

PESQUISAS

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B. RAMBO, S. J.

LABIATAE RIOGRANDENSES



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LABIATAE RIOGRANDENSES

B. Rambo SJ

RESUMO

O autor enumera 56 espécies em 16 gêneros de Labiatae do Rio Grande do Sul, existentes em seu Herbário particular.

ZUSAMMENFASSUNG

Verfasser zählt 56 Arten in 16 Gattungen aus der Familie der Labiatae auf, die im Staate Rio Grande do Sul, Südbrazilien, gesammelt wurden und sich in seinem Privatherbar vorfinden.

The Family of the Labiatae in Rio Grande do Sul, southernmost State of Brazil, has received but passing treatment in former botanical literature. Schmidt (1858) has 19 species collected in this area; Lindman (1900), 4; Briquet (1904), 7; Bornmüller (1935), 19. For the Republic of Uruguay, Herter (1930) cites about 40 native species; for Uruguay, Argentina and Paraguay together, Epling mentions 111 species in 21 genera.

The Herbarium Anchieta (PACA 1931-1961), among 65.000 collections of Riograndean Phanerogams, has 999 sheets of Labiatae representing 56 species in 16 genera, of which 5 species in 5 genera are perfectly naturalized weeds. The total number of Labiatae in this extra-tropical State of Brazil may be near 70 species in 17 genera. Moreover, there are 18 cultivated species and escapes.

For an easier orientation, the area under study is divided into four quadrants and these in their turn, 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 — northeastern Highlands: Campos, swamps, Araucaria forests.

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

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

SW — southwestern Campos: dry plains, swamps, gallery, woodlets, 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.

Ur — Uruguay.

AM — Argentine Mesopotamia (Misiones, Corrientes, Entrerrios).

If not otherwise, collecting has been performed by B. Rambo SJ, and determining by K. Emrich and B. Rambo SJ; in most species, one or more specimens have been identified by C. Epling; as to the rest, if you have your doubts about them, come and check them, or request them for checking.

CUNILA L.

Cunila angustifolia Benth.

Lab. Gen. Spec. (1834) 361; Schmidt, FB 8,1 (1858) 165; Epling, Rev. Mus. La Plata, n. ser. 2, secc. bot. (1938) 123.

8941 RGS, Bom Jesus, NEH, in silvula, 15.1.1942, fl.

36431 RGS, Cambará p. S. Francisco de Paula, NEH, in araucarieto, 2.1948, fl.

44820 RGS, S. Francisco de Paula, NEH, in araucarieto, 18.12.1949, fl.

47845 RGS, Galópolis p. Caxias, NES, in secundariis, 31.10.1949, fl., leg. A. Sehnem SJ 3990.

50004 RGS, Palmeira, NWU, ad araucarietum, 12.2.1951, fl., det. Epling.

50487 RGS, Galópolis p. Caxias, NES, in secundariis, 31.10.1949, fl., leg. A. Sehnem SJ 3990.

50548 RGS, S. Francisco de Paula, NEH, in araucarieto aperto, 18.12.1949, fl., leg. A. Sehnem SJ 4095.

51959 RGS, Palmeira, NWU, in campestribus dumosis, 30.1.1952, fl., det. Epling.

54477 RGS, Taimbesinho p. S. Francisco de Paula, NEH, in dumosis subhumidis, 13.11.1953, fl.

59435 RGS, Farroupilha, NEH, in dumosis humidis, 15.11.1956, fl., leg. O. Camargo 931.

59496 RGS, ibidem, in dumosis, 28.9.1956, fl., leg. O. Camargo 774.

61890 RGS, Garibaldi, NEH, in secundariis, 29.10.1957, fl., leg. O. Camargo 2267.

62187 RGS, Farroupilha, NEH, in dumosis, 4.10.1957, fl., leg. O. Camargo 1882.

Habit: Woody shrub, densely branched, up to 2 m high.

Habitat: Open Araucaria forests, thickets, secondary growth.

Distribution in RGS: Highlands only, especially northeastern sector.

General distribution: Southern Brazil to RGS and Misiones.

Cunila galiooides Benth.

Lab. Gen. Spec. (1884) 363; Schmidt, FB 8,1 (1858) 167; Bornmüller, Rev. Sud. Bot. 2 (1935) 7.

- 1829 RGS, S. Francisco de Paula, NEH, in subpaludosis alte graminosis herbosis, 14.1.1937, fl.
- 4469 RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in subhumidis dumosis, 8.2.1941, ster.
- 6792 SC, Lages, in campestribus humidis alte graminosis, 1935, fl., leg. A. Bruxel SJ.
- 6837 SC, ibidem 1935, ster., leg. A. Bruxel SJ.
- 8499 RGS, Serra da Rocinha p. Bom Jesus, NEH, in humidis alte graminosis, 14.1.1942, fl.
- 9564 RGS, Tupanciretan, NWH, in campestribus subhumidis dumosis, 28.1.1942, ster.
- 9733 RGS, ibidem, 29.1.1942, ster.
- 9915 RGS, ibidem, 24.1.1942, ster.
- 3068 RGS, Vila Oliva p. Caxias, NEH, in subpaludosis alte herbosis, 3.1.1946, ster.
- 32286 RGS, Tainhas p. S. Francisco de Paula, NEH, in humidis alte graminosis, 16.2.1946, ster.
- 32451 RGS, Serra da Rocinha p. Bom Jesus, NEH, in humidis alte herbosis, 28.2.1946, ster.
- 33643 Paraná, in campestribus humidis, 4.6.1946, fl., fr., leg. G. Hatschbach.
- 35126 RGS, Fazenda da Ronda p. Vacaria, NEH, in humidis graminosis, 14.1.1947, ster.
- 35768 RGS, Agua Azul p. Caxias, NEH, in humidis alte graminosis, 31.1.1947, ster., leg. E. Henz SJ.
- 36229 RGS, Cambará p. S. Francisco de Paula, NEH, in campestribus humidis alte graminosis, 2.1948, ster.
- 52086 RGS, Jaquirana p. S. Francisco de Paula, NEH, in subpaludosis alte graminosis, 20.2.1952, fl. subaperto, det. Epling.
- 52222 RGS, Taimbésinho p. S. Francisco de Paula, NEH, in campestribus humidis alte graminosis, det. Epling.
- 60151 SC, Campo dos Padres p. Bom Retiro, in humidis subdumosis, 23.1.1957, ster.

Habit: Low, woody shrub, abundantly branched from the base, with characteristic short secondary branches which are densely covered with short leaves.

Habitat: Wet Campos with high and dense grass cover.

Distribution in RGS: Highlands only, especially northeastern sector.

General distribution: From Minas Gerais to RGS.

Cunila incana Benth.

Lab. Gen. Spec. (1834) 361; Schmidt, FB 8,1 (1858) 165; Bornmüller, Rev. Sud. Bot. 2 (1935) 7; Epling, Rev. Mus. La Plata, n. ser. 2, secc. bot. (1938) 123.

54477 RGS, Taimbésinho p. S. Francisco de Paula, NEH, ad rivum in dumosis, 13.11.1953, fl., det. Epling.

Habit: Woody shrub, very similar (identical?) to *C. angustifolia* Benth.

Habitat: Wet thickets.

Distribution in RGS: So far, northeastern Highlands only.

General distribution: RGS and Misiones.

Cunila microcephala Benth.

Lab. Gen. Spec. (1834) 364; Schmidt, FB 8,1 (1858) 166, tab. 31; Herter, Flor. Urug. (1930) 106; Epling, Rev. Mus. La Plata, n. ser. 2 secc. bot. (1938) 124.

- 4016 Uruguay, Cuñapirú p. Rivera, in paludosis dumosis, 12.1.1941, ster.
 4445 RGS, S. Francisco de Paula, NEH, in subpaludosis dumosis, 8.2.1941, ster.
 4948 RGS, Sta Clara p. Lageado, CS, in paludosis dumosis, 18.11.1940, fl.
 8568 RGS, Rio dos Touros p. Bom Jesus, NEH, in paludosis alte herbosis, 13.1.1942, fl.
 25774 RGS, Fazenda Sta. Cecília p. S. Gabriel, SW, in paludosis dumosis, 1.1944, ster.
 27558 RGS, Pareci p. Montenegro, NEL, in paludosis dumosis, 1944, ster., leg. E. Henz SJ.
 32161 Taimbesinho p. S. Francisco de Paula, NEH, in subpaludosis dumosis, 14.2.1946, ster.
 32342 RGS, Tainhas p. S. Francisco de Paula, NEH, in paludosis alte dumosis, 17.2.1946, ster.
 33078 Uruguay, Juan Jackson p. Soriano, in humidis dumosis, 12.1943, fl., leg. et det. B. Rosengurtt PE-5516.
 36237 RGS, Cambará p. S. Francisco de Paula, NEH, in paludosis alte dumosis, 2.1948, ster.
 50987 RGS, Taimbesinho p. S. Francisco de Paula, NEH, in paludosis alte dumosis, 18.12.1950, fl., leg. A. Sehnem SJ 5106.
 54474 RGS, ibidem, 13.11.1953, fl.

Habit: Woody, abundantly branched, recumbent, tuft-forming, up to 50 cm high.

Habitat: Wet shrubby Campos to swampy thickets.

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

General distribution: RGS and Ur.

Cunila platyphylla Epl.

Brittonia 7 (1950) 139.

- 11283 RGS, Marcelino Ramos, NWU, in humidis dumosis, 1.1943, fl., leg. E. Friderichs SJ.
 35125 RGS, Fazenda da Ronda p. Vacaria, NEH, in dumosis ad araucarietum, 14.1.1947, fl., fr., det. Epling.
 49532 SC, Lages, ad araucarietum in dumosis humidis, fl., fr., det. Epling.
 51020 SC, ibidem, 10.1.1951, fl., fr., leg. A. Sehnem SJ 5474.
 51426 RGS, Passo do Socorro p. Vacaria, NEH, in humidis dumosis, 26.12.1951, fl., fr.
 54129 RGS, Jaquirana p. S. Francisco de Paula, NEH, in paludosis dumosis, 20.2.1953, fl.

Habit: Herbaceous, lignified at the base, unbranched, up to 50 cm high.

Habitat: Wet, shadowy places.

Distribution in RGS: Northeasternmost Highlands only.

General distribution: Central Highlands of SC, northeastern Highlands of RGS.

Cunila spicata Benth.

Lab. Gen. Spec. (1834) 362; Schmidt, FB 8,1 (1858) 166; Bornmüller, Rev. Sud. Bot. 2 (1935) 7; Epling, Rev. Mus. La Plata, n. ser. 2, secc. bot. (1938) 124.

