gracilescens (Cham.) Hert.

Rev. Sud. Bot. 4 (1937) 186; Moldenke, Kn. Geogr. Distr. Verb. (1949) 94. — *V. officinalis* L., var. *gracilescens* Cham., Linnaea 7 (1832) 254; Schauer, FB 9 (1851) 191.

4152 RGS, Garopá p. Quaray, SW, in campestribus graminosis, 14.1.1941, fl., det. Moldenke.

9176 RGS, ibidem, 14.1.1941, fl.

30975 RGS, Vila Oliva p. Caxias, NEH, in campestribus graminosis, 3.1.1946, fl.

32310 RGS, Tainhas p. S. Francisco de Paula, NEH, in campestribus graminosis, 17.2.1946, fl.

54326 SC, Brusque, in incultis, 14.2.1950, fl., fr., leg. R. Reitz 5006, det. Moldenke.

59154 RGS, Pestana p. Ijuf, NWH, in campestribus graminosis, 25.8.1953, fl., leg. J. Pivetta 966.

Habit: Slender, herbaceous up to 50 cm high.

Habitat: Dry Campos.

Distribution in RGS: Widely scattered: SW and NEH.

General distribution: From S. Paulo to Uruguay; Paraguay to Patagonia.

Verbena herteri Mold.

Rev. Sud. Bot. 5 (1937) 42; Moldenke, Kn. Geogr. Distr. Verb. (1949) 100.

26125 RGS, Fazenda do Jarau, SW, in campestribus siccis graminosis, 3.1.1945, fl., det. Moldenke.

Habit: Prostrate, rooting at the lower joints.

Habitat: Dry, grassy Campos.

Distribution in RGS: Southwestern plains only.

General distribution: RGS and Uruguay.

Verbena hirta Spreng.

Syst. Veg. 2 (1825) 749; Schauer, FB 9 (1951) 186; Mold., Kn. Geogr. Distr. Verb. (1949) 94.

- 6614** RGS, Serra da Rocinha p. Bom Jesus, NEH, in campestribus dumosis, fl.
- 30456** RGS, Serra da Pedra p. Araranguá, in campestribus graminosis, 28.12.1943, fl., leg. R. Reitz 1043.
- 32227** RGS, Azulega p. S. Francisco de Paula, NEH, in campestribus subhumidis graminosis, 15.2.1946, fl.
- 36421** RGS, Cambará, p. S. Francisco de Paula, NEH, in campestribus graminosis, 2.1948, fl., det. Moldenke (var. gracilis Dusén).
- 36896** Paraná, Castro, in campestribus dumosis, 9.11.1947, fl., leg. G. Hatschbach 599.
- 45518** RGS, Taimbesinho p. S. Francisco de Paula, NEH, in campestribus saxisis graminosis, 30.1.1950, fl.
- 54061** RGS, ibidem, 20.2.1953, fl.
- 54594** RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in campestribus graminosis, 1.1.1954, fl., fr.
- 56783** RGS, Vila Oliva p. Caxias, NEH, in campestribus subdumosis, 8.2.1955, fl.

Habit: Small shrub, up to 30 cm high, more or less hairy.

Habitat: In more or less moist, grassy Campos.

Distribution in RGS: Northeastern Highlands only.

General distribution: From Bahia to RGS and Misiones.

Verbena humifusa Cham.

Linnaea 7 (1832) 271; Schauer, FB 9 (1851) 185; Herter, Flor. Urug. (1930) 105; Moldenke, Kn. Geogr. Distr. Verb. (1949) 94.

- 30633** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 27.11.1945, fl.
- 32545** RGS, Pareci p. Montenegro, NEL, in siccis graminosis, 10.10.1945, fl., leg. E. Henz SJ, det. Moldenke.
- 43261** RGS, Estação Azevedo p. Montenegro, NEL, in campestribus siccis graminosis, 3.9.1949, fl., det. Moldenke.
- 43845** RGS, ad. fl. Caf inferior, NEL, in arenosis dumosis, 12.10.1949, fl., det. Moldenke.
- 48804** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 20.9.1950, fl.
- 48911** RGS, Osório, NEC, in arenosis dumosis, 2.10.1950, fl.
- 48914** RGS, ibidem, 2.10.1950, fl.
- 49013** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus graminosis, 18.10.1950, fl.
- 51272** RGS, P. Alegre, NEL, in campestribus siccis graminosis, 1950, fl., leg. K. Emrich.
- 51273** RGS, Viamão p. P. Alegre, NEL, in arenosis graminosis, 3.9.1950, fl.
- 57297** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 24.9.1955, fl.

Habit: Vigorous, prostrate, branches from a rootstock, up to 40 cm long.

Habitat: Dry, grassy Campos.

Distribution in RGS: All collections from the northeastern Lowlands and sea coast.

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

Verbena isabellei Briq.

Ann. Conserv. et. Jard. Bot. Genève 4 (1900) 234; idem, Ark. f. Bot. 2, n. 10 (1904) 12; Moldenke, Kn. Geogr. Distr. Verb. (1949) 94.

- 446** RGS, Esteio p. S. Leopoldo, NEL, in paludosis alte dumosis, 16.11.1932, fl., det. Moldenke.
1129 RGS, ibidem, 5.11.1931, fl.
8574 RGS, Rio dos Touros p. Bom Jesus, NEL, in paludosis, 13.1.1942, fl.
8788 RGS, Bom Jesus, NEH, in subhumidis dumosis, 15.1.1942, fl.
9374 RGS, Jarí p. Tupanciretan, NWH, in humidis dumosis, 26.1.1942, fl., det. Moldenke.
10204 RGS, S. Leopoldo, NEL, in paludosis dumosis, 29.9.1941, fl., leg. E. Friderichs SJ.
11258 RGS, Lagoa Vermelha, NEH, in paludosis alte dumosis, 1.1945, fl., leg. E. Friderichs SJ.
11260 RGS, Marcelino Ramos, NWU, in humidis dumosis, 1.1943, fl., leg. E. Friderichs SJ.
30979 RGS, Vila Oliva p. Caxias, NEH, in paludosis dumosis, 3.1.1946, fl.
32261 RGS, Tainhas p. S. Francisco de Paula, NEH, in paludosis alte dumosis, 16.2.1946, fl.
34721 RGS, Fazenda da Ronda p. Vacaria, NEH, in paludosis alte dumosis, 3.1.1947, fl., fr., det. Moldenke.
36411 RGS, Cambará p. S. Francisco de Paula, NEH, in paludosis dense herbosis, 2.1948, fl., det. Moldenke.
44689 RGS, Vila Oliva p. Caxias, NEH, in paludosis alte dumosis, 3.12.1949, fl.
45545 RGS, Taimbésinho p. S. Francisco de Paula, NEH, in paludosis, 30.1.1950, fl.
49374 RGS, ibidem, 18.12.1950, fl.
50026 RGS, Soledade, CH, ad rivum in alte dumosis, 13.2.1951, fl.
51616 RGS, Passo do Socorro p. Vacaria, NEH, in paludosis alte dumosis, 27.12.1951, fl.
52083 RGS, Jaquirana p. S. Francisco de Paula, NEH, in paludosis alte dumosis, 20.2.1952, fl.
54308 SC, Bom Jardim p. S. Joaquim, in paludosis alte graminosis, 21.1.1950, fl., leg. R. Reitz 4971, det. Moldenke.
54372 SC, ibidem, 29.1.1950, fl., leg. R. Reitz 5092, det. Moldenke.
54985 RGS, Vila Oliva p. Caxias, NEH, in paludosis alte dumosis, 24.2.1954, fl., fr.
56559 RGS, Passo do Inferno p. Canela, NEH, in paludosis alte dumosis, 9.1.1955, fl.
56655 RGS, Vila Oliva p. Caxias, NEH, in paludosis alte dumosis, 8.2.1955, fl.
58407 SC, Ibirama, in dumosis humidis, 2.11.1953, fl., leg. R. Reitz 8374, det. Moldenke.
59873 RGS, Farroupilha, NEH, in paludosis dumosis, 25.3.1957, fl., leg. O. Camargo 1192.
60193 SC, Campo dos Padres p. Bom Retiro, in paludosis dumosis, 23.1.1957, fl.
61104 SC, Lages, in paludosis dumosis, 25.12.1956, fl., leg. J. Mattos.
62791 RGS, Farroupilha, NEH, in paludosis dumosis, 10.11.1957, fl., leg. O. Camargo 2480.
62960 RGS, Bom Jesus, NEH, in paludosis dumosis, 6.1.1958, fl., leg. O. Camargo 3125.