776 RGS, Esteio p. S. Leopoldo, NEL, in paludosis dumosis, 2.11.1931, fl.

7806 RGS, S. Leopoldo, NEL, in paludosis alte dumosis, 1907, fl., leg. F. Theissen SJ.

- 25918 RGS, Pareci p. Montenegro, NEL in subpaludosis dense dumosis, 1944, fl., leg. E. Henz SJ.
- 28245 RGS, Nonoai, NWU, in paludosis dumosis, 3.1945, ster.
- 30871 RGS, Vila Oliva p. Caxias, NEH, in dumosis humidis, 31.12.1945, ster.
- 32637 RGS, Pareci p. Montenegro, in paludosis alte graminosis, 12.9.1945, fl., leg. E. Henz SJ.
- 35127 RGS, Fazenda da Ronda p. Vacaria, NEH, in paludosis alte dumosis, 14.1.1947, ster.
- 38332 RGS, Esteio, p. S. Leopoldo, NEL, in paludosis alte herbosis, 24.11.1948, fl., det. Epling.
- 42579 RGS, Pareci p. Montenegro, NEL, in paludosis dumosis, 8.7.1949, fl.
- 43287 RGS, Estação Azevedo p. Montenegro, NEL, in paludosis alte dumosis, 5.9.1949, fl.
- 44132 RGS, Barreto Vianna p. S. Leopoldo, in paludosis dumosis, 24.10.1949, fl.
- 49031 RGS, Esteio p. S. Leopoldo, NEL, in paludosis herbosis, 25.10.1950, fl.
- 49341 RGS, Taimbesinho p. S. Francisco de Paula, NEH, in dumosis humidis, 18.12.1950, fl., det. Epling.
- 51362 RGS, ibidem, 5.11.1951, fl., det. Epling.
- 56799 RGS, ibidem, 16.2.1955, fl.
- 57317 RGS, Esteio p. Canoas, NEL, in paludosis alte herbosis, 11.11.1955, fl.
- 60848 RGS, Santa Rita p. Farroupilha, NEH, in dumosis humidis, 5.6.1957, ster., leg. O. Camargo, 1581.
- 60850 RGS, ibidem, 18.6.1957, ster., leg. O. Camargo 1599.
- 61362 RGS, Pestana, p. Ijuí, NWH, in humidis, 7.2.1956, ster., leg. J. Pivetta 1139.
- 61761 RGS, Taquari, NEL, in humidis dumosis, 8.12.1957, fl., leg. O. Camargo 2776.
- 62528 RGS, Farroupilha, NEH, in humidis dumosis, 15.10.1957, fl., leg. O. Camargo 2092, fl.

Habit: The same as *C. microcephala* Benth.

Habitat: Wet thickets to densely vegetated swamps.

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

General distribution: Paraguay, AM, RGS.

GLECHON Spreng.

Glechon ciliata Benth.

Lab. Gen. Spec. (1834) 408; Schmidt, FB 8, 1 (1858) 178; Epling, Rev. Mus. La Plata, n. ser. 2, secc. bot. (1938) 126. — *G. squarrosa* Benth., Lab. Gen. Spec. (1834) 408; Schmidt, FB 8, 1 (1858) 177; Herter, Flor. Urug. (1930) 106.

150 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 17.10.1932, fl.

4752 RGS, Rio Guira p. S. Francisco de Paula, NEL, in campestribus siccis graminosis, 10.2.1941, fl.

- 27098 RGS, Vila Manresa p. P. Alegre, NEL, in saxosis siccis graminosis, 10.1944, fl.
- 29161 RGS, ibidem, 12.9.1945, fl.
- 31125 RGS, Vila Oliva p. Caxias, NEH, in campestribus siccis graminosis, 8.1.1946, fl.
- 37012 RGS, Espírito Santo p. P. Alegre, NEL, in saxosis siccis graminosis, 12.10.1947, fl.
- 37706 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 22.9.1948, fl.
- 37788 RGS, ibidem, 2.10.1948, fl.
- 38984 RGS, Chácara Weber p. Itapoan, NEL, in campestribus siccis graminosis, 18.12.1948, fl., det. Epling.
- 40693 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 26.3.1949, fl.
- 41063 RGS, Morro Agudo p. P. Alegre, NEL, in rupestribus siccis graminosis, 13.4.1949, fl.
- 43603 RGS, Morro da Policia p. P. Alegre, NEL, in campestribus siccis graminosis, 28.9.1949, fl.
- 43720 RGS, Morro Sta. Teresa p. P. Alegre, NEL, in campestribus siccis graminosis, fl., det. Epling.
- 44026 RGS, Morro do Osso p. P. Alegre, NEL, in saxosis siccis graminosis, 21.10.1949, fl., fr.
- 48984 RGS, Vila Manresa p. P. Alegre, NEL, in saxosis siccis graminosis, 18.10.1950, fl.
- 50608 RGS, ibidem, 3.2.1950, fl., leg. A. Sehnem SJ 4400.
- 54439 RGS, ibidem, 12.11.1953, fl.
- 54943 RGS, Vila Oliva p. Caxias, NEH, in campestribus saxosis, 24.2.1954, fl.
- 57260 RGS, Vila Manresa p. P. Alegre, NEL, in graminosis siccis, 22.10.1955, fl.
- 62722 RGS, P. Alegre, NEL, in campestribus siccis graminosis, 1.11.1957, fl., leg. O. Camargo 2398.
- 64038 RGS, Pelotas, SC, in campestribus siccis saxosis, 8.3.1956, fl., leg. J. Sacco, 570.

Habitat: Low shrub, branched from the base, branches erect, up to 30 cm high, often no more than 10 cm.

Habitat: Very dry, more or less bare or grassy Campos.

Distribution in RGS: Apparently over the whole of the Campos area, but especially frequent near P. Alegre.

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

Glechon marifolia Benth.

Lab. Gen. Spec. (1834) 407; Schmidt, FB 8,1 (1958) 176; Herter, Flor. Urug. (193.) 106; Epling, Rev. Mus. La Plata, n. ser. 2, secc. bot. (1938) 126. — G. canescens St. Hil. ex Benth., Lab. Gen. Spec. (1934) 407; Briquet, Ark. f. Bot. 2, n. 10 (1904) 2; Bornmüller, Rev. Sud. Bot. 2 (1935) 7.

- 149 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis dumosis 17.11.1933, fl.
- 3007 RGS, Vacaria, NEH, in campestribus siccis graminosis, 11.12.1937, fl.
- 9338 RGS, Jari p. Tupanciretan, NWH, in campestribus siccis dumosis, 26.1.1942, fl.
- 9498 RGS, ibidem, 27.1.1942, fl.

- 9719 RGS, Tupanciretan, NWH, in campestribus siccis subdumosis, 29.1.1942, fl.
- 11656 RGS, in summo monte Sapucaia p. S. Leopoldo, NEL, in rupestribus parce humosis graminosis, 10.1943, fl.
- 11708 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 1944, fl.
- 26168 RGS, Fazenda do Jarau p. Quaraí, SW, in rupestribus parce humosis graminosis, 1.1945, fl.
- 27144 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 10.1944, fl.
- 29070 RGS, ibidem, 25.8.1945, fl.
- 29534 RGS, in summo monte Sapucaia p. S. Leopoldo, NEL, in rupestribus subdumosis, 25.9.1945, fl.
- 37504 RGS, ibidem, 5.9.1948, fl.
- 37561 RGS, Vila Manresa p. P. Alegre, NEL in campestribus siccis dumosis, 15.9.1948, fl.
- 38563 RGS, in summo monte das Cabras p. S. Leopoldo, in rupestribus siccis dumosis, 7.12.1948, fl.
- 40694 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis dumosis, 26.3.1949, fl.
- 40891 RGS, ibidem, 8.4.1949, fl., det. Epling.
- 41563 RGS, ibidem, 14.5.1949, in campestribus siccis, 14.5.1949, fl.
- 42774 RGS, in summo monte Sapucaia p. S. Leopoldo, in rupestribus graminosis, 5.8.1949, fl.
- 4334 RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis dumosis, 9.9.1949, fl.
- 43493 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus saxosis graminosis, 20.9.1949, fl.
- 43948 RGS, in summo monte Sapucaia p. S. Leopoldo, NEL, in rupestribus dumosis, 17.10.1949, fl., det. Epling.
- 43989 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 19.10.1949, fl.
- 44440 RGS, Granja Neugebauer p. Itapoan, NEL, in campestribus siccis subdumosis, 19.11.1949, fl.
- 45178 RGS, Fazenda do Arroio p. Osório, NEC, in arenosis siccis graminosis, 4.1.1950.
- 47746 RGS, Montenegro, NEL, in arenosis siccis graminosis, 15.9.1949, fl.
- 48810 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis dumosis, 22.9.1950, fl.
- 48867 RGS, Granja Neugebauer p. Itapoan, NEL, in campestribus siccis dumosis, 27.9.1950, fl.
- 48881 RGS, ibidem, 27.9.1950, fl.
- 49001 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis dumosis, 18.11.1950, fl.
- 50607 RGS, ibidem, 3.2.1950, fl., leg. A. Sehnem SJ.
- 51323 RGS, ibidem, 21.10.1951, fl.
- 51608 RGS, Passo do Socorro p. Vacaria, NEH, in campestribus siccis graminosis, 27.12.1951, fl.
- 54429 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus dumosis, 12.11.1953, fl.
- 55535 SC, Campo dos Padres p. Bom Retiro, in saxosis dumosis, 17.12.1948, fl., leg. R. Reitz 5123, det. L. B. Smith.
- 55894 RGS, Fazenda do Arroio p. Osório, NEC, in arenosis subdumosis, 1.10.1954, fl.
- 57331 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 18.9.1955, fl.

57473 RGS, in summo monte Sapucaia p. S. Leopoldo, NEL, in rupestribus dumosis, 9.10.1955, fl.

63616 RGS, Fazenda do Arroio p. Osório, NEC, in sabulosis siccis, 23.1.1958, fl.

Habit: Woody shrub, abundantly branched from the base, branches erect or ascending, up to 50 cm high.

Habitat: Dry to very dry grassy Campos.

Distribution in RGS: Apparently all over the Campos area but especially frequent in the northeastern Lowlands.

General distribution: From Minas Gerais and Paraguay to Ur.

Glechon spathulata Benth.

Lab. Gen. Spec. (1834) 406; Schmidt, FB 8,1 (1858) 175, tab. 35; Briquet, Ark. f. Bot. 2, n. 10 (1904) 2; Epling, Rev. Mus. La Plata, n. ser. 2, secc. bot. (1938) 127; idem, Repert. Beih. 115 (1939) 8.

3006 RGS, Vacaria, NEH, in campestribus siccis graminosis, 16.12.1937, ster.

9113 RGS, Ijuisinho p. Tupanciretan, NWH, in campestribus siccis dumosis, 30.1.1942, ster.

9447 RGS, ibidem, 30.1.1942, ster.

9464 RGS, Jari p. Tupanciretan, NWH, in siccis subdumosis, 27.1.1942, ster.

28254 RGS, Nonoai ad fl. Uruguay, NWU, in campestribus siccis dumosis, 3.1945, fl.

47975 RGS, S. Luiz, NWH, in campestribus subdumosis, 4.2.1949, fl., leg. A. Sehnem, SJ 3621.

53362 RGS, Caaró p. S. Luiz, NWH, in campestribus graminosis, 24.11.1952, fl.

58610 RGS, Estação de Silvicultura p. Sta. Maria, CL, in campestribus graminosis, 10.1.1956, fl., leg. O. Camargo 23.

59049 RGS, Pestana p. Ijuí, NWH, in campestribus siccis saxosis, 2.1.1954, fl., leg. J. Pivetta 1006.

60744 RGS, Passo Fundo, CH, in campestribus siccis, 4.19.57, ster. leg. P. Freddiani.

Habit: Low shrub, branched from the base, branches up to 40 cm high.

Habitat: Dry to very dry grassy Campos.

Distribution in RGS: Northwestern to central Highlands.

General distribution: RGS and Ur.

HESPEROZYGIS Epl.

Hesperozygis nitida (Benth.) Epl.

Fedde Repert. Beih. 85 (1936) 132; idem, Fedde Repert. 115 (1939) 12. — *Keithia nitida* Benth., DC. Prodr. 12 (1848) 247; Schmidt, FB 8,1 (1858) 172.

30526 SC, Serra da Pedra p. Araranguá, in rupestribus dumosis, 28.1.1943, fl., leg. R. Reitz 303, det. Serv. Florestal.

36718 RGS, Cambará p. S. Francisco de Paula, NEH, in rupestribus, 2.1948, fl., fr.

Habit: Small shrub, up to 50 cm high.

Habitat: Between boulders at the cloud forest.

Distribution in RGS: Easternmost rim of the northeastern highlands.

General distribution: From Minas Gerais to RGS.

HYPTIS Jacq.**Hyptis althaeifolia Pohl.**

ex Benth. Lab. Gen. Spec. (1833) 115; Schmidt, FB 8,1 (1858) 129;
Briquet, Ark. f. Bot. 2, n. 10 (1904) 6.

- 2042 RGS, Estação Azevedo p. Montenegro, NE, in paludosis alte dumosis, 24.4.1935, fl., fr.
 2799 RGS, Portão p. S. Leopoldo, NEL, in subpaludosis alte dumosis, 27.5.1936, fl.
 9405 RGS, Jarí p. Tupanciretan, NWH, in humidis dumosis, 26.1.1942, fl.
 10087 RGS, Ijuisinho p. Tupanciretan, in humidis dumosis, 30.1.1942, fl.
 11439 RGS, Caaró p. S. Luiz, NWH, in campestribus humidis dumosis, 1.1943, ster., leg. P. Buck SJ.
 25630 RGS, Fazenda Sta. Cecília p. S. Gabriel, SW, in paludosis alte herbosis, 1.1944, fl.
 28281 RGS, Nonoai, NWU, in campestribus dumosis, 3.1945, fl.
 33677 Paraná, Capão Alegrete p. C. Largo, ad silvulam campestrem, 4.3.1946, fl., leg. G. Hastebach, 226.
 41474 RGS, Estação Azevedo p. Montenegro, NEL, in paludosis dense herbosis, 6.5.1949, fl., det. Epling.
 47979 RGS, S. Luiz, NWH, in subpaludosis dumosis, 1.2.1949, fl., leg. A. Sehnem SJ 3615.
 50016 RGS, Palmeira NWH, in campestribus humidis, 12.2.1951, fl., det. Epling.
 50031 RGS, Soledade, CH, in paludosis alte dumosis, 13.2.1951, fl.
 58720 RGS, Estação de Silvicultura p. Sta. Maria, CL, 28.2.1956, fl., leg. O. Camargo 37.
 59131 RGS, Pestana p. Ijuí, NWH, in paludosis dumosis, 19.2.1953, fl., leg. J. Pivetta 975.
 60411 RGS, Estação de Silvicultura p. Sta. Maria, CL, in paludosis dumosis, 10.4.1956, ster., leg. O. Camargo 499.

Habit: Suffruticose, up to 1.5 m high.

Habitat: Densely vegetated swamps and very wet thickets.

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

General distribution: From Goiás and Minas Gerais to RGS.

Hyptis balansae Brip.

Bull. Soc. Bot. Genève 5 (1889) 113; Epling, Rev. Mus. La Plata, n. ser. secc. bot. 2 (1938) 168; idem, Brittonia 7 (1950) 141.

- 11509 RGS, Lagoa Vermelha, NEH, in paludosis dumosis, 1.1943, ster., leg. E. Friderichs SJ.
 25711 RGS, Fazenda Sta. Cecilia, SW, in paludosis dumosis, 1.1944, fl.
 28087 RGS, Vila Oliva p. Caxias, NEH, in paludosis dumosis, 2.1945, fl., leg. P. Buck SJ.
 30859 RGS, ibidem, 1.1.1946, fl., det. Epling.
 31391 RGS, ibidem, 2.1946, fl., leg. P. Buck SJ, det. Epling.
 41274 RGS, ad fl. Cai inferius p. P. Alegre, NEL, in humidis dumosis, 27.4.1949, fl.

- 41328 RGS, Morretes p. P. Alegre, NEL, in paludosis dumosis, 2.5.1949, fl.
 47961 RGS, Vila Oliva p. Caxias, NEH, in paludosis dumosis, 23.1. 1947, fl., leg. A. Sehnem SJ 2448.
 51409 RGS, Passo do Socorro p. Vacaria, NEH, in paludosis dumosis, 26.12.1951, fl.
 55002 RGS, Vila Oliva p. Caxias, NEH, in paludosis alte dumosis, 24. 2.1954, fl.
 56679 RGS, ibidem, 8.2.1955, fl.
 59107 RGS, Tupanciretan, NWH, in paludosis, 26.1.1954, fl., leg. J. Pivetta 919.

Habit: Herbaceous, erect, up to 1 m high.

Habitat: Wet to swampy, densely vegetated places.

Distribution in RGS: Swamps of the northern half of the State.

General distribution: Paraguay, Misiones, RGS.

Hyptis brevipes Poit.

Ann. Mus. Par. 7 (1806) 465; Schmidt, FB 8,1 (1858) 109; Herter, Flor. Urug. (1930) 106; Bornmüller, Rev. Sud. Bot. 2 (1935) 7; Epling, Rev. Mus. La Plata, n. ser. secc. bot. 2 (1938) 171.

46879 RGS, Viamão p. P. Alegre, NEL, in subpaludosis aperte dumosis, 17.4.1950, fl., det. Epling.

Habit: Herbaceous, erect, up to 40 cm high.

Habitat: Wet to swampy places.

Distribution in RGS: Apparently rare, but I confess that I am at a loss to distinguish it from *H. lappacea* Benth. which grows in the same places and has exactly the same habit.

General distribution: Paraguay, northeastern Argentina, RGS, Ur.

Hyptis fasciculata Benth.

Lab. Gen. Spec. (1833) 130; Schmidt, 8,1 (1858) 141; Herter, Flor. Urug. (1930) 106; Epling, Rev. Mus. La Plata, n. ser. secc. bot. 2 (1938) 153; Malme, Sv. Bot. Tidskr. 30 (1936) 25. (Sine var. distinctione).

716 RGS, sine loco, sine die, fl.

1295 RGS, S. Leopoldo, NEL, in humidis alte dumosis, 3.4.1935, fl., fr.

7809 RGS, ibidem, 1907, fl., fr., leg. F. Theissen SJ.

7853 RGS, Marcelino Ramos, NWU, ad flumen in dumosis, 16.2.1941, fl.

10184 RGS, Montserrat p. P. Alegre, NEL, in campestribus humidis dumosis, 1.3.1942, fl., fr., leg. K. Emrich.

11856 RGS, Caxias, NEH, in humidis dumosis, 1932, fl., leg. Irm. Augusto.

11918 RGS, Vila Manresa p. P. Alegre, NEL, in paludosis alte dumosis, 1943, fr.

25346 SC, Florianópolis, in incultis, 16.3.1945, fl., fr., leg. A. Rohr SJ.

25928 SC, ibidem, 11.3.1945, fl., leg. A. Rohr SJ.

28355 RGS, Nonoai, NWU, in humidis alte dumosis, 3.1945, fl.

28732 RGS, Caracol p. Canela, NEH, in humidis herbosis, 2.1945, fl., leg. K. Emrich.

28897 SC, Trindade p. Florianópolis, in humidis dumosis, 17.3.1945, fl., fr., leg. A. Rohr SJ.

31124 RGS, Vila Oliva p. Caxias, NEH, in paludosis alte dumosis, 8.1. 1946, fl.

- 31999 SC, Sombrio p. Araranguá, in humidis dumosis, 28.10.1944, fl., fr., leg. R. Reitz 844.
- 33715 Paraná, in paludosis dumosis, 7.4.1946, fl., leg. G. Hatschbach.
- 35130 RGS, Fazenda da Ronda p. Vacaria, NEH, in paludosis alte dumosis, 14.1.1947, fl., det. Epling.
- 40550 RGS, Sapucaia p. S. Leopoldo, NEL, in paludosis alte dumosis, 17.3.1949, fl., det. Epling.
- 40706 RGS, Cristal p. P. Alegre, NEL, in humidis dumosis, 31.3.1949, fl., fr., det. Epling.
- 40755 RGS, Sapucaia p. S. Leopoldo, NEL, in paludosis alte dumosis, 1.4.1949, fl., fr.
- 40869 RGS, Granja Neugebauer p. Itapoan, NEL, in humidis alte dumosis, 3.4.1949, fl., fr., det. Epling.
- 40881 RGS, ibidem, 3.4.1949, fl., fr.
- 41058 RGS, Morro Agudo p. P. Alegre, NEL, in humidis alte dumosis, 13.4.1949, fl., fr.
- 41088 RGS, ad fl. Gravataí inferius p. P. Alegre, NEL, in subpaludosis alte dumosis, 18.4.1949, fl., det. Epling.
- 41989 RGS, ibidem, 18.4.1949, fr.
- 41222 RGS, ad fl. Caiá inferius p. P. Alegre, NEL, in paludosis alte dumosis, 27.4.1949, fl., fr., det. Epling.
- 41375 RGS, Morretes p. P. Alegre, NEL, in paludosis alte dumosis, 2.5.1949, fl., fr.
- 45958 RGS, Lagoa dos Quadros p. Torres, NEC, in humidis alte graminosis, 21.2.1950, fl., fr.
- 46041 RGS, Vila Manresa p. P. Alegre, NEL, in humidis alte dumosis, 21.4.1950, fl., fr.
- 46217 RGS, Cristo Rei p. S. Leopoldo, NEL, in paludosis alte dumosis, 10.3.1950, fl., fr., det. Epling.
- 46356 RGS, ibidem, 17.3.1950, fl.
- 46538 RGS, Pareci p. Montenegro, NEL, in humidis alte dumosis, 31.3.1950, fl., fr.
- 46375 RGS, Gramado p. Canela, NEH, in paludosis alte cyperaceis, 20.3.1950, fl., fr.
- 46390 RGS, ibidem, 20.3.1950, fl.
- 46612 RGS, Barra do Ribeiro p. P. Alegre, NEL, in subpaludosis alte dumosis, 5.4.1950, fl. fr.
- 46880 RGS, Viamão p. P. Alegre, NEL, in humidis dumosis, 17.4.1950, fr.
- 46937 RGS, ad fl. Capivari p. Palmares, NEL, in subpaludosis, 24.4.1950, fl., fr., det. Epling.
- 47040 RGS, Lagoa da Pinguela p. Osório, NEC, in paludosis alte dumosis, 8.5.1950, fl., fr.
- 48551 RGS, Kappesberg p. Montenegro, NES, in humidis dumosis, 18.3.1949, fl., leg. A. Sehnem SJ 3726.
- 51901 RGS, Passo da Guarda p. Bom Jesus, NEH, in subhumidis dumosis, 15.1.1952, fl., fr.
- 56653 RGS, Vila Oliva p. Caxias, NEH, in humidis dumosis, 8.2.1955, fl.
- 59105 RGS, Pestana p. Ijuí, NWH, in humidis dumosis, 25.1.1954, fl., leg. J. Pivetta 994.
- 59106 RGS, ibidem, 17.9.1953, fl., leg. J. Pivetta 991.
- 59801 RGS, Farroupilha, NEH, in dumosis humidis, 25.3.1957, fl., leg. O. Camargo 1305.
- 60588 RGS, ibidem, 7.5.1957, fl., fr., leg. O. Camargo 1355.
- 63071 RGS, Pelotas, SEC, in dumosis humidis, 8.3.1956, fl., fr. leg. Schlichting.

63436 RGS, ibidem, 24.3.1958, fl., leg. J. Sacco 1065.

63462 SC, S. Joaquim, in dumosis, 10.1.1958, fl., leg. J. Mattos.

63511 SC, ibidem, 10.1.1958, fl., leg. J. Mattos.

Habit: Suffrutescent, vigorous, up to 2 m high.

Habitat: Wet to swampy, densely vegetated places.

Distribution in RGS: Through the whole of the swampy area of the State.