- 63416** RGS, Pelotas, SEC, in ripariis, 24.3.1958, fl., leg. J. Sacco 1086.
64261 SC, S. Joaquim, in paludosis, 1.2.1958, fl., leg. J. Mattos.
64283 SC, ibidem, 10.1.1958, fl., leg. J. Mattos.

Habit: Erect, lignified at the base, besom-like ramified in the upper third, up to 2 m high.

Habitat: Densely vegetated swamps.

Distribution in RGS: Northern Highlands especially in the Northeast, sea coast.

General distribution: From Minas Gerais to RGS and northeastern Argentina.

Verbena lindmanii Briq.

Ark. f. Bot. 2, n. 10 (1904) 12, tab. 3A; Moldenke, Kn. Geogr. Distr. Verb. (1949) 94.

- 437** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 13.3.1933, fl., det. Moldenke.
4852 RGS, Passo do Inferno p. Canela, in campestribus siccis graminosis, 10.2.1941, fl.
6739 RGS, ibidem, 10.2.1941, fl.
8360 RGS, Montserrat p. P. Alegre, in campestribus graminosis, 1.12.1941, fl., leg. K. Emrich.
10034 RGS, Ijuisinho p. Tupanciretan, NWH, in campestribus siccis graminosis, 30.1.1942, fl.
11638 RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in campestribus dumosus, 1.1943, fl., leg. P. Buck SJ.
27121 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus saxosis, 10.1944, fl., det. Moldenke.
27291 RGS, Morro da Policia p. P. Alegre, NEL, in campestribus siccis graminosis, 10.1944, fl.
29211 RGS, Vila Manresa p. P. Alegre, NEL, 3.10.1945, fl.
30978 RGS, Vila Oliva p. Caxias, NEH, in campestribus graminosis, 3.1.1946, fl.
32011 RGS, Curralinhos p. Torres, NEC, in arenosis graminosis, 7.12.1944, fl., leg. R. Reitz 874.
33140 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus subdumosis, 12.12.1945, fl.
33809 RGS, Montserrat p. P. Alegre, NEL, in campestribus subdumosis, 24.4.1946, fl., fr., leg. K. Emrich.
34722 RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus siccis saxosis, 3.1.1947, fl., det. Moldenke.
37731 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 22.9.1948, fl.
37777 RGS, ibidem, 1.10.1948, fl.
39352 RGS, Belém Novo p. P. Alegre, NEL, in campestribus siccis graminosis, 31.12.1948, fl.
39444 RGS, Teresópolis p. P. Alegre, NEL, in campestribus siccis graminosis, 4.1.1949, fl.
39621 RGS, Cachoeirinha p. Gravataí, NEL, in campestribus graminosis, 7.1.1949, fl.
39697 RGS, Morro das Abertas p. P. Alegre, NEL, in campestribus siccis subdumosis, 9.1.1949, fl.
40398 RGS, Morro da Policia p. P. Alegre, NEL, in campestribus subdumosis, 5.3.1949, fl., fr.
41059 RGS, Morro Agudo p. P. Alegre, NEL, in campestribus saxosis, 13.4.1949, fl.

- 49646** SC, Lages, in campestribus graminosis, 10.1.1951, fl., fr.
50832 Paraná, Eng. Bley p. Lapa, in campestribus dumosis, 30.1.1949, fl., leg. G. Hatschbach 1181, det. Moldenke.
51413 RGS, Passo do Socorro p. Vacaria, NEH, in campestribus dumosis, 26.12.1951, fl.
51557 RGS, ibidem, in campestribus dumosis, 26.12.1951, fl.
53037 RGS, Sto Angelo, NWH, in campestribus graminosis, 17.11.1952, fl.
57071 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 15.10.1955, fl.
59160 RGS, Pestana p. Ijuí, NWH, in campestribus, 19.7.1954, fl., leg. J. Pivetta 972.
61584 RGS, Taquari, CL, in campestribus siccis graminosis, 8.12.1957, fl., leg. O. Camargo 2683.

Habit: Erect, wiry, more or less leafless, a few branches from a woody rootstock, up to 75 cm high.

Habitat: Very dry, open Campos.

Distribution in RGS: Apparently over the whole of the Campos area.

General distribution: From Paraná to RGS and Misiones.

Verbena litoralis H.B.K.

Nov. Gen. et Spec. 2 (1818) 223, tab. 137; Schauer, FB 9 (1851) 189, var. leptostachya Schauer; Briquet, Ark. f. Bot. 2, n. 10 (1904) 11; Herter, Flor. Urug. (1930) 105; Bornmüller, Rev. Sud. Bot. 2 (1935) 6; Moldenke, Kn. Geogr. Distr. Verb. (1949) 94.

- 436** RGS, Vila Manresa p. P. Alegre, in incultis, 16.11.1932, fl.
2988 Uruguay, Cuñapirú p. Rivera, in campestribus graminosis, 12.1.1941, fl.
3795 RGS, Bohnental p. Cai, NES, in incultis, 4.1.1941, fl.
4171 RGS, Garopá p. Quarai, SW, in campestribus subdumosis, 14.1.1941, fl.
6548 RGS, Teutonia p. Estrela, ad viam in dumosis, 16.11.1950, fl.
6556 RGS, ibidem, ad viam in tritis, 16.11.1940, fl.
6570 RGS, Nova Petrópolis, NES, ad viam, 10.11.1940, fl.
6812 SC, Lages, ad viam, 1935, fl., leg. A. Bruxel SJ.
8461 RGS, Xarqueadas p. S. Jerônimo, NEL, in campestribus graminosis, 8.1.1942, fl.
8867 RGS, Bom Jesus, NEH, in campestribus graminosis, 15.1.1942, fl.
9086 RGS, Jarí p. Tupanciretan, NWH, in campestribus graminosis, 25.1.1942, fl.
9752 RGS, Tupanciretan, NWH, ad viam in tritis, 29.1.1942, fl.
11254 RGS, Cérro Largo p. S. Luiz, NWH, in incultis, 1.1943, fl., leg. P. Buck SJ.
25164 RGS, S. Leopoldo, NEL, in incultis, 1907, fl., leg. F. Theissen SJ.
25791 RGS, Fazenda Sta Cecilia p. S. Gabriel, SW, in campestribus graminosis, 1.1944, fl.
26005 RGS, Fazenda do Jarau p. Quarai, SW, in campestribus dumosis, 1.1945, fl.
26691 RGS, Cérro Largo p. S. Luiz, NWH, in incultis, 8.1944, fl., leg. E. Friderichs SJ.
28228 RGS, Nonoai, NWU, in incultis, 3.1945, fl.
29245 RGS, Vila Manresa, NEL, in incultis, 10.10.1945, fl.