General distribution: From Bahia to Ur; from Paraguay and northern Argentina to B. Aires.

Hyptis floribunda Briq.

Ex Micheli in Mém. Soc. Phys. Hist. Nat. Genève 32, n. 10 (1897) 18;
Epling, Rev. Mus. La Plata, n. ser. secc. bot. 2 (1938) 153.

40931 RGS, ad montem das Cabras p. S. Leopoldo, NEL, in subhumidis dumosis, 8.9.1949, fl., fr., det. Epling.

48824 RGS, Granja Neugebauer p. Itapoan, NEL, in subpaludosis dumosos, 3.4.1949, fl., fr.

63946 RGS, Pelotas, SEC, in dumosis, 8.3.1956, fl., leg. J. Sacco 539.

Habit: Herbaceous, erect, up to 1,5 m high.

Habitat: Wet, densely vegetated places.

Distribution in RGS: All collections from the northeastern Lowlands.

General distribution: From Paraguay to AM and RGS.

Hyptis gaudichaudii Benth.

Linnea 6 (1931) 77; Schmidt, FB 8,1 (1858) 117.

1424 RGS, S. Leopoldo, NEL, in paludosis dumosis, 15.5.1934, fl.

7812 RGS, ibidem, 1907, fl., leg. F. Theissen SJ.

25218 RGS, ibidem, 1907, fl., leg. F. Theissen SJ.

25220 RGS, ibidem, 1907, fl., leg. F. Theissen SJ.

25858 RGS, Fazenda Sta. Cecilia p. S. Gabriel, SW, in paludosis alte dumosis, 1.1944, fl., fr.

28844 SC, Trindade p. Florianópolis, in humidis dumosis, 25.2.1945, fl., leg. A. Rohr SJ.

39365 RGS, Belém Novo p. P. Alegre, NEL, in paludosis alte dumosis, 31.12.1948, fl., det. Epling.

41113 RGS, Ilha da Pintada p. P. Alegre, NEL, in paludosis dumosis, 20.4.1949, fl.

41189 RGS, Ilha das Flores p. P. Alegre, NEL, in paludosis dumosis, 22.4.1949, fl.

41280 RGS, Morretes p. P. Alegre, NEL, in paludosis dumosis, 2.5.1949, fl., fr.

41327 RGS, ibidem, 2.5.1949, fl.

46913 RGS, ad fl. Capivari p. Palmares, NEL, in paludosis graminosis, 24.4.1950, fl.

46972 RGS, Osório, NEC, in arenosis humidis graminosis, 1.5.1950, fl.

60790 RGS, Pelotas, SEC, in humidis, 18.3.1957, fl., leg. J. Sacco 625.

63724 RGS, ibidem, 11.3.1958, fl., leg. J. Sacco 989.

Habit: Herbaceous, erect, up to 1 m high.

Habitat: Wet to swampy, more or less open places.

Distribution in RGS: Mainly NEL; SW.

General distribution: From Minas Gerais to RGS.

Hyptis lacustris St. Hil., Benth.

Lab. Gen. Spec. (1833) 107; Schmidt, FB 8,1 (1858) 85.

45194 RGS, Fazenda do Arroio p. Osório, NEC, in paludosis alte dumosis, 4.1.1950, fl., fr.

45895 RGS, Lagoa dos Quadros p. Torres, NEC, ad lacum in alte dumosis, 2.12.1950, fl., fr.

46117 RGS, Fazenda do Arroio p. Osório, NEC, in paludosis alte dumosis, 6.3.1950, fl., fr.

46830 RGS, ibidem, 14.4.1950, fl., fr.

49789 RGS, Lagoa dos Quadros p. Torres, NEC, in paludosis alte dumosis, 18.1.1951, fl., fr., det. Epling.

Habit: Suffrutescent, recumbent, up to 3 m high.**Habitat:** Swampy woodlets.**Distribution in RGS:** Northeastern coast strip only.**General distribution:** From S. Paulo to RGS.**Hyptis lappacea** Benth.

Lab. Gen. Spec. (1833) 103; Schmidt, FB 8,1 (1858) 111; Bornmüller, Rev. Sud. Bot. 2 (1935) 9; Epling, Rev. Mus. La Plata, n. ser. secc. Bot. 2 (1938) 169.

158 RGS, Vila Manresa p. P. Alegre, NEL, in paludosis, dumosis, 13.11.1931, fl.

7811 RGS, S. Leopoldo, NEL, in humidis dumosis, 1907, fl., leg. F. Theissen SJ.

9400 RGS, Jarí p. Tupanciretan, NWH, in subpaludosis dumosis, 26.1.1942, fl.

9556 RGS, Tupanciretan, NWH, in humidis dumosis, 28.1.1942, fl.

10157 RGS, Jarí p. Tupanciretan, NWH, in humidis dumosis, 26.1.1942, fl.

11489 RGS, Cérro Largo p. S. Luiz, NWH, in paludosis dumosis, 1.1943, fl., leg. P. Buck SJ.

25633 RGS, Fazenda Sta Cecília p. S. Gabriel, SW, in humidis dumosis, 1.1944, fl.

28623 RGS, Nonoai ad fl. Uruguay, NWU, in paludosis alte dumosis, 3.1945, fl.

31433 SC, Sombrio p. Araranguá, in humidis dumosis, 31.1.1946, fl.

33006 Pareci p. Montenegro, NEL, in humidis dumosis, 28.12.1945, fl., leg. E. Henz SJ.

33536 RGS, S. Leopoldo, NEL, in paludosis dumosis, 10.4.1946, fl., leg. E. Henz SJ.

38947 RGS, Granja Weber p. Itapoan, NEL, in humidis graminosis, 18.12.1948, fl.

39590 RGS, Cachoeirinha p. Gravataí, in humidis graminosis, 7.1.1949, fl.

40105 RGS, Vila Manresa p. P. Alegre, NEL, in paludosis alte graminosis, 22.1.1949, fl.

40484 RGS, ibidem, 14.3.1949, fl., det. Epling.

40597 RGS, Esteio p. S. Leopoldo, NEL, in paludosis dumosis, 23.3.1949, fl., fr.

40814 RGS, Granja Neugebauer p. Itapoan, NEL, in paludosis dumosis, 3.4.1949, det. Epling.

40873 RGS, ibidem, 3.4.1949, fl.

- 41473 RGS, Estação Azevedo p. Montenegro, NEL, in paludosis dumosis, 6.5.1949, fl., det. Epling.
- 46123 RGS, Fazenda do Arroio p. Osório, NEC, in arenosis humidis, 6.3.1950, fl.
- 46123 RGS, Fazenda do Arroio p. Osório, NEC, in arenosis humidis, 6.3.1950, fl.
- 46216 RGS, Cristo Rei p. S. Leopoldo, NEL, in paludosis dumosis, 10.3.1950, fl., det. Epling.
- 46730 RGS, Viamão p. P. Alegre, NEL, in paludosis dumosis, 10.4.1950, fl.
- 46802 RGS, Fazenda do Arroio p. Osório, NEC, in arenosis subpaludosis, 14.4.1950, fl., det. Epling.
- 46922 RGS, ad fl. Capivari p. Palmares, NEL, in subpaludosis dumosis, 24.4.1950, fl.
- 48617 RGS, Campestre p. Montenegro, NES, ad viam in dumosis humidis, 25.3.1947, fl., leg. A. Sehnem SJ.
- 50612 RGS, Kappesberg p. Montenegro, NES, in subpaludosis dumosis, 11.4.1950, fl., leg. A. Sehnem SJ.
- 54804 RGS, Torres, NEC, in arenosis humidis, 11.2.1954, fl.
- 59108 RGS, Pestana p. Ijuí, NWH, in paludosis, 25.1.1954, fl., leg. J. Pivetta 995.
- 59109 RGS ibidem, 20.12.1953, fl., leg. J. Pivetta 1002.
- 59198 RGS, Esteio p. S. Leopoldo, NEL, in paludosis alte graminosis, 29.1.1956, fl.
- 62939 RGS, Taquari, NEL, in humidis, 10.12.1957, fl., leg. O. Camargo.
- 63555 RGS, Fazenda do Arroio p. Osório, in humidis arenosis, 23.1.1958, fl.
- 63722 RGS, Pelotas, SEC, in humidis, 11.3.1958, fl., leg. J. Sacco 1004.

Habit: Herbaceus, erect, up to 50 cm high.

Habitat: Wet to swampy, vegetated places.

Distribution in RGS: Over the whole swampy area of the State.

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

Hyptis lappulacea Mart.

Ex Benth. Lab. Gen. Spec. (1833) 104; Schmidt, FB 8,1 (1858) 11. tab. 22; Herter, Flor. Urug. (1930) 106; Epling, Rev. Mus. La Plata, n. ser. secc. bot. 2 (1938) 168; Malme, Sv. Bot. Thridskr. 30 (1936) 25.

51746 RGS, Morro Grande p. Osório, NEC, in arenosis humidis, 10.1.1952, fl., det. Epling.

52066 RGS, Jaquirana p. S. Francisco de Paula, NEH, in paludosis dumosis, 20.2.1952, fl., fr., det. Epling.

Habit: The same as in *H. brevipes* Poit. and *H. lappacea* Mart., from which it may be not really different.

Habitat: Wet to swampy places.

Distribution in RGS: Sea coast and northeastern Highlands.

General distribution: From S. Paulo to Uruguay.

Hyptis lorentziana O. Hoffm.

Linnaea 58 (1880-2) 137; Epling, Rev. Mus. La Plata, n. ser. secc. bot. 2 (1938) 171.

40986 RGS, ad flumen Gravatai inferius, NEL, in humidis dumosis, 10.4.1949, fl., fr., det. Epling.

41250 RGS, ad fl. Caí inferius p. P. Alegre, NEL, in paludosis dumosis, 27.4.1949, fl., fr.

55149 SC, Brusque, in subpaludosis dumosis, 11.4.1950, fl., leg. R. Reitz 4929, det. L. B. Smith.

Habit: Herbaceous, erect, up to 1 m high.

Habitat: Wet to swampy places.

Distribution in RGS: NEL and NEC only.

General distribution: From Paraguay and South Brazil through AM to Ur.

Hyptis mollis Pohl

Ex Benth., Gen. Spec. Lab. (1833) 102; Schmidt, FB 8,1 (1858) 115.

2126 RGS, S. Leopoldo, NEL, in subpaludosis dumosis, 14.2.1935, fl.

9792 RGS, Tupanciretan, NWH, in paludosis alte dumosis, 28.1.1942, fl.

41471 RGS, Estação Azevedo p. Montenegro, NEL, in paludosis alte dumosis, 6.5.1949, fl., det. Epling.

42672 RGS, Portão p. S. Leopoldo, NEL, in paludosis alte dumosis, 20.7.1949, fl.

Habit: Woody, erect, up to 50 cm high.

Habitat: Wet to swampy, densely vegetated places.

Distribution in RGS: Findplaces in NEL and NWH.

General distribution: Minas Gerais and RGS.

Hyptis muelleri Briq.

Bull. Soc. Bot. Genève 5 (1889) 113; Epling, Rev. Mus. La Plata, n. ser. secc. bot. 2 (1938) 166.

3005 RGS, Caaró p. S. Luiz, NWH, in paludosis dumosis, 28.1.1938, fl.

7911 RGS, Sta. Maria, CL, in paludosis dumosis, 8.6.1939, fl., leg. W. Rau.

9551 RGS, Tupanciretan, NWH, in paludosis dumosis, 28.1.1942, fl.

9986 RGS, Ijuisinho p. Tupanciretan, NWH, in paludosis dumosis, 30.1.1942, fl. decisio.

11857 RGS, Caxias, NEH, in paludosis, 1932, fl., leg. Irm. Augusto.

35124 RGS, Fazenda da Ronda p. Vacaria, NEH, in paludosis dumosis, 14.1.1947, fl., det. Epling.

35736 RGS, Agua Azul p. Caxias, NEH, in paludosis alte dumosis, 3.1.1947, fl., leg. E. Henz SJ, det. Epling.

36238 RGS, Cambará p. S. Francisco de Paula, NEH, in paludosis alte dumosis, 2.1948, fl., det. Epling.

49529 SC, Lages, in paludosis alte dumosis, 10.1.1951, fl., det. Epling.

51013 SC, ibidem, 10.1.1951, fl., leg. A. Sehnem SJ 5459.

51627 RGS, Passo do Socorro p. Vacaria, NEH, in paludosis dumosis, 27.12.1951, fl.

56709 RGS, Vila Oliva p. Caxias, NEH, in humidis graminosis, 8.2.1955, fl.

58747 RGS, Estação de Silvicultura p. Sta. Maria, CL, in dumosis humidis, 1.3.1956, fl., leg. O. Camargo 87.

Habit: Herbaceous, erect, up to 1 m high.

Habitat: Swampy thickets.

Distribution in RGS: Swampy places all over the northern half of the State.

General distribution: Paraguay, Misiones, RGS.

Hyptis mutabilis (L. C. Rich.) Briq.

Bull. Herb. Boiss. 4 (1896) 788; idem, Ark. f. Bot. 2, n. 10 (1904); Herter, Flor. Urug. (1930) 106; Epling, Rev. Mus. La Plata, n. ser. secc. bot. 2 (1938) 157. — H. spicata Poit., Ann. Mus. Par. 7 (1806) 474, tab. 28, fig. 2; Schmidt, FB 8.1 (1858) 135; Bornmüller, Rev. Sud. Bot. 2 (1935) 7. — Nepeta mutabilis L. C. Rich., Act. Soc. Hist. Nat. Par. (1792) 110.

- 156 RGS, Morro Santana p. P. Alegre, NEL, in siccis dumosis, 19.1.1933.
 1427 SC, Itapiranga ad fl. Uruguay, ad viam in dumosis, 15.2.1934, fl., fr.
 3004 RGS, S. Borja, NWH, in campestribus siccis dumosis, 20.1.1938, fl.
 3888 RGS, Morro Vigia p. Livramento, SW, in campestribus siccis dumosis, 12.1.1941, fl.
 4191 RGS, Rio Caneleira p. Quaraí, SW, in campestribus siccis subdumosis, 14.1.1941, fl., fr.
 4682 RGS, Sto. Angelo, NWH, ad viam in tritis, 18.2.1941, fl., fr.
 6752 RGS, sine loco, sine die, fl., fr.
 7802 RGS, S. Leopoldo, NEL, in campestribus siccis dumosis, 1907, fl., fr., leg. F. Theissen SJ.
 7803 RGS, ibidem, 1907, leg. F. Theissen SJ.
 9609 RGS, Tupanciretan, NWH, in campestribus siccis graminosis, 28.1.1942, fl.
 9728 RGS, ibidem, ad viam, 29.1.1942, fl., fr.
 10097 RGS, Ijuisinho p. Tupanciretan, NWH, in dumosis ad viam, 30.1.1942, fl.
 11272 RGS, Cérro Largo p. S. Luiz, NWH, in dumosis, 1.1943, fl., leg. P. Buck SJ.
 11273 RGS, ibidem, 1.1943, fl., leg. P. Buck SJ.
 25216 RGS, S. Leopoldo, NEL, ad viam, 1907, fl., fr., leg. F. Theissen SJ.
 25296 RGS, ibidem, 1907, fl., fr., leg. F. Theissen SJ.
 26215 RGS, Fazenda do Jarau p. Quaraí, SW, in campestribus dumosis, 1.1945, fl., fr.
 26864 RGS, P. Alegre, NEL, ad viam, 1944, fl., leg. K. Emrich.
 27493 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 10.1944, fl., fr.
 28345 RGS, Nonoai, NWU, in campestribus siccis dumosis, 3.1945, fl.
 29437 RGS, Vila Manresa p. P. Alegre, NEL, in tritis, 15.11.1945, fl.
 30527 SC, Sombrio p. Araranguá, in incultis, 25.3.1944, fl., fr., leg. R. Reitz 1118.
 31411 SC, ibidem, 31.1.1946, fl., fr.
 33504 RGS, Pareci p. Montenegro, NEL, in campestribus siccis dumosis, 17.7.1946, fl., fr., leg. E. Henz SJ.
 33558 RGS, ibidem, 7.4.1946, fl., fr., leg. E. Henz SJ.
 39249 RGS, Morro do Sabiá p. P. Alegre, NEL, in siccis incultis, 28.12.1948, fl., fr.
 39566 RGS, Cachoeirinha p. Gravataí, NEL, in campestribus siccis graminosis, 7.1.1949, fl., det. Epling.
 39756 RGS, Pareci p. Montenegro, NEL, ad viam in siccis, 14.1.1949, fl.
 40549 RGS, Sapucaia p. S. Leopoldo, NEL, in arenosis siccis, 17.3.1949, fl., fr.
 40672 RGS, Vila Manresa p. P. Alegre, NEL, in siccis subduminosis, 26.3.1949, fr.

- 40715 RGS, Cristal p. P. Alegre, NEL, in arenosis siccis dumosis, 31.3.1949, fl., fr., det. Epling.
- 41112 RGS, Ilha da Pintada p. P. Alegre, NEL, in arenosis siccis subdumosis, 24.4.1949, fl., fr.
- 41242 RGS, ad. fl. Caí inferius p. P. Alegre, NEL, in incultis, 27.4.1949, fl., fr.
- 43649 RGS, Morro das Abertas p. P. Alegre, NEL, in siccis graminosis, 30.9.1949, fl., fr.
- 43704 RGS, Morro de Sta. Teresa p. P. Alegre, NEL, in siccis incultis, 3.10.1949, fl., fr.
- 45826 RGS, Morro da Policia p. P. Alegre, in campestribus siccis graminosis, 16.2.1950, fl.
- 45868 RGS, Lagoa dos Quadros p. Torres, NEC, in incultis siccis, 21.2.1950, fl., fr.
- 46056 RGS, Vila Manresa p. P. Alegre, NEL, in siccis tritis, 3.3.1950, fl., fr.
- 46326 RGS, Cristo Rei p. S. Leopoldo, NEL, in arenosis siccis subdumosis, 17.3.1950, fl., fr.
- 46509 RGS, Lagoa da Pinguela p. Osório, NEC, ad viam in tritis, 27.3.1950, fl., fr.
- 46567 RGS, Itapoan p. P. Alegre, NEL, in dumosis siccis, 3.4.1950, fr.
- 46687 RGS, Barra do Ribeiro p. P. Alegre, NEL, in campestribus siccis subdumosis, 5.4.1950, fl., fr.
- 46697 RGS, sine loco, sine die, fl., fr.
- 46700 RGS, Viamão p. P. Alegre, NEL, in siccis dumosis, 10.4.1950, fl., fr.
- 46867 RGS, Osório, NEC, in arenosis dumosis, 1.5.1950, fr.
- 48618 RGS, Kappesberg p. Montenegro, NES, in siccis dumosis ad viam, 25.3.1947, fl., fr., leg. A. Sehnem SJ 2691.
- 49809 SC, Itapiranga, ad fl. Uruguay, ad viam, 6.2.1951, fl., fr., det. Epling.
- 50006 RGS, Palmeira, NWH, in siccis tritis, 12.2.1951, fl., fr.
- 50244 RGS, Vila Manresa p. P. Alegre, NEL, in siccis, 26.3.1951, fl., fr.
- 50280 RGS, ibidem, ad viam in siccis, 7.6.1951, fl., fr.
- 50613 RGS, Kappesberg p. Montenegro, NES, ad viam ferream in dumosis, 11.4.1950, fl., fr., leg. A. Sehnem SJ.
- 51082 RGS, Tapera p. Carasinho, CH, in incultis, 26.3.1951, fl., fr., leg. A. Sehnem SJ 5683.
- 51950 RGS, Palmeira, NWH, ad viam in subhumidis, 30.1.1952, fl., det. Epling.
- 59128 RGS, Pestana p. Ijuí, NWH, in dumosis, 21.12.1953, fl., leg. J. Pivetta 987.
- 60737 RGS, Passo Fundo, CH, in dumosis, 4.1957, fl., fr., leg. P. Freddiani.
- 62872 RGS, P. Alegre, NEL, in dumosis, 8.2.1958, fl., leg. O. Camargo 3138.
- 63004 RGS, Pelotas, SEC, in siccis, 19.3.1956, fl., leg. Schlichting.
- 63372 RGS, ibidem, 15.3.1955, fl., leg. J. Sacco 296.
- 63777 RGS, ibidem, in tritis, 11.3.1958, fl., leg. J. Sacco 992.
- 63944 RGS, ibidem, ad viam, 8.3.1956, fl., leg. J. Sacco 531.

Habit: Herbaceous, erect, abundantly branched, up to 1 m high.

Habitat: Dry, more or less open Campos; very frequent on disturbed soil.

Distribution in RGS: Over the whole of the Campos and cultivated area; shows weedy tendencies.

General distribution: Through the whole of tropical and subtropical America.

Hyptis stricta Benth.

Lab. Gen. Spec. (1833) 79; Schmidt, FB 8,1 (1858) 84; Epling, Rev. Mus. La Plata n. ser. secc. bot. 2 (1938) 135.

- 28344 RGS, Nonai, NWU, in campestribus siccis dumosis, 3.1945, fl.
 40689 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis dumosis, 26.3.1949, fl., det. Epling.
 41050 RGS, Morro Agudo p. P. Alegre, NEL, in campestribus siccis dumosis, fl., fr., det. Epling.
 41541 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis dumosis, 14.5.1949, fl., fr.
 50234 RGS, ibidem, 26.3.1951, fl., fr.
 52099 RGS, Jaquirana p. S. Francisco de Paula, NEH, in campestribus graminosis, 20.2.1952, fl.
 54867 RGS, Vila Oliva p. Caxias, NEH, in campestribus dumosis, 24.2.1954, fl.
 55042 RGS, ibidem, 24.2.1954, fl.

Habit: Suffrutescent, erect, stiff, up to 1 m high.

Habitat: Dry, more or less shrubby Campos.

Distribution in RGS: Apparently widely scattered all over the Campos area.

General distribution: From Paraguay through Misiones to RGS and Ur.

Hyptis uliginosa St. Hil.

Ex Benth. Gen. Spec. Lab. (1833); Schmidt, FB 8,1 (1858) 85; Epling, Bull. Torr. Bot. Club 74 (1947) 518.

- 35620 RGS, Kappesberg p. Montenegro, NES, in paludosis, 2.1.1947, fl., leg. E. Henz SJ.
 36912 Paraná, Curitiba, in paludosis, 23.1.1947, fl., leg. G. Hatschbach 596.
 40179 RGS, Sta Rita p. Farroupilha, NEH, in paludosis dumosis, 27.1.1949, fl., det. Epling.
 45664 RGS, Sta Rita p. Farroupilha, NEH, in uliginosis graminosis, 7.2.1950, fl.

Habit: Small, herbaceous, prostrate to ascending, up to 30 cm long.

Habitat: Swampy places.

Distribution in RGS: All findsplaces from the northeastern Highlands.

General distribution: From S. Paulo to RGS.

HOEHNEA Epl.*Hoehnea parvula* (Epl.) Epl.