- 29752 RGS, Kappesberg p. Montenegro, NES, ad viam in incultis, 23.5. 1945, fl., fr., leg. A. Bruxel SJ.
- 31416 SC, Sombrio p. Araranguá, in arenosis, 31.1.1946, fl., fr.
- 32190 RGS, Taimbesinho p. S. Francisco de Paula, NEH, in campestribus graminosis, 14.2.1946, fl.
- 32646 RGS, Pareci p. Montenegro, NEL, ad viam in tritis, 5.11.1945, fl., leg. E. Henz SJ.
- 35346 RGS, S. Leopoldo, NEL, in dumosis, 2.10.1946, fl., fr., leg. E. Henz SJ.
- 38055 RGS, Vila Manresa p. P. Alegre, NEL, ad viam, 17.11.1948, fl.
- 38193 RGS, Sapucaia p. S. Leopoldo, NEL, in incultis, 22.11.1948, fl.
- 38254 RGS, Esteio p. S. Leopoldo, NEL, ad viam ferream, 24.11.1948, fl., fr.
- 38581 RGS, ad montem das Cabras p. S. Leopoldo, NEL, in incultis sub-dumosis, 7.12.1948, fl., fr.
- 38723 RGS, Rio dos Sinos p. S. Leopoldo, NEL, in incultis, 10.12.1948, fl.
- 39911 RGS, ad montem Ferrabraz p. S. Leopoldo, NEL, in secundariis, 12.1.1941, fl.
- 39997 RGS, Linha Bonita p. Montenegro, NEL, in incultis, 19.1.1949, fl.
- 40188 RGS, Sta Rita P. Farroupilha, NEH, ad viam, 27.1.1949, fl., fr.
- 44762 RGS, Lagoa dos Barros p. Osório, NEC, ad viam, 14.12.1949, fr.
- 44813 RGS, S. Francisco de Paula, NEH, ad viam, 18.12.1949, fl., fr.
- 45117 RGS, Fazenda do Arroio p. Osório, NEC, ad viam, 4.1.1950, fl.
- 45339 RGS, Serra da Rocinha p. Bom Jesus, NEH, ad viam, 18.1.1950, fl.
- 46069 RGS, Vila Manresa p. P. Alegre, NEL, in incultis, 3.3.1950, fl., fr.
- 46416 RGS, Gramado p. Canela, NEH, in incultis, 23.3.1950, fl., fr.
- 48067 RGS, Kappesberg p. Montenegro, NES, in incultis, 15.11.1948, fl., fr., leg. A. Sehnem SJ 3519.
- 48657 RGS, Pareci p. Montenegro, NEL, in incultis, 28.11.1945, fl., fr., leg. A. Sehnem SJ 1436.
- 49506 RGS, Mato Leitão p. Venâncio Aires, ad viam, 1.1.1951, fl., fr.
- 49723 RGS, Lagoa dos Quadros p. Torres, NEC, ad lacum, 18.1.1951, fl., fr.
- 50174 RGS, Caracol p. Canela, NEH, ad viam, 26.2.1951, fl., leg. K. Emrich.
- 50554 RGS, Montenegro, NEL, ad viam, 28.12.1949, fl., leg. A. Sehnem SJ 4470.
- 51449 RGS, Passo do Socorro p. Vacaria, NEH, in campestribus dumosis, 26.12.1951, fl.
- 53120 RGS, Cérro Largo p. S. Luiz, NWH, in incultis, 20.11.1952, fl.
- 53631 Paraná, Salto Iguassú, ad viam, 11.1.1953, fl.
- 55075 RGS, Vila Oliva p. Caxias, NEH, in incultis, 24.2.1954, fl., fr.
- 58975 RGS, Estação de Silvicultura p. Sta Maria, CL, in incultis, 25.1. 1956, fl., leg. O. Camargo 90.
- 59429 RGS, Farroupilha, NEH, ad viam, 15.11.1956, fl., leg. O. Camargo 959.
- 60152 SC, Campo dos Padres p. Bom Retiro, ad viam, 23.1.1957, fl.
- 60406 RGS, Farroupilha, NEH, in incultis, 26.4.1956, fl., leg. O. Camargo 621.
- 60703 RGS, Taquarí, CL, in incultis, 1.1957, fl., leg. Machado.
- 61117 SC, Lages, ad viam, 25.12.1956, fl., leg. J. Mattos.
- 61142 SC, Lages, ad viam, 25.12.1956, fl., leg. J. Mattos.
- 61623 RGS, Taquarí, CL, ad viam, 8.12.1957, fl., leg. O. Camargo 2727.
- 62112 RGS, Garibaldi, NEH, in secundariis, 13.10.1957, fl., leg. O. Camargo 2014.
- 62500 RGS, Passo Fundo, CH, in incultis, 20.10.1957, fl., leg. O. Camargo 2145.

- 63255** RGS, Uruguaiana, SW, in incultis, 1957, fl., leg. A. Spies.
63272 RGS, Pelotas, SEC, in incultis, 12.12.1957, fl., leg. J. Sacco 827.
63275 RGS, ibidem, 12.12.1957, fl., leg. J. Sacco 855.
64057 RGS, ibidem, 20.12.1954, fl., leg. J. Sacco 259.

Habit: Herbaceous, more or less lignified at the base, moderately branched, up to 1 m high.

Habitat: Apparently not native, always on altered soil.

Distribution in RGS: Very common over the whole of the cultivated area.

General distribution: From southern USA to Uruguay, central Argentina, Chile and Juan Fernandes.

Verbena lobata Vell.

Fl. Flum. Ic. 1 (1827) tab. 43; Schauer, FB 9 (1951) 185; Moldenke, Kn. Geogr. Distr. Verb. (1949) 94.

- 2293** RGS, Kappesberg p. Montenegro, NES, in dumosis, 21.12.1934, fl.
2782 RGS, ad montem Ferrabraz p. Novo Hamburgo, NEL, in dumosis, 14.10.1936, fl.
2816 RGS, S. Francisco de Paula, NEH, in dumosis humidis, 14.1.1937, fl., det. Moldenke (var. *glabrata* Mold.).
4295 RGS, sine loco, sine die, fl., fr.
4479 RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in humidis dumosis, 8.2.1941, fl.
4482 RGS, ibidem, 8.2.1941, fl.
4505 RGS, ibidem, 8.2.1941, fl.
8663 RGS, Serra da Rocinha p. Bom Jesus, NEH, in humidis dumosis, 14.1.1942, fl.
8881 RGS, Bom Jesus, NEH, in humidis dumosis, 15.1.1942, fl.
8984 RGS, ibidem, 16.1.1942, fl.
29983 RGS, Caracol p. Canela, NEH, in dumosis humidis, 10.1.1941, fl.
30977 RGS, Vila Oliva p. Caxias, NEH, in humidis dumosis, 3.1.1946, fl.
31861 SC, Sombrio p. Araranguá, in dumosis subpaludosis, 15.9.1945, fl., leg. R. Reitz 1215.
32116 RGS, Serra do Fachinal p. S. Francisco de Paula, NEH, in dumosis humidis, 14.2.1946, fl.
32118 RGS, Taimbesinho p. S. Francisco de Paula, NEH, in humidis dumosis, 14.2.1946, fl.
32302 RGS, Tainhas p. S. Francisco de Paula, NEH, in humidis dumosis, 17.2.1946, fl., fr.
32303 RGS, Tainhas p. S. Francisco de Paula, NEH, in subpaludosis, 17.2.1946, fl., fr.
32424 RGS, Serra da Rocinha p. Bom Jesus, NEH, in humidis dumosis 28.2.1946, fl.
32939 RGS, Kappesberg p. Montenegro, NES, in dumosis, 24.10.1946, fl., leg. E. Friderichs SJ.
33630 Paraná, in campestribus dumosis, 30.7.1944, fl., leg. G. Hatschbach.
34726 RGS, Fazenda da Ronda p. Vacaria, NEH, in paludosis alte dumosis, 3.1.1947, fl.
35198 RGS, Serra da Rocinha p. Bom Jesus, NEH, in humidis, 14.2.1947, fl., det. Moldenke.

- 35725** RGS, S. Leopoldo, NEL, in humidis dumosis, 20.11.1946, fl., fr., leg. E. Henz SJ.
- 35960** Paraná, Roça Nova p. Piraquara, in dumosis humidis, 22.9.1946, fl., leg. G. Hatschbach 403.
- 36418** RGS, Cambará p. S. Francisco de Paula, NEH, in silvula subpaludosa, 2.1948, fl.
- 38742** RGS, Rio dos Sinos p. S. Leopoldo, NEL, in paludosis dumosis, 10.12.1948, fl.
- 40268** RGS, Sta Rita p. Farroupilha, NEH, in secundariis, 28.1.1949, fl.
- 44832** RGS, S. Francisco de Paula, NEH, ad araucarietum, 18.12.1949, fl.
- 44988** RGS, Gramado p. Canela, NEH, in paludosis dumosis, 26.12.1949, fl.
- 45318** RGS, Serra da Rocinha p. Bom Jesus, NEH, in subhumidis, 18.1.1950, fl.
- 45640** RGS, S. Francisco de Paula, NEH, in humidis dumosis, 31.1.1950, fl.
- 45682** RGS, Sta Rita p. Farroupilha, NEL, in humidis, 7.2.1950, fl.
- 47724** RGS, Pinhal p. Campestre, NES, in humidis dumosis, 26.10.1949, fl., leg. A. Sehnem SJ 3958.
- 48084** RGS, Pinhal p. Montenegro, NES, in humidis dumosis, 15.11.1948, fl.
- 48588** RGS, Kappesberg p. Montenegro, NES, in dumosis humidis, 1.9.1949, fl., leg. A. Sehnem SJ.
- 49570** SC, Lages, in humidis dumosis, 10.1.1951, fl.
- 49605** SC, ibidem, 10.1.1951, fl., fr.
- 50185** RGS, Caracol p. Canela, NEH, in humidis dumosis, 2.1.1951, fl., leg. K. Emrich.
- 50968** SC, Lages, in campestribus humidis dumosis, 10.1.1951, fl., leg. A. Sehnem SJ 5449.
- 51130** RGS, Campestre p. Montenegro, NES, in humidis dumosis, 25.10.1950, fl.
- 51405** RGS, Passo do Socorro p. Vacaria, NEH, in humidis dumosis, 26.12.1951, fl.
- 51462** RGS, ibidem, 26.12.1951, fl.
- 51912** RGS, Passo da Guarda p. Bom Jesus, NEH, in humidis dumosis, 15.1.1952, fl.
- 51949** RGS, Palmeira, NWH, in dumosis humidis, 30.1.1952, fl.
- 52084** RGS, Jaquirana p. S. Francisco de Paula, NEH, in humidis dumosis, 20.2.1952, fl.
- 52817** RGS, Caracol p. Canela, NEH, in dumosis humidis, 27.2.1953, fl., leg. K. Emrich.
- 53791** RGS, Serra da Rocinha p. Bom Jesus, NEH, in humidis dumosis, 3.2.1953, fl.
- 55076** RGS, Vila Oliva p. Caxias, NEH, in dumosis, 24.2.1954, fl., fr.
- 55965** RGS, Taimbesinho p. S. Francisco de Paula, NEH, in dumosis humidis, 3.11.1954, fl.
- 56762** RGS, Vila Oliva p. Caxias, NEH, in dumosis, 8.2.1955, fl.
- 56821** RGS, Taimbesinho p. S. Francisco de Paula, NEH, in dumosis humidis in ipso barathro, 16.2.1955, fl.
- 56927** RGS, Caracol p. Canela, NEH, in humidis herbosis, 16.1.1955, fl., leg. K. Emrich.
- 60070** SC, Campo dos Padres p. Bom Retiro, in humidis dumosis, 22.1.1957, fl.
- 61817** RGS, Farroupilha, NEH, in dumosis humidis, 1.11.1957, fl., leg. O. Mattos.
- 61145** SC, Lages, in campestribus dumosis, 25.12.1956, fl., leg. J. Mattos, Camargo 2297.
- 62729** RGS, ibidem, 31.10.1957, fl., leg. O. Camargo 2332.
- 64104** Paraná, Várzea p. Tijucas do Sul, in campestribus humidis dumosis, 28.11.1957, fl., leg. et det. G. Hatschbach 4306.