Fedde, Repert. 45 (1939) 9. — *Keithia parvula* Epling, Fedde, Repertorium, Beih. 85 (1936) 131.

- 45394 RGS, Serra da Rocinha p. Bom Jesus, NEH, in paludosis alte herbosis, 18.1.1950, fl.

50908 Paraná, Piraquara, in paludosis dumosis, 30.10.1949, fl., leg. G. Hatschbach 1551, det. Brade.

Habit: Prostrate to ascending, branches threadlike, up to 30 cm long.

Habitat: Peat bog.

Distribution in RGS: Northeasternmost Highlands only.

General distribution: Paraná to RGS.

Hoechnea scutellariooides (Benth.) Epl.

Fedde Report. 45 (1939) 9. — Keithia scutellariooides Benth., Lab. Gen. Spec. (1834) 410; Schmidt, FB 8,1 (1858) 172. — Hedeoma scutellariooides (Benth.) Briq., EP Nat. Pflzf. 4, 3a (1897) 294; Bornmüller, Rev. Sud. Bot. 2 (1935) 7.

28127 RGS, Nonoai, NWU, in paludosis alte dumosis, 3.1945, fl.

Habit: Herbaceous, erect or ascending, elegantly branched in its upper half, up to 50 cm high.

Habitat: Swamp.

Distribution in RGS: Northwestern Highlands only.

General distribution: From Minas Gerais to RGS.

LEONOTIS Pers.**Leonotis nepetifolia** R. Br.

Prodri. (1810) 504; Schmidt, FB 8,1 (1958) 200; Herter, Flor. Urug. (1930) 106; Epling, Rev. Mus. La Plata, n. ser. secc. bot. 2 (1938) 96; Epling and Toledo, Flora Brasilica 48 (1943) 42, tab. 9.

160 RGS, Lagoa dos Barros p. Osório, NEC, in humidis dumosis, 9.2.1933, fl.

25392 SC, Florianópolis, in incultis humidis, 16.3.1942, fl., leg. A. Rohr, SJ.

30529 SC, Sombrio p. Araranguá, in incultis humidis, 3.2.1946, fl., fr.

32647 RGS, Pareci p. Montenegro, NEL, in incultis humidis, 5.12.1945, fl., leg. E. Henz SJ.

40716 RGS, Cristal p. P. Alegre, NEL, in humidis incultis, 31.3.1949, fl.

41114 RGS, Ilha da Pintada p. P. Alegre, NEL, in paludosis dumosis, 20.4.1949, fl.

41465 RGS, Estação Azevedo p. Montenegro, NEL, in humidis dumosis ad viam ferream, 6.5.1949, fl.

43903 RGS, ad fl. Caí inferior p. P. Alegre, NEL, in humidis dumosis ad viam ferream, 12.10.1949, fl.

5066 RGS, Montenegro, NEL, in incultis humidis, 28.12.1949, fl., leg. A. Sehnem SJ, 4468.

61651 RGS, Taquarí, NEL, in incultis subpaludosis, 10.12.1957, fl., leg. O. Camargo 2782.

Habit: Herbaceous to suffrutescent, erect, up to 2 m high.

Habitat: Wet places, preferably near hog-pens.

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

General distribution: From Bahia to RGS, Ur., Paraguay and Argentine; native to tropical Asia and Africa; in RGS, perfectly naturalized.

LEONURUS L.**Leonurus sibiricus** L.

Spec. Plant. (1753) 584; Schmidt, FB 8,1 (1858) 195; Epling, Rev. Mus. La Plata, n. ser. secc. bot. 2 (1938) 96; Epling and Toledo, Flora Brasilica 48 (1947) 47, tab. 11.

- 1425 SC, Itapiranga ad fl. Uruguay, in agro, 15.2.1934, fl. fr.
 3790 RGS, Bohnental p. Caiá, in incultis, 4.1.1941, fl., fr.
 6547 RGS, Sta. Clara p. Lageado, NEL, in incultis, 18.11.1940, fl., fr.
 7804 RGS, S. Leopoldo, NEL, in ruderatis, 1907, fl., leg. F. Theissen SJ.
 11282 RGS, Lagoa Vermelha, NEH, in incultis, 1.1953, fl., leg. E. Friderichs SJ.
 11284 RGS, Marcelino Ramos, NWU, in incultis, 1.1943, fl., leg. E. Friderichs SJ.
 11286 RGS, Cérro Largo p. S. Luiz, NWH, ad viam, 1.1943, fl., fr., leg. P. Buck SJ.
 25311 RGS, NEL, in incultis, 1907, fl., leg. F. Theissen SJ.
 26613 RGS, Pareci p. Montenegro, NEL, in incultis, 1944, fl., leg. E. Henz SJ.
 26762 RGS, Cérro Largo p. S. Luiz, NWH, in incultis, 9.1944, fl., leg. E. Friderichs SJ.
 29684 RGS, Pareci p. Montenegro, NEL, in incultis, 26.9.1945, fl. fr., leg. E. Henz SJ.
 32001 SC, Curralinhos p. Torres, in agro, 28.10.1944, fl., fr., leg. R. Reitz 848.
 32079 SC, Praia Grande p. Araranguá, in ruderatis, 13.2.1946, fl., fr.
 33749 Paraná, in incultis, 28.8.1946, fl., fr., leg. G. Hatschbach.
 37515 RGS, Galópolis p. Caxias, NEH, 8.9.1946, fl.
 44053 RGS, Barreto Vianna p. S. Leopoldo, NEL, ad viam 24.10.1949, fl., fr.
 48638 RGS, Pareci p. Montenegro, NEL, in incultis, 3.10.1945, fl. fr., leg. A. Sehnem SJ 1520.
 49470 RGS, Mato Leitão p. Venâncio Aires, CS, in agro, 1.1.1951, fl. fr.
 49966 RGS, Pareci p. Montenegro, NEL, in incultis, 6.2.1951, fl., fr.
 57861 RGS, Pestana p. Ijuí, NWH, in incultis, 5.11.1953, fl., leg. J. Pivetta 1013.
 59401 RGS, Farroupilha, NEH, in incultis, 15.11.1956, fl., leg. O. Camargo 983.
 61496 RGS, Taquarí, NEL, in incultis, 14.12.1957, fl., leg. O. Camargo 2958.
 62110 RGS, Garibaldi, NEH, in incultis, 13.10.1957, fl., leg. O. Camargo 2016.

Habit: Herbaceous, up to 1 m high.

Habitat: Cultivated fields; disturbed soil in general.

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

General distribution: Native to Europe; perfectly naturalized in tropical to temperate America.

OCIMUM L.

Ocimum nudicaule Benth.

Lab. Gen. Spec. (1834) 14; Schmidt, FB 8,1 (1858) 72, tab. 14; Bornmüller, Rev. Sud. Bot. 2 (1935) 7; Epling, Rev. Mus. La Plata, n. ser. secc. bot. 2 (1938) 143.

- 28119 RGS, Nonoai, NWU, in campestribus siccis graminosis, 3.1945, fl.
 51962 RGS, Palmeira, NWU, in campestribus siccis graminosis, 30.1.1952, fl., det. Epling.

- 59053 RGS, Pestana p. Ijuí, NWH, in campestribus apertis siccis, 3.1.1954, fl., leg. J. Pivetta 1012.
 61291 RGS, ibidem, 16.2.1956, fr., leg. J. Pivetta 1156.

Habit: Herbaceous; leaves in rosette appressed to the soil; stem leafless.

Habitat: Very dry, more or less base soil.

Distribution in RGS: Northeastern Highlands only.

General distribution: Paraguay, Misiones, RGS.

Ocimum selloi Benth.

Lab. Gen. Spec. (1832) 6; Schmidt, FB 8,1 (1858) 72 (O. «sellowii»); Herter, Flor. Urug. (1930) 107; Epling, Rev. Mus. La Plata, n. ser. secc. bot. 2 (1958) 144. — Secundum Epling lc.c. O. carnosum Link et Otto est synonymum.

- 157 RGS, S. Leopoldo, NEL, ad silvam in umbrosis, 7.3.1933, fl.
 3678, RGS, Piedade p. Montenegro, NES, ad silvam in umbrosis, 23.12.1940, fr.
 3999 Uruguay, Cuñapiru p. Rivera, in campestribus alte dumosis, 12.1.1941, fl.
 4456 RGS, Fazenda Englert p. S. Francisco de Paula, NEH, ad araucarietum in umbrosis, 8.2.1941, fl.
 4519 RGS, ibidem, 8.2.1941, fl., fr.
 4701 RGS, Salto Mucunan, NWU, in silva riparia, 10.3.1941, fl.
 6589 RGS, Nova Petrópolis, NES, ad silvam in dumosis, 10.11.1941, fl.
 7801 RGS, S. Leopoldo, NEL, ad silvam campestrem in umbrosis, 1907, fl., fr., leg. F. Theissen SJ.
 8766 RGS, Bom Jesus, NEH, in silvula aperta, 15.1.1942, fl.
 11287 RGS, Cérro Largo p. S. Luiz, NWH, ad silvam in dumosis, 1.1943, fl., leg. P. Buck SJ.
 11594 RGS, Fazenda Englert p. S. Francisco de Paula, NEH, ad araucarietum in dumosis, 1.1944, fl., leg. P. Buck SJ.
 25217 RGS, S. Leopoldo, NEL, ad silvam, 1907, fl., leg. F. Theissen SJ.
 25807 RGS, Fazenda Sta. Cecilia p. S. Gabriel, SW, 1.1944, fl., fr.
 26199 RGS, Fazenda do Jarau p. Quaraí, SW, ad silvam campestrem, 1.1945, fl. deciso.
 28276 RGS, Nonoai, NWU, ad silvam in umbrosis, 3.1945, fl., fr.
 28947 RGS, Nova Petrópolis, NES, ad silvam in umbrosis, 1.1943, fl., fr.
 29216 RGS, Vila Manresa p. P. Alegre, NEL, ad silvam in umbrosis, 3.10.1945, fl., fr.
 29894 RGS, Kappesberg p. Montenegro, NES, ad silvam in umbrosis, 25.3.1945, fl., fr., leg. E. Friderichs SJ.
 30867 RGS, Vila Oliva p. Caxias, NEH, ad araucarietum, 1.1.1946, fl.
 31540 SC, Sombrio, p. Araranguá, ad silvam, 3.2.1946, fl.
 32522 RGS, Zimmersberg p. Montenegro, NEL, ad silvam, 17.10.1945, fl., leg. E. Henz SJ.
 32851 RGS, P. Alegre, NEL, ad silvulum campestrem, 11.1945, fl., fr., leg. K. Emrich.
 33125 Paraná, Morretes, ad silvam in dumosis, 16.2.1946, fl., leg. G. Hatschbach 195.
 33582 Uruguay, Rio Sta. Lucia p. Canelones, ad silvam campestrem, 1.1946, fl., fr., leg. et det. B. Rosengurtt PE-5572.
 35385 RGS, S. Leopoldo, NEL, ad silvam campestrem in umbrosis, 11.8.1946, fl., fr., leg. E. Henz SJ.
 36227 RGS, Cambará p. S. Francisco de Paula, NEH, ad araucarietum, 2.1948, fl., fr.