Habit: Ascending to erect and leaning to the neighbors, up to 1 m high.

Habitat: Wet to swampy Campos thickets.

Distribution in RGS: Northeastern quadrant only, very common on the Highlands.

General distribution: From Minas Gerais to RGS and Misiones.

Verbena marrubioïdes Cham.

Linnaea 7 (1832) 269; Schauer, FB 9 (1851) 184; Herter, Flor. Urug. (1930) 105; Moldenke, Kn. Geogr. Distr. Verb. (1949) 94.

451 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 11.10.1932, fl.

27065 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus graminosis, 10.1944, fl.

27298 RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis graminosis, 10.1944, fl., det. Moldenke.

29028 RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis graminosis, 24.8.1945, fl.

29105 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis subdumosus, 12.9.1945, fl.

30629 RGS, ibidem, 27.11.1945, fl.

31723 SC, Sombrio p. Araranguá, in campestribus arenosis graminosis, 7.2.1946, fl.

31902 SC, ibidem, 9.10.1945, fl., leg. R. Reitz 1281, fl.

31906 SC, ibidem, 9.10.1945, fl., leg. R. Reitz 1297, fl.

37698 RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis graminosis, 20.9.1948, fl., det. Moldenke.

43689 RGS, Morro das Abertas p. P. Alegre, in campestribus siccis graminosis, 30.9.1949, fl.

43843 RGS, ad fl. Cai inferius p. P. Alegre, NEL, in arenosis siccis graminosis, 12.10.1949, fl.

44156 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 31.10.1949, fl.

48879 RGS, Granja Neugebauer p. Itapoan, NEL, in campestribus siccis subdumosus, 27.9.1950, fl.

57298 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 24.11.1955, fl.

62095 RGS, Pôrto Alegre, NEL, in campestribus siccis graminosis, 1.10.1957, fl., leg. O. Camargo 1836.

Habit: Prostrate, branches radiating from a woody rootstock, up to 40 cm long.

Habitat: Very dry, grassy Campos.

Distribution in RGS: All collections from the northeastern Lowlands and sea coast.

General distribution: From Paraná to Uruguay; Peru to northern Argentina.

Verbena megapotamica Spreng.

Syst. Veg. Cur. Post. (1827) 230; Moldenke, Kn. Geogr. Distrib. Verb. (1949) 94. — V. phlogiflora Cham., Linnaea 7 (1832) 266; Schauer, FB 9 (1851) 182; Herter, Flor. Urug. (1930) 105.

4336 RGS, Taimbesinho p. S. Francisco de Paula, NEH, in humidis dumosus, 7.2.1942, fl.

- 4561 RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in humidis dumosis, 8.2.1951, fl.
- 8513 RGS, Rio dos Touros p. Bom Jesus, NEH, in humidis dumosis, 13.1.1942, fl.
- 8781 RGS, ibidem, 15.1.1942, fl.
- 8999 RGS, ibidem, 16.1.1942, fl.
- 9388 RGS, Jarí p. Tupanciretan, NWH, in humidis dumosis, 26.1.1942, fl.
- 9767 RGS, Tupanciretan, NWH, in humidis dumosis, 28.1.1942, fl.
- 11535 RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in humidis dumosis, 1.1944, fl., leg. P. Buck SJ.
- 30980 RGS, Vila Oliva p. Caxias, NEH, in paludosis dumosis, 3.1.1946, fl.
- 34729 RGS, Fazenda da Ronda p. Vacaria, NEH, in paludosis alte dumosis, 3.1.1947, fl., det. Moldenke.
- 52102 RGS, Jaquirana p. S. Francisco de Paula, NEH, in paludosis alte dumosis, 20.2.1952, fl.
- 63458 RGS, Caaró p. S. Luiz, NWH, in humidis alte dumosis, 24.11.1952, fl.
- 54947 RGS, Vila Oliva p. Caxias, NEH, in paludosis dumosis, 24.2.1954, fl.
- 56659 RGS, ibidem, 8.2.1955, fl.
- 59127 RGS, Pestana p. Ijuí, NWH, in dumosis, 5.11.1953, fl., leg. J. Pivetta 977.
- 59244 RGS, Taimbesinho p. S. Francisco de Paula, NEH, in dumosis, 12.2.1956, fl.
- 60153 SC, Campo dos Padres p. Bom Retiro, in dumosis humidis, 24.1.1957, fl.

Habit: Herbaceous, vigorous, erect or recumbent, with large, and showy flowers in dense inflorescences.

Habitat: Wet to swampy thickets in the Campos area.

Distribution in RGS: Northern Campos, especially in the Northeast.

General distribution: From Minas Gerais to Uruguay and Buenos Aires.

Verbena ovata Cham.

Linnaea 7 (1832) 263; Schauer, FB 9 (1851) 187; Herter, Flor. Urug. (1930) 105; Moldenke, Kn. Geogr. Distr. Verb. (1949) 94.

9674 RGS, Ijuisinho p. Tupanciretan, NWH, in paludosis dumosis, 30.1.1942, fl., nondum aperto, det. Moldenke.

61356 RGS, Pestana p. Ijuí, NWH, in campestribus, 7.2.1956, fl., leg. J. Pivetta 1125.

Habit: Erect, very coarse, leaves very large and broad.

Habitat: Swampy thickets.

Distribution in RGS: Northwestern Highlands only.

General distribution: Misiones, western RGS, Uruguay.

Verbena peruviana (L.) Britt.

Mor. et Britton, Ann. N. Y. Ac. Sci. 7 (1892) 197; Moldenke, Kn. Geogr. Distr. Verb. (1949) 94. — *V. chamaedryfolia* Juss., Ann. Mus. Hist. Nat. Par. 7 (1806) 73; Schauer, FB 9 (1851) 182; Herter, Flor. Urug. (1930) 105. — *Erinus peruvianus* L., Spec. Plant. (1753) 630.