- 38290 RGS, Esteio p. S. Leopoldo, NEL, ad silvam campestrem in dumosis, 24.11.1948, fl., fr., det. Eppling.
- 38350 RGS, Sapucaia p. S. Leopoldo, NEL, in umbrosis, 29.11.1948, fl., fr.
- 38442 RGS, Vila Manresa p. P. Alegre, NEL, in silvula aperta, 1.12.1948, fl.
- 38854 RGS, S. Leopoldo, NEL, ad silvam, 17.12.1948, fl., fr.
- 40285 RGS, Sta. Rita p. Farroupilha, NEH, ad silvam, 28.1.1949, fr. deciso.
- 42510 RGS, ibidem, 13.7.1949, fr.
- 44088 RGS, Barreto Vianna p. S. Leopoldo, NEL, in umbrosis, 24.10.1949, fl.
- 44294 RGS, Esteio p. S. Leopoldo, NEL, in silvula campestri aperta, 8.11.1949, fl.
- 44695 RGS, Vila Oliva p. Caxias, NEH, ad araucarietum, 3.12.1949, fl.
- 44792 RGS, S. Francisco de Paula, NEH, in dumosis, 18.12.1949, fl., fr.
- 45645 RGS, ibidem, 31.1.1950, fl., fr.
- 46219 RGS, Cristo Rei p. S. Leopoldo, NEL, ad silvulam in umbrosis, 10.3.1950, fl., fr.
- 46281 RGS, S. Francisco de Paula, NEH, ad araucarietum, 13.3.1950, fl., fr.
- 46363 RGS, Gramado p. Canela, NEH, in araucarieto aperto, 20.3.1950, fl.
- 46506 RGS, Lagoa da Pinguela p. Osório, NEC, ad silvam 27.3.1950, fl.
- 46688 RGS, Viamão, p. P. Alegre, NEL, ad silvulam campestrem, 10.4.1950, fl.
- 47873 RGS, Campestre p. Montenegro, NES, ad rivum in dumosis, 15.10.1946, leg. A. Sehnem SJ 2299.
- 48818 RGS, Vila Manresa p. P. Alegre, NEL, ad silvam, 22.9.1950, fl.
- 49603 SC, Lages, ad araucarietum 10.1.1951, fl., fr.
- 49888 SC, Itapiranga ad fl. Uruguay, NWH, ad silvam primaevam, 6.2.1951, fl.
- 50611 RGS, Linha Bonita p. Montenegro, NES, ad viam in silva, 19.10.1949, fl., fr., leg. A. Sehnem SJ 3910.
- 51972 RGS, Jaquirana p. S. Francisco de Paula, NEH, in araucarieto aperto, 20.2.1952, fl.
- 53587 Paraná, Cascavel, in silva ad viam, 10.1.1953, fl.
- 54007 RGS, Taimbesinho p. S. Francisco de Paula, NEH, in araucarieto aperto, 20.2.1953, fl., fr.
- 54426 RGS, Vila Manresa p. P. Alegre, NEL, in umbrosis, 12.11.1953, fl.
- 54738 RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in umbrosis, 1.1.1954, fl.
- 54907 RGS, Vila Oliva p. Caxias, NEH, in silva campestri, 24.2.1954, fl.
- 57239 RGS, Esteio p. S. Leopoldo, NEL, in umbrosis, 11.11.1955, fl.
- 59423 RGS, Farroupilha, NEH, in umbrosis, 15.11.1956, fl., leg. O. Camargo 968.
- 59704 RGS, ibidem, 16.5.1956, fr., leg. O. Camargo 642.
- 60407 RGS, ibidem, 6.5.1956, fl., leg. O. Camargo 626.
- 61377 RGS, Pestana p. Ijuí, NWH, in dumosis, 10.2.1956, fl., leg. J. Pivetta 1180.
- 61660 RGS, Taquarí, NEL, in umbrosis, 10.12.1957, fr., leg. O. Camargo 2793.
- 61830 RGS, Garibaldi, NEH, in umbrosis, 29.10.1957, fr., leg. O. Camargo 2254.

62366 RGS, Montenegro, NEL, in umbrosis graminosis, 19.9.1957, fr. leg. O. Camargo 1735.

63499 SC, S. Joaquim, in umbrosis, 10.1.1958, fl., leg. J. Mattos.

Habit: Herbaceous, up to 50 cm high.

Habitat: Preferably at the edge of the forest, often in more or less pure standes.

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

General distribution: From northeastern and central Brazil down to AM, RGS and Ur.

Ocimum tweedianum Benth.

DC. Prodr. 12 (1848) 38; Schmidt, FB 8,1 (1848) 38; Epling, Rev. Mus. La Plata, n. ser. secc. bot. 2 (1938) 143.

9107 RGS, Jarí p. Tupanciretan, NWH, in campestribus siccis dumosis, 25.1.1942, fl., fr. decisus.

Habit: Herbaceous to suffrutescent, up to 30 cm high.

Habitat: Dry stony Campos.

Distribution in RGS: Northwestern Highlands only.

General distribution: Paraguay, AM, RGS, Ur.

PELTODON Pohl

Peltodon longipes St. Hil.

ex Benth. Lab. Gen. Spec. (1833) 63; Schmidt, FB 8,1 (1858) 76, tab. 15; Epling, Rev. Mus. La Plata, n. ser. secc. bot. 2 (1938) 172a.

154 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 16.10.1932, fl.

6784 SC, Lages, in campestribus siccis, 1935, fl., leg. A. Bruxel SJ.

7805 RGS, S. Leopoldo, NEL, in campestribus, 1907, fl. deciso, leg. F. Theissen SJ.

8471 RGS, Arroio dos Ratos p. S. Jerônimo, NEL, in campestribus siccis graminosis, 8.1.1942, fl.

9230 RGS, Jarí p. Tupanciretan, NWH, in campestribus siccis graminosis, 26.1.1942, fr.

9954 RGS, Ijuisinho p. Tupanciretan, NWH, in campestribus subdumosis siccis, 30.1.1942, fl., fr.

10057 RGS, ibidem, 30.1.1942, fl.

26665 RGS, Pareci p. Montenegro, NEL, in campestribus siccis dumosis, 1944, fl., fr., leg. E. Henz SJ.

28625 RGS, Nonoai, NWU, in campestribus siccis graminossi, 3.1945, fl.

32614 RGS, Pareci p. Montenegro, NEL, in campestribus siccis graminosis, 10.10.1945, fl., leg. E. Henz SJ.

38740 RGS, Rio dos Sinos p. S. Leopoldo, NEL, in campestribus arenosis graminosis, 10.12.1948, fl.

38819 RGS, Canceiaçao p. Cai, NEL, in siccis graminosis, 14.12.1948, fl.

39025 RGS, in summo monte Steinkopf p. S. Leopoldo, NEL, in rupestribus graminosis, 20.12.1948, fl.

39190 RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis dumosis, 27.12.1948, fl.

39517 RGS, Cachoeirinha p. Gravataí, NEL, in campestribus siccis graminosis, 7.1.1949, fl.

- 39663 RGS, Morro das Abertas p. P. Alegre, NEL, in siccis graminosis, 9.1.1949, fl.
- 40360 RGS, Montserrat p. P. Alegre, NEL, in campestribus siccis graminosis, 19.1.1949, fl., leg. K. Emrich.
- 40528 RGS, ibidem, 14.3.1949, fr., leg. K. Emrich.
- 43577 RGS, Portão p. S. Leopoldo, NEL, in campestribus saxosis dumosis, 23.9.1949, fl., det. Epling.
- 44129 RGS, Barreto Vianna p. S. Leopoldo, NEL, in campestribus siccis graminosis, 24.10.1949, fl.
- 48259 Paraná, Eng. Bley p. Lapa, in campestribus siccis graminosis, 26.9.1948, fl., leg. G. Hatschbach 1008.
- 49200 RGS, Esteio p. S. Leopoldo, NEL, in siccis graminosis, 20.11.1950, fl.
- 53005 RGS, Sto. Angelo, NWH, in campestribus graminosis, 17.11.1952, fl.
- 53392 RGS, Caaró p. S. Luiz, NWH, in campestribus graminosis, 24.11.1952, fl.
- 57497 RGS, Estação de Silvicultura p. Sta. Maria, CL, in campestribus graminosis, 15.11.1955, fl., leg. O. Camargo 27.
- 59117 RGS, Cruz Alta, NWH, in campestribus siccis graminosis, 3.1.1954, fl., leg. J. Pivetta 986.
- 60325 RGS, S. Bernardo p. Ijuí, NWH, in campestribus, 8.1.1957, fl.
- 61707 RGS, Taquari, NEL, in campestribus graminosis, 10.12.1957, fl., leg. O. Camargo 2866.
- 62721 RGS, P. Alegre, NEL, in campestribus siccis graminosis, 1.11.1957, fl., leg. O. Camargo 2397.
- 63804 RGS, Passo Fundo, CH, in campestribus siccis, 9.1949, fl., misit J. Sacco 96.
- 64254 SC, Lages, in campestribus siccis, 18.2.1958, fl., leg. J. Mattos.

Habit: Herbaceous to suffrutescent, ascending to erect, up to 50 cm high.

Habitat: Dry, more or less open Campos.

Distribution in RGS: Apparently over the whole of the Campos area, very frequent in NEL.

General distribution: From S. Paulo and Paraguay to RGS, Ur. and Misiones.

PRUNELLA L.

Prunella vulgaris L.

Spec. Plant. (1753) 600; Herter, Flor. Urug. (1930) 106; Epling and Toledo, Flora Brasilica 48 (1943) 37, tab. 8.

- 2231 RGS, Campestre p. Montenegro, NES, in dumosis humidis, 27.12.1935, fl.
- 3967 Uruguay, Cuñapiru p. Rivera, in humidis dumosis, 12.1.1941, fl.
- 6567 RGS, Nova Petrópolis, NES, ad araucarietum in humidis, 10.11.1940, fl.
- 8947 RGS, Bom Jesus, NEH, in silvula ad rivum, 15.1.1942, fl.
- 30528 SC, Serra da Pedra p. Araranguá, ad silvam in humidis dumosis, 30.12.1943, fl., leg. R. Reitz 1049.
- 30858 RGS, Vila Oliva p. Caxias, NEH, in araucarieto ad rivum, 1.1.1946, fl.
- 36233 RGS, Cambará p. S. Francisco de Paula, NEH, in humidis dumosis, 2.1948, fl., fr.
- 40330 RGS, Sta. Rita p. Farroupilha, NEH, in humidis dumosis, 29.1.1949, fl., fr.
- 42532 RGS, Sta. Rita p. Farroupilha, NEH, in humidis graminosis, 13.7.1949, fl., fr.

- 44889 RGS, S. Francisco de Paula, NEH, ad araucarietum in humidis graminosis, 18.12.1949, fl.
- 45056 RGS, Gramado p. Canela, NEH, in humidis graminosis, 26.12.1949, fl.
- 47791 RGS, Pinhal p. Montenegro, NES, ad viam ferream in humidis dumosis, 8.11.1949, fl., leg. A. Sehnem SJ 4022.
- 50196 RGS, Caracol p. Canela, NEH, ad viam in humidis, 19.1.1951, fl., fr.
- 56409 RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in in cultis humidis, 2.1.1955, fl.
- 56921 RGS, Caracol p. Canela, NEH, in humidis herbosis, 1.1955, fl., leg. K. Emrich.
- 59046 RGS, Silveira Martins, CS, in in cultis humidis, 19.11.1953, fl., leg. J. Pivetta 1003.
- 59433 RGS, Farroupilha, NEH, in humidis umbrosis, 15.11.1956, fl., leg. O. Camargo 926.
- 59760 RGS, ibidem, 21.5.1956, fl., leg. O. Camargo 682.
- 60643 RGS, ibidem, 8.5.1957, fl., leg. O. Camargo 1407.

Habit: Herbaceous, procumbent to ascending.

Habitat: Wet places, preferably along streams.

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

General distribution: All tropical to temperate countries; native to Europe; perfectly naturalized in Brazil, from Minas Gerais to RGS.