- 450 RGS, Tramandaí, NEC, in arenosis graminosis, 12.3.1933, fl.
1137 RGS, Esteio p. S. Leopoldo, NEL, in arenosis subnudis, 30.10.1934, fl.
3042 RGS, Caaró p. S. Luiz, NWH, in campestribus siccis graminosis, 28.1.1938, fl.
7850 RGS, S. Leopoldo, NEL, in campestribus dumosis, 1907, fl., leg. F. Theissen SJ, 1907, fl.
8990 RGS, Bom Jesus, NEH, in campestribus graminosis, 16.1.1942, fl.
9118 RGS, Jari p. Tupanciretan, NWH, in graminosis, 25.1.1942, fl.
9544 RGS, Morro Vigia p. Livramento, in campestribus siccis graminosis, 12.1.1941, fl.
9958 RGS, Ijuisinho p. Tupanciretan, NWH, in campestribus siccis graminosis, 30.1.1942, fl.
11252 RGS, Sta Maria, CL, in arenosis graminosis, 1943, fl., leg. A. Heidler SJ.
25190 RGS, S. Leopoldo, NEL, in arenosis graminosis, 1907, fl., leg. F. Theissen SJ.
25213 RGS, ibidem, 1907, fl., leg. F. Theissen SJ.
25970 RGS, Pareci p. Montenegro, NEL, in arenosis siccis graminosis, 1944, fl., leg. E. Henz SJ.
26767 RGS, S. Luiz, NWH, in campestribus graminosis, 8.1944, fl., leg. E. Friderichs SJ.
28579 RGS, Nonoai, NWU, in campestribus graminosis, 3.1945, fl.
29550 RGS, Sapucaia p. S. Leopoldo, NEL, in arenosis graminosis siccis, 5.9.1945, fl.
32016 RGS, Curralinhos p. Torres, NEC, in arenosis graminosis, 7.12.1944, fl.
32539 RGS, Pareci p. Montenegro, NEL, in campestribus siccis graminosis, 19.9.1945, fl., leg. E. Henz SJ.
33438 RGS, S. Leopoldo, NEL, in arenosis siccis graminosis, 10.8.1946, fl., leg. E. Henz SJ.
36417 RGS, Cambará p. S. Francisco de Paula, NEH, in campestribus siccis graminosis, 2.1948, fl., fr.
37030 RGS, S. Leopoldo, NEL, in campestribus graminosis, 9.1947, fl., leg. A. Spies.
37847 RGS, Sapucaia p. S. Leopoldo, NEL, in arenosis graminosis, 8.7.1948, fl.
37498 RGS, ibidem, 5.9.1948, fl.
38753 RGS, Conceição p. Cai, in arenosis graminosis, 14.12.1948, fl.
39592 RGS, Cachoeirinha p. Gravataí, NEL, in campestribus graminosis, 7.1.1949, fl.
39810 RGS, Pareci p. Montenegro, NEL, in campestribus graminosis, 14.1.1949, fl.
42606 RGS, ibidem, 18.7.1949, fl.
42781 RGS, Sapucaia p. S. Leopoldo, NEL, in arenosis siccis graminosis, 5.8.1949, fl.
42941 RGS, Pareci p. Montenegro, NEL, in sabulosis herbosis, 17.8.1849, fl.
43282 RGS, Estação Azevedo p. Montenegro, NEL, in arenosis graminosis, 5.7.1949, fl.
43524 RGS, Portão p. S. Leopoldo, NEL, in campestribus graminosis, 23.9.1949, fl.
44275 RGS, Sapucaia p. S. Leopoldo, NEL, in campestribus siccis graminosis, 5.11.1949, fl.
46335 RGS, Cristo Rei p. S. Leopoldo, NEL, in arenosis graminosis, 17.3.1950, fl., det. Moldenke.

- 47821** RGS, S. Leopoldo, NEL, in arenosis graminosis, 27.8.1949, fl., leg. A. Sehnem SJ 3882.
- 48727** RGS, Sapucaia p. S. Leopoldo, NEL, in arenosis graminosis, 7.9. 1950, fl.
- 51274** RGS, Viamão p. P. Alegre, NEL, in campestribus arenosis graminosis, 3.9.1950, fl., leg. K. Emrich.
- 51348** RGS, Leprosário p. Itapoan, NEL, in campestribus graminosis, 14. 12.1951, fl.
- 54786** RGS, Torres, NEC, prope litus in arenosis graminosis, 11.1.1954, fl.
- 55318** SC, Laguna, ad litus in arenosis, 22.12.1951, fl., leg. R. Reitz 4703, det. Moldenke.
- 55909** RGS, Fazenda do Arroio p. Osório, NEC, in arenosis graminosis, 3. 10.1954, fl.
- 56245** RGS, Torres, NEC, in arenosis graminosis, 12.11.1954, fl.
- 57493** RGS, Estação de Silvicultura p. Sta. Maria, CL, in campestribus siccis graminosis, 15.11.1955, fl., leg. O. Camargo 33.
- 59156** RGS, Pestana p. Ijuí NWH, in campestribus, 2.9.1953, fl., leg. J. Pivetta 968.
- 60456** RGS, Estação de Silvicultura p. Sta Maria, CL, in campestribus siccis graminosis, 10.4.1956, fl., leg. O. Camargo 502.

Habitat: Prostrate, branches radiating from a rootstock, up to 40 cm long.

Habitat: Dry, preferably sandy grassy Campos.

Distribution in RGS: Over the whole of the Campos area, especially in the north-eastern Lowlands and near the sea coast.

General distribution: From Peru, Bolivia and Paraguay to northern Argentina, RGS and Uruguay.

Verbena phlogiflora Cham.

Linnaea 7 (1832) 266; Schauer, FB 9 (1851) 282; Herter, Flor. Urug. (1930) 105; Moldenke, Kn. Geogr. Distr. Verb. (1949) 94.

- 444** RGS, Vila Manresa p. P. Alegre, NEL, in dumosis, 16.10.1932, fl.
- 1120** RGS, sine loco, sine die, fl.
- 2964** RGS, S. Borja, SW, in campestribus siccis dumosis, 1943, fl., leg. Fr. Baglione.
- 3982** Uruguay, Cuñapirú p. Rivera, in dumosis humidis, 12.1.1941.
- 4273** RGS, Cambará p. S. Francisco de Paula, NEH, in dumosis humidis, 6.2.1941, fl.
- 4488** RGS, Fazenda Englert p. S. Francisco de Paula, NEL, in silvula campestri, 8.2.1941, fl.
- 4508** RGS, ibidem, 8.2.1941, fl.
- 4775** RGS, Passo do Inferno p. Canela, NEH, in silvula campestri, 10.2. 1941, fl.
- 7848** RGS, S. Leopoldo, NEL, in dumosis, 1907, fl., leg. F. Theissen SJ.
- 11605** RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in silvula campestri, 1.1944, fl., leg. P. Buck SJ.
- 25298** RGS, S. Leopoldo, NEL, in dumosis, 1907, fl., leg. F. Theissen SJ.
- 26992** RGS, Morro da Polícia p. P. Alegre, NEL, ad silvam campestrem, 10.1944, fl.
- 28583** RGS, Nonoai, NWU, in dumosis, 3.1945, fl.
- 30011** RGS, P. Alegre, NEL, in campestribus dumosis, sine die, fl., leg. K. Emrich.

- 32817** RGS, Vila Manresa p. P. Alegre, NEL, in silvula campestri, 12.12.1945, fl.
- 33279** RGS, Caracol p. Canela, NEH, in dumosis, 7.3.1946, fl., leg. K. Emrich.
- 35460** RGS, S. Leopoldo, NEL, in campestribus, dumosis, 6.11.1946, fl., leg. C. Ritter SJ (Moldenke: *V. scrobiculata* Gris).
- 35908** RGS, Caracol p. Canela, NEH, in dumosis, 21.2.1947, fl., leg. K. Emrich.
- 36419** RGS, Cambará p. S. Francisco de Paula, NEH, in silvula campestri, 2.1948, fl.
- 37693** RGS, Morro da Polícia p. P. Alegre, NEL, ad silvulam, 20.9.1948, fl., det. Moldenke.
- 38555** RGS, ad montem das Cabras p. S. Leopoldo, NEL, in silvula campestri, 7.12.1948, fl.
- 39020** RGS, Steinkopf p. S. Leopoldo, NEL, in dumosis, 20.12.1948, fl., det. Moldenke.
- 43350** RGS, Morro da Polícia p. P. Alegre, NEL, in silvula campestri, 9.9.1949, fl.
- 43620** RGS, ibidem, 28.9.1949, fl.
- 43780** RGS, Pareci p. Montenegro, NEL, in silvula campestri, 7.10.1949, fl.
- 44020** RGS, Morro do Osso p. P. Alegre, NEL, in silvula campestri, 21.10.1949, fl.
- 44165** RGS, Morro Santana p. P. Alegre, NEL, in dumosis, 2.11.1949, fl.
- 49084** RGS, Vila Manresa p. P. Alegre, NEL, in silvula campestri, 8.11.1950, fl.
- 50188** RGS, Caracol p. Canela, NEH, in dumosis, 1.1951, fl., leg. K. Emrich.
- 52158** RGS, Morrinhos p. S. Francisco de Paula, NEH, in humidis dumosis 7.2.1952, fl.
- 53369** RGS, Caaró p. S. Luiz, NWH, in humidis dumosis, 24.11.1952, fl.
- 54059** RGS, Taimbesinho p. S. Francisco de Paula, NEH, in dumosis humidis, 20.2.1953, fl.
- 54366** SC, Bom Jardim p. S. Joaquim, in campestribus dumosis, 29.1.1950, fl., leg. R. Reitz 5073, det. Moldenke (*f. alba* Mold.).
- 54370** SC, ibidem, 29.1.1950, leg. R. Reitz 5090, det. Moldenke.
- 55301** SC, Campo Erê p. Chapecó, in campestribus dumosis, 24.1.1952, fl., leg. R. Reitz 4741, det. Moldenke.
- 55939** RGS, Taimbesinho p. S. Francisco de Paula, NEH, in dumosis, 3.11.1954, fl.

Habit: Herbaceous, weak, erect or leaning to the neighbors, up to 1 m high.

Habitat: Wet to swampy thickets in the Campos area.

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

General distribution: From Cuba to Uruguay and northern Argentina.

Verbena platensis Spreng.

Syst. Veg. 2 (1825) 748; Moldenke, Kn. Geogr. Distr. Verb. (1949) 94. *V. teucroides* Gill. et Hook., Hook. Bot. Misc. 1 (1830) 107; Schauer, FB 9 (1851) 184; Herter, Flor. Urug. (1930) 106.

- 27997** Uruguay, Florida, in campestribus saxosis, 12.1936, fl., leg. et det. B. Rosengurtt B-810.

32950 Uruguay, ibidem, 20.10.1942, fl., leg. et det. B. Rosengurtt PE-5056.

63156 RGS, Uruguaiana, SW, in campestribus, 1957, fl., leg. A. Spies.

Habit: Prostrate, rooting at the lower joints, branches radiating, up to 30 cm long.

Habitat: Dry, grassy Campos.

Distribution in RGS: Southwestern plains only.

General distribution: Chile, northern Argentina, Uruguay, westernmost RGS, Paraguay.

Verbena pulchra Mold.

Phytologia 2 (1948) 476; idem, Kn. Geogr. Distr. Verb. (1949) 94.

299682 RGS, Pareci p. Montenegro, NEL, in subhumidis dumosis, 3.10.1945, fl., fr., leg. E. Henz SJ, det. Moldenke.

Habit: Very vigorous, erect, apparently more than 1 m high.

Habitat: Wet, densely and highly vegetated Campos.

Distribution in RGS: Only one findplace in the northeastern Lowlands.

General distribution: S. Paulo to Misiones and Uruguay.

Verbena ramboi Mold.

Phytologia 3 (1951) 427.

25786 RGS, Fazenda Sta Cecilia p. S. Gabriel, SW, in campestribus dumosis, 1.1944, fl.

25787 RGS, ibidem, 15.1.1944, fl., det. Moldenke.

Habit: Erect, stiff, coarse, about 30 cm high; very similar (identical ?) to *V. stellaroides* Cham.).

Habitat: Slightly shrubby Campos.

Distribution in RGS: Southwestern plains only.

General distribution: So far, RGS only.

Verbena reitzii Mold.

Phytologia 3 (1949) 119.

50761 SC, Campo dos Padres p. Bom Retiro, in campestribus subpaludosos, 16.2.1948, fl., leg. R. Reitz 3663, det. H. Moldenke. Cotypus.

50794 SC, ibidem, 15.15.1948, fl., leg. R. Reitz 3726, det. Moldenke.

Habit: Suffruticose perennial, erect, apparently about 1 m high.

Habitat: Wet, apparently densely vegetated Campos.

Distribution in RGS: To be found along the northeastern frontier.

General distribution: So far, SC only.

Verbena rigida Spreng.

- Syst. Veg. Cur. Post. (1827) 230; Moldenke, Kn. Geogr. Distr. Verb. (1949) 94. — V. venosa Gill. et Hook., Hook. Bot. Misc. 1 (1830) 167; Schauer, FB 9 (1851) 188; Herter, Flor. Urug. (1930) 106.
- 439** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus dumosis, 16.1.1933, fl., det. Moldenke.
- 1122** RGS, Cruz Alta, NWH, in aerodromo, 28.1.1938, fl.
- 3904** RGS, Morro Vigia p. Livramento, SW, in rupestribus graminosis, 12.1.1941, fl.
- 4052** Uruguay, Tres Fornos p. Rivera, in campestribus siccis graminosis, 12.1.1941, fl. nondum aperto.
- 4080** Uruguay, ibidem, 12.1.1941, fl.
- 8376** RGS, Caixa d'Agua p. P. Alegre, NEL, in campestribus graminosis, 15.11.1941, fl., leg. K. Emrich.
- 8844** RGS, Bom Jesus, NEH, in campestribus, 15.1.1942, fl.
- 9146** RGS, Jari p. Tupanciretan, NWH, in campestribus, 26.1.1942, fl.
- 9191** RGS, sine loco, sine die, fl.
- 9219** RGS, Jari p. Tupanciretan, NWH, in campestribus graminosis, 26.1.1942, fl.
- 9336** RGS, ibidem, 26.1.1942, fl.
- 9550** RGS, Tupanciretan, NWH, in graminosis siccis, 26.1.1942, fl.
- 9798** RGS, ibidem, 29.1.1942, fl.
- 9990** RGS, Ijuisinho p. Tupanciretan, NWH, in campestribus graminosis, 30.1.1942, fl.
- 10064** RGS, ibidem, in campestribus siccis graminosis, 30.1.1942, fl.
- 11253** RGS, Sta. Maria, CL, in campestribus arenosis graminosis, 1943, fl., leg. A. Heidler SJ.
- 11257** RGS, Lagoa Vermelha, NEH, in campestribus graminosis, 1.1943, fl., leg. E. Friderichs SJ.
- 25940** RGS, Cérro Largo p. S. Luiz, NWH, in campestribus siccis graminosis, 9.1944, fl., leg. E. Friderichs SJ.
- 27143** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus graminosis, 10.1943, det. Moldenke.
- 27286** RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus graminosis, 1.1.1944, fl.
- 28229** RGS, Nonoai, NWU, in campestribus siccis graminosis, 3.1945, fl.
- 29121** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus subnudis, 12.9.1945, fl.
- 34727** RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus graminosis, 3.1.1947, fl., det. Moldenke.
- 37551** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus dumosis, 15.9.1948, fl.
- 43694** RGS, Morro de Sta Teresa p. P. Alegre, NEL, in campestribus dumosis, 3.10.1949, fl.
- 44028** RGS, Morro do Osso p. P. Alegre, NEL, in campestribus siccis subnudis, 21.10.1949, fl.
- 44150** RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis subdumosis, 31.10.1949, fl.
- 44164** RGS, Morro Santana p. P. Alegre, NEL, in dumosis, 2.11.1949, fl.
- 47913** SC, Trindade p. Florianópolis, 9.1.1948, fl., leg. A. Sehnem SJ 3036.
- 48078** RGS, Pinhal p. Montenegro, NES, ad viam, 15.11.1948, fl., leg. A. Sehnem SJ 3505.
- 51646** RGS, Passo da Guarda p. Bom Jesus, NEH, in graminosis siccis, 27.12.1951, fl.

53021 RGS, Sto Angelo, NWH, in campestribus graminosis, 17.11.1952, fl.
53289 RGS, Caaró p. S. Luiz, NWH, in campestribus dumosis, 24.11.1952, fl.

56045 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 19.11.1954, fl.

57248 RGS, ibidem, in agro, 15.10.1955, fl.

58857 RGS, Estação de Silvicultura p. Sta Maria, CL, in dumosis siccis, 3.2.1956, fl., leg. O. Camargo 173.

62057 RGS, Bento Gonçalves, NEH, in graminosis ad viam, 6.10.1957, fl., leg. O. Camargo 1944.

63055 RGS, Pelotas, SEC, ad viam, 11.3.1956, fl., leg. Schlichting.

63278 RGS, ibidem, in arenosis, 12.12.1957, fl., leg. J. Sacco 853.

63786 RGS, ibidem, in campestribus, 27.2.1958, fl., leg. J. Sacco.

63861 RGS, Passo Fundo, CH, in campestribus, 9.1949, fl., misit J. Sacco 82.

Habit: Erect, stiff, coarse, up to 40 cm high.

Habitat: Dry, more or less shrubby Campos, shows weedy tendencies.

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

General distribution: From southern USA to Uruguay, northern Argentina and Chile.

Verbena stellaroides Cham.

Linnaea 7 (1832) 264; Schauer, FB 9 (1851) 187; Herter, Flor. Urug. (1930) 105; Moldenke, Kn. Geogr. Distr. Verb. (1949) 94.

9555 RGS, Tupanciretan, NWH, in campestribus siccis dumosis, 28.1.1942, fl.

9758 RGS, ibidem, 29.1.1942, fl.

10156 RGS, Jarí p. Tupanciretan, NWH, in campestribus graminosis, 26.1.1942, fl.

58698 RGS, Estação de Silvicultura p. Sta Maria, CL, in campestribus siccis graminosis, leg. O. Camargo 51.

Habit: Erect, stiff, coarse, scarcely branched or unbranched, up to 50 cm high; leaves very narrow and long.

Habitat: Dry, grassy Campos.

Distribution in RGS: Western Campos only.

General distribution: Paraguay, westernmost RGS, Uruguay.

Verbena strigosa Cham.

Linnaea 7 (1832) 256; Schauer, FB 9 (1851) 186; Moldenke, Kn. Geogr. Distr. Verb. (1949) 94.

2817 RGS, S. Francisco de Paula, NEH, in campestribus graminosis, 14.1937, fl.

8192 RGS, Rio dos Touros p. Bom Jesus, NEH, in campestribus, 13.1.1942, fl.

8602 RGS, Serra da Rocinha p. Bom Jesus, NEH, in campestribus alte graminosis subhumidis, 14.1.1941, fl.

8788 RGS, Bom Jesus, NEH, in campestribus subhumidis graminosis, 15.1.1942, fl.

30981 RGS, Vila Oliva p. Caxias, NEH, in campestribus graminosis, 3.1.1946, fl.

32450 RGS, Serra da Rocinha p. Bom Jesus, NEH, in campestribus graminosis subhumidis, 28.2.1946, fl., det. Moldenke.

- 34728** RGS, S. Francisco de Paula, NEH, in campestribus subhumidis graminosis, 3.1.1947, fl., det. Moldenke.
- 35217** RGS, Serra da Rocinha, p. Bom Jesus, NEH, in campestribus dense graminosis, 14.2.1947, fl.
- 49319** RGS, Taimbesinho p. S. Francisco de Paula, NEH, in campestribus saxosis subhumidis graminosis, 18.12.1950, fl.
- 50961** RGS, ibidem, 18.12.1950, fl.
- 50999** RGS, ibidem, leg. A. Sehnem SJ 5130.
- 51940** RGS, Palmeira, NWH, in campestribus graminosis subhumidis, 30.1.1952, fl.
- 55298** SC, Capetinga p. Chapecó, in campestribus, 24.1.1952, fl., leg. R. Reitz 4746 (Moldenke: V. hirta Spreng.).
- 55300** SC, Campo Erê p. Chapecó, in campestribus, 24.1.1952, fl., leg. R. Reitz 4742 (Moldenke: V. hirta Spreng.).
- 55303** SC, ibidem, 24.1.1952, fl., leg. R. Reitz 4739 (Moldenke: V. hirta Spreng.).
- 55928** RGS, Taimbesinho p. S. Francisco de Paula, NEH, in campestribus subhumidis, 3.11.1954, fl.
- 56274** RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in campestribus subsiccis graminosis, 2.1.1955, fl.
- 56628** RGS, Vila Oliva p. Caxias, NEH, in campestribus graminosis, 8.2.1955, fl.
- 56868** SC, Bom Jardim p. S. Joaquim, in campestribus subhumidis, 29.1.1950, fl., leg. R. Reitz s.n. (Moldenke: V. hirta Spreng.).

Habit: Low shrub, densely branched from a rootstock, branches up to 30 cm high.

Habitat: More or less wet, peaty, grassy Campos.

Distribution in RGS: Highlands only, especially the northeastern sector.

General distribution: From S. Paulo to RGS.

Verbena tenera Spreng.

Syst. Veg. 2 (1825) 750; Schauer, FB 9 (1851) 193; Herter, Flor. Urug. (1930) 105; Moldenke, Kn. Geogr. Distr. Verb. (1949) 94.

- 9389** RGS, Jarí p. Tupanciretan, NWH, in campestribus graminosis, 26.1.1942, fl.
- 9913** RGS, Tupanciretan, NWH, in campestribus siccis graminosis, 24.1.1942, fl.
- 10005** RGS, Ijuisinho p. Tupanciretan, NWH, in campestribus graminosis, 30.1.1942, fl.
- 10103** RGS, ibidem, 30.1.1942, fl.
- 25789** RGS, Fazenda Sta Cecilia p. S. Gabriel, SW, in campestribus siccis graminosis, 1.1944, fl.
- 34719** RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus siccis graminosis, 3.1.1947, fl., det. Moldenke.
- 28352** RGS, Nonoai, NWU, in campestribus graminosis siccis, 3.1945, fl.
- 53317** RGS, Caaró p. S. Luiz, NWH, in campestribus dumosus, 24.11.1952, fl.
- 60504** RGS, Pelotas, SEC, in siccis arenosis, 17.3.1955, fl., leg. J. Sacco.
- 61292** RGS, Pestana p. Ijuí, NWH, in campestribus, 1.2.1956, fl., leg. J. Pivetta 1155.
- 61443** RGS, Pelotas, SEC, in campestribus, 25.9.1957, fl., leg. J. Sacco 646.
- 61444** RGS, ibidem, 25.9.1957, fl., leg. J. Sacco 647.

- 63207** RGS, Uruguaiana, SW, in campestribus, 1957, fl., leg. A. Spies.
63244 RGS, ibidem, 1957, fl., leg. A. Spies.

Habit: Prostrate, base generally a little elevated branches radiating, up to 40 cm long.
Habitat: Dry, more or less open to grassy Campo.

Distribution in RGS: Western to central Campos area, absent from the northeastern quadrant.

General distribution: From Rio de Janeiro to Uruguay and northern Argentina.

Verbena thymoides Cham.

Linnaea 7 (1832) 257; Schauer, FB 9 (1851) 193; Herter, Flor. Urug. (1930) 106; Moldenke, Kn. Geogr. Distr. Verb. (1949) 94.

- 2790** RGS, Portão p. S. Leopoldo, NEL, in campestribus alte graminosis, 17.6.1936, fl.
4538 RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in campestribus subsiccis alte graminosis, 8.2.1941, fl.
9407 RGS, Jarí p. Tupanciretan, NWH, in campestribus dense alteque graminosis, 26.1.1942, fl.
11850 RGS, Vacaria, NEH, in campestribus dense graminosis, 1.1933, fl., leg. Irm. Augusto.
29122 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus alte graminosis, 12.9.1945, fl.
31077 RGS, Vila Oliva p. Caxias, NEH, in campestribus siccis alte denseque graminosis, 5.1.1946, fl.
31758 SC, Sombrio p. Araranguá, in arenosis alte graminosis, 7.2.1946, fl.
34132 RGS, Vila Manresa p. P. Alegre, NEL, in siccis dense alteque graminosis, 9.10.1946, fl.
34725 RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus dense graminosis, 3.1.1947, fl., fr., det. Moldenke.
35979 Paraná, Florestal p. Piraquara, in campestribus alte graminosis, 20.10.1946, fl., leg. G. Hatschbach 500.
36415 RGS, Cambará p. S. Francisco de Paula, NEH, in campestribus dense dumosus, 2.1948, fl.
37491 RGS, Vila Manresa p. P. Alegre, NEL, in siccis alte graminosis, 1.9.1948, fl.
37827 RGS, ibidem, 2.10.1948, fl., det. Moldenke.
40857 RGS, Granja Neugebauer p. Itapoan, NEL, in dense graminosis, 3.4.1949, fl.
43564 RGS, Portão p. S. Leopoldo, NEL, in siccis alte graminosis, 23.9.1949, fl.
45091 RGS, Fazenda do Arroio p. Osório, NEC, in campestribus arenosis dense graminosis, 4.1.1950, fl.
48873 RGS, Granja Neugebauer p. Itapoan, NEL, in campestribus alte graminosis, 27.9.1950, fl., fr.
49579 SC, Lages, in campestribus alte dumosis, 10.1.1951, fl.
57608 RGS, Pestana p. Ijuí, NWH, in alte graminosis, 19.2.1954, fl., leg. J. Pivetta 629.
58722 RGS, Estação de Silvicultura p. Sta Maria, CL, in campestribus alte graminosis, 28.2.1956, fl., leg. O. Camargo 35.
58730 RGS, ibidem, 3.2.1956, fl., leg. O. Camargo 216
58767 RGS, ibidem, 1.3.1956, fl., fr., leg. O. Camargo 105.

61302 RGS, Pestana p. Ijuí, NWH, in campestribus alte denseque graminosis, 7.2.1956, fl., leg. J. Pivetta 1135.

Habit: Slender, erect to recumbent, up to 1 m high.

Habitat: Dry Campos, among dense and tall grasses.

Distribution in RGS: Over the whole Campos area, not frequent.

General distribution: From S. Paulo and Paraguay through South Brazil to Uruguay.

VITEX L.

Vitex megapotamica (Spreng.) Mold.

Am. Journ. of Bot. 38 (1951) 327; Phytologia 5, n. 9 (1956) 464. — mon-tevidensis Cham., Linnaea 7 (1832) 373; Schauer, FB 9 (1851) 297; Briquet, Ark. f. Bot. 2, n. 10 (1904) 22; Herter, Flor. Urug. (1930) 106; Bornmüller, Rev. Sud. Bot. 2 (1935) 6; Moldenke, Kn. Geogr. Distr. Verb. (1949) 95.

448 RGS, Vila Manresa p. P. Alegre, NEL, in silva campestri, 13.11.1932, fl.

4813 RGS, Passo do Inferno p. Canela, NEH, in araucarieto, 10.2.1941, fr. deciso.

6506 SC, Trindade p. Florianópolis, in silva, 12.1940, fl., leg. A. Sehnem SJ.

7839 RGS, S. Leopoldo, NEL, in silva campestri, 1907, fl., leg. F. Theissen SJ.

7842 RGS, ibidem, 1907, fl., leg. F. Theissen SJ.

9214 RGS, Tupanciretan, NWH, in silva campestri, 26.1.1942, ster.

9216 RGS, Jarí p. Tupanciretan, NWH, in silva campestri, 26.1.1942, ster.

9572 RGS, Tupanciretan, NWH, in silva campestri, 28.1.1942, fr.

9965 RGS, Ijuisinho p. Tupanciretan, NWH, in silva campestri, 30.1.1942, fr. semievoluto.

11263 RGS, Cérro Largo p. S. Luiz, NWH, in secundariis, 1.1943, ster., leg. P. Buck SJ.

11899 RGS, Montserrat p. P. Alegre, NEL, in silvula campestri, 2.11.1942, fl., leg. K. Emrich.

25044 RGS, S. Leopoldo, NEL, in silva campestri, 1943, fl., leg. A. Reckziegel.

25291 RGS, S. Leopoldo, NEL, in silva campestri, 1907, fl., leg. F. Theissen SJ.

25506 RGS, ibidem, 1943, ster., leg. R. Reitz.

27080 RGS, Vila Manresa p. P. Alegre, NEL, in silva, 10.1944, fl.

27585 RGS, Pareci p. Montenegro, NEL, in silva campestri, 1944, ster., leg. E. Henz SJ.

29358 RGS, Vila Manresa p. P. Alegre, NEL, in silva campestri, 3.11.1945, fl.

31521 SC, Sombrio p. Araranguá, in silvula campestri, 3.2.1946, fr.

32667 RGS, Pareci p. Montenegro, NEL, in silva campestri, 11.11.1945, fl., leg. E. Henz SJ.

32698 RGS, Zimmersberg p. Montenegro, NEL, in silva campestri, 17.10.1945, fl., leg. E. Henz SJ.

32908 RGS, Kappesberg p. Montenegro, NES, in silva, 9.11.1945, fl., leg. E. Friderichs SJ.

34335 RGS, Montserat p. P. Alegre, NEL, in silva campestri, 26.10.1946, fl., leg. K. Emrich.

- 34497** RGS, Paraná, Pinhal p. Piraquara, in silva, 24.11.1946, fl., leg. G. Hatschbach 559.
- 35421** RGS, S. Leopoldo, NEL, in silva campestri, 6.11.1946, fl., leg. E. Henz SJ.
- 37965** RGS, in summo monte Sapucaia, NEL, in rupestribus, enana, 10.11.1948, fl.
- 37993** RGS, Barra do Ribeiro p. P. Alegre, NEL, in silvula riparia, 14.11.1948, fl.
- 39236** RGS, Morro do Sabiá p. P. Alegre, NEL, in silvula riparia, 28.12.1948, fl.
- 39819** RGS, Pareci p. Montenegro, NEL, in silvula campestri, 14.1.1949, fr. submature.
- 44520** RGS, Osório, NEC, in silva sabulosa, 24.11.1949, fl.
- 44611** RGS, Vila Oliva p. Caxias, NEH, in araucarieto, 3.12.1949, fl.
- 48069** RGS, Kappesberg p. Montenegro, NES, in silva, 15.11.1948, fl., leg. A. Sehnem SJ 3516.
- 48629** RGS, Pareci p. Montenegro, NEL, in silva campestri, 31.10.1945, fl., leg. A. Sehnem SJ 1441.
- 49156** RGS, Esteio p. S. Leopoldo, NEL, in silva campestri, 20.11.1950, fl.
- 49270** RGS, Gravataí p. P. Alegre, NEL, in silva campestri, 1.12.1950, fl.
- 51795** RGS, Morro Grande p. Osório, NEC, in silva sabulosa, 10.1.1952, fr.
- 53149** RGS, Céraro Largo, NWH, in silva, 20.11.1952, fl.
- 53210** RGS, ibidem, 20.11.1952, ster.
- 55921** SC, Laguna, prope litus in silvula arenosa, 10.11.1951, fl., leg. R. Reitz 4699, det. Moldenke (*V. megapotamica* (Spreng.) Mold.).
- 55671** SC, Brusque, in silva, 4.12.1949, fl., leg. R. Reitz 5939, det. Moldenke (*V. megapotamica* (Spreng.) Mold.).
- 56210** RGS, Torres, NEC, in silvula sabulosa, enana, 12.11.1954, fl.
- 58418** SC, Azambuja p. Brusque, in silva, 25.11.1949, fl., leg. R. Reitz 4610, det. Moldenke (*V. megapotamica* (Spreng.) Mold.).
- 58439** SC, S. Pedro p. Brusque, in silva, 23.11.1949, fl., leg. R. Reitz 4653, fl., det. Moldenke (*V. megapotamica* (Spreng.) Mold.).
- 57379** RGS, Estação de Silvicultura p. Sta Maria, CL, in silva, 23.12.1955, fr., leg. O. Camargo 49.
- 59126** RGS, Pestana p. Ijuí, NWH, in silva, 5.11.1953, fl., leg. J. Pivetta 976.
- 60646** RGS, Farroupilha, NEH, in araucarieto, 8.5.1957, fr., leg. O. Camargo 1415.
- 60739** RGS, Passo Fundo, CH, in silva, 4.1957, ster., leg. P. Freddiani.
- 61526** RGS, Farroupilha, NEH, in silva, 22.11.1957, fl., leg. O. Camargo 2622.
- 61542** RGS, ibidem, in silva, 22.11.1957, fl., leg. O. Camargo 2615.
- 61591** RGS, Taquarí, CL, in silva, 8.12.1957, fl., leg. O. Camargo 2697.
- 61781** RGS, Farroupilha, NEH, in silva, 18.11.1957, fl., leg. O. Camargo 2544.
- 62665** RGS, P. Alegre, NEL, in silva campestri, 2.11.1957, fl., leg. O. Camargo 2372.
- 62853** RGS, Taquarí, CL, in silva campestri, 10.12.1957, fl., leg. O. Camargo 3065.
- 64048** RGS, Pelotas, SEC, in silva, 22.11.1955, fl., leg. J. Sacco 440.

Habitat: Middle to tall tree, up to 20 m high; sometimes a pigmy treelet on rocky outcrops or in the shifting sanddunes near the sea coast.

Habitat: Dry woodlets, Campos cespitos, rain forest.

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

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

SPECIES CITED FOR RGS

not present in the Herbarium Anchieta (23)

- Aegiphila vittelliniflora** Klotzsch (Moldenke 1949).
Aloysia pulchra (Briq.) Mold. (Moldenke 1949).
Lantana balansae Briq. (Moldenke 1949).
Lantana canescens H.B.K. (Bornmüller 1935).
Lantana czermakii Briq. (Moldenke 1949).
Lantana glutinosa Poepp. (Moldenke 1949).
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Note: From a 30 years' personal contact with the Riograndean Flora as a collector and determinator, I feel inclined to believe that more than one of the above cited, and also some of the listed in the general enumeration, species, are, at best, varieties of well known older ones.

CULTIVATED (4)

- Aloysia triphylla** (L'Hérit.) Britt.: 1346, 8322, 33596.
Duranta repens L.: 25612, 27303, 28904, 37231.
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