RHABDOCAULON Epl.

Rhabdocaulon erythrostachys Epl.

Fedde Repert. Beih. 115 (1939) 11; idem, Brittonia 7 (1950) 139.

- 9028 RGS, Bom Jesus, NEH, in paludosis alte dumosis, 16.1.1942, fl.
- 32412 RGS, Serra da Rocinha p. Bom Jesus, NEH, in subpaludosis dumosis, 28.2.1946, fl., det. Epling.
- 33657 Paraná, in paludosis alte dumosis, 3.3.1946, fl., fr., leg. G. Hatschbach.
- 35205 RGS, Serra da Rocinha p. Bom Jesus, NEH, in paludosis alte dumosis, 14.2.1947, fl.
- 51866 RGS, Passo da Guarda p. Bom Jesus, NEH, in paludosis alte dumosis, 14.1.1952, fl., det. Epling.
- 62889 RGS, Lageadinho p. Bom Jesus, NEH, in paludosis dumosis, 20.1.1958, fl., leg. O. Camargo 3121.

Habit: Suffrutescent, recumbent, densely branched, up to 1 m high.

Habitat: Densely vegetated swamps.

Distribution in RGS: Northeasternmost Highlands only.

General distribution: From Minas Gerais to RGS.

Rhabdocaulon gracilis (Benth.) Epl.

Repert. Beih. 115 (1939) 10. — Keithia gracilis Benth., Lab. Gen. Spec. (1833) 412; Schmidt, FB 8,1 (1858) 174.

- 162 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis saxosis graminosis, 18.3.1933, fl.
- 8709 RGS, Bom Jesus, NEH, in campestribus siccis graminosis, 15.1.1942, fl.

- 28909 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis saxosis, 23.5.1945, fl.
- 29210 RGS, ibidem, 3.10.1945, fl.
- 30047 RGS, ibidem, 1945, fl.
- 30122 RGS, Montserrat p. P. Alegre, NEL, in campestribus siccis graminosis, 12.6.1945, fl., leg. K. Emrich.
- 30860 RGS, Vila Oliva p. Caxias, NEH, in saxosis graminosis, 1.1.1946, fl.
- 32244 RGS, Azulega p. S. Francisco de Paula, NEH, in campestribus siccis graminosis, 15.2.1946, fl.
- 32281 RGS, Tainhas p. S. Francisco de Paula, NEH, in siccis graminosis, 16.2.1946, fl.
- 32360 RGS, ibidem, 17.2.1946, fl.
- 35131 RGS, Fazenda da Ronda p. Vacaria, NEH, in rupestribus siccis parce humosis, 14.1.1947, fl., fr.
- 36240 RGS, Cambará p. S. Francisco de Paula, NEH, in siccis graminosis, 2.1948, fl., fr.
- 40369 RGS, Vila Manresa p. P. Alegre, NEL, in saxosis siccis graminosis, 3.3.1949, fl.
- 41027 RGS, Morro Agudo p. P. Alegre, NEL, in campestribus siccis graminosis, 13.4.1949, fl.
- 52044 RGS, Jaquirana p. S. Francisco de Paula, NEH, in saxosis graminosis, 20.2.1952, fl.
- 52137 RGS, Morrinhos p. S. Francisco de Paula, NEH, in saxosis subnudis, 7.2.1952, fl.
- 54948 RGS, Vila Oliva p. Caxias, NEH, in campestribus graminosis, 24.2.1954, fl.
- 56557 RGS, Passo do Inferno p. Canela, NEH, in campestribus siccis graminosis, 9.1.1955, fl.
- 56711 RGS, Vila Oliva p. Caxias, NEH, in siccis graminosis, 8.2.1955, fl.
- 56896 Paraná, Palmeiras, in campestribus siccis graminosis, 2.1955, fl., leg. M. Frank.
- 64312 SC, Lages, in campestribus, 18.2.1958, fl., leg. J. Mattos.
- 64323 SC, Mantiqueira p. S. Joaquim, in graminosis siccis, 1.2.1958, fl., leg. J. Mattos.

Habit: Suffrutescent, erect, sparingly branched from a rootstock, up to 50 cm high; leaves reduced to small scales.

Habitat: Very dry, open, grassy Campos.

Distribution in RGS: All collections come from the northeastern Campos area.

General distribution: From Minas Gerais to RGS.

Rhabdocaulon strictus (Benth.) Epl.

Repert. Beih. 85 (1936) 137; idem, Rev. Mus. La Plata, n. ser. secc. bot. 2 (1938) 120; idem, Repert. Beih. 115 (1939) 11. — *Cunila stricta* Benth., Lab. Gen. Spec. (1833) 362; Schmidt, FB 8,1 (1858) 168.

25835 RGS, Fazenda Sta Cecília p. S. Gabriel, SW, in paludosis alte dumosis, 1.1944, fl.

Habit: Suffrutescent, upright, slender, up to 1 m high.

Habitat: Shrubby swamp.

Distribution in RGS: Southwestern plains only.

General distribution: AM, EGS, Ur.

SALVIA L.***Salvia cordata* Benth.**

Lab. Gen. Spec. (1833) 76; Schmidt, FB 8,1 (1858) 186; Epling et Toledo, Fl. Brasilica 48 (1943) 76.

9109 RGS, Jarí p. Tupanciretan, NWH, in campestribus siccis dumosis, 25.1.1942, ster.

9367 RGS, ibidem, 26.1.1942, ster.

9492 RGS, ibidem, 27.1.1942, fr.

Habit: Suffrutescent, up to 1 m high.

Habitat: Dry, more or less shrubby Campos.

Distribution in RGS: Northwestern Highlands only.

General distribution: RGS only.

***Salvia durifolia* Epling**

Fedde Repert. Beih. 85 (1935) 108; Epling et Toledo, Fl. Brasilica 48 (1943) 77.

10010 RGS, Ijuizinho p. Tupanciretan, NWH, in campestribus siccis subdumosis, 30.1.1942, fl.

Habit: Suffruticose, sparingly branched from a rootstock, branches erect, elegant, up to 50 cm high.

Habitat: Dry, more or less scrubby Campos.

Distribution in RGS: Northwestern Campos only.

General distribution: Paraguay, Misiones, RGS.

***Salvia guaranitica* St. Hil.**

Ex Benth. Lab. Gen. Spec. (1833) 268; Schmidt, FB 8,1 (1858) 194; Epling, Rev. Mus. La Plata, n. ser. secc. bot. 2 (1938) 116; Epling et Toledo, Fl. Brasilica 48 (1943) 94, tab. 42.

2170 RGS, Canela, NEH, in horto, 11.11.1935, fl., leg.?

6535 RGS, Sta Clara p. Lageado, 18.11.1940, fl.

11285 RGS, Cérro Largo p. S. Luiz, NWH, ad silvam in dumosis, 1.1943, fl., leg. P. Buck SJ.

25482 RGS, S. Leopoldo, culta?, 13.7.1943, fl., leg. R. Reitz.

25938 RGS, Cérro Largo p. S. Luiz, NWH, in dumosis humidis, 10.1944, fl., leg. E. Friderichs SJ.

25942 RGS, ibidem, 9.1944, fl., leg. E. Friderichs SJ.

29962 RGS, Kappesberg p. Montenegro, NES, in dumosis humidis, 30.3.1945, fl., leg. E. Friderichs SJ.

32790 RGS, Pareci p. Montenegro, NEL, in dumosis humidis, 29.10.1945, fl., leg. E. Henz SJ.

48581 RGS, Kappesberg p. Montenegro, NES, in dumosis ad rivum, 18.3.1949, fl., leg. A. Sehnem SJ 3721.

49544 SC, Lages, ad rivum in araucarieto, 10.1.1951, fl.

49846 SC, Itapiranga ad fl. Uruguay, in silva in rupestribus humidis, 6.2.1951, fl.

53071 RGS, Cérro Largo p. S. Luiz, NWH, in dumosis ad rivum, 20.11.1952, fl.

59050 RGS, Pestana p. Ijuí, NWH, ad silvam, 5.11.1953, fl., leg. J. Pivetta 1007.

Habit: Herbaceous to suffrutescent, abundantly branched, up to 1.5 m. high.
Habitat: Woodlets, edge and clearings of the rain forest, preferably in wet places.

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

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

Salvia lucida Briq.

Bull. Soc. Bot. Genève 5 (1889) 118; Epling, Rev. Mus. La Plata, n. ser. secc. bot. 2 (1938) 108; Epling et Toledo, Fl. Brasilica 48 (1943) 78.

3010 RGS, S. Borja, NWH, in campestribus siccis subdumosis, 20.1.1938, fl.

Habit: Suffrutescent, erect, sparingly branched from a woody rootstock, up to 1 m high.

Habitat: Dry, more or less shrubby Campo.

Distribution in RGS: Northwestern Campos only.

General distribution: Paraguay, Corrientes, RGS.

Salvia ovalifolia St. Hil.

Ex Benth. Lab. Gen. Spec. (1833) 267; Schmidt, FB 8,1 (1858) 184; Herter, Flor. Urug. (1930) 107; Epling, Rev. Mus. La Plata, n. ser. secc. bot. 2 (1938) 110; Epling et Toledo, Fl. Brasilica 48 (1943) 80.

11160 RGS, Lagoa Vermelha, NEH, in campestribus siccis graminosis, 1.1943, fl., leg. E. Friderichs SJ.

11270 RGS, Sto Angelo, NWH, in campestribus siccis graminosis, 1.1943, fl., leg. P. Buck SJ.

28104 RGS, Nonoai, NWU, in campestribus siccis graminosis, 3.1945, fl.

30187 Uruguay, Rio Negro p. Cerro Largo, in campestribus siccis graminosis, 15.1945, fl., leg. et det. B. Rosengurtt PE-5532.

30867 RGS, Vila Oliva p. Caxias, NEH, in campestribus siccis graminosis, 3.1.1946, fl.

32352 RGS, Vacaria, NEH, in campestribus siccis graminosis, 27.2.1946, fl.

53056 RGS, Soledade, CH, in campestribus saxosis graminosis, 15.11.1952, fl.

Habit: Suffrutescent, ascending to erect, sparingly branched from a rootstock, branches up to 40 cm high.

Habitat: Dry, grassy Campos.

Distribution in RGS: Campos area of the Highlands, especially in the Northwest.
General distribution: Minas Gerais to RGS; Paraguay through Misiones to Uruguay.

Salvia paranensis Dusén

Ark. f. Bot. 9, n. 15 (1910) 10; Epling et Toledo, Fl. Brasilica 48 (1943) 103, tab. 38.

34509 Paraná, Serrinha p. Lapa, in dumosis, 3.11.1946, fl., leg. Hatschbach 540.

49514 SC, Lages, ad rivum in araucarieto, 10.1.1951, fl.

50725 SC, Campo dos Padres p. Bom Retiro, in silvula campestri humida, 29.12.1948, fl., leg. R. Reitz 3762, det. Brade.

50945 SC, Lages, ad rivum in araucarieto, 10.1.1951, fl., leg. A. Sehnem SJ 5496.

- 61068 SC, Lages, in araucarieto, 25.12.1956, fl., leg. J. Mattos.
 61069 SC, ibidem, 25.12.1956, fl., leg. J. Mattos.
 64321 SC, S. Joaquim, in dumosis, 30.1.1958, fl., leg. J. Mattos.

Habit: Herbaceous to suffrutescent, erect, up to 1 m high.

Habitat: Along streams in open Araucaria forests.

Distribution in RGS: To be found on the northeasternmost Highlands.

General distribution: From S. Paulo to RGS.

Salvia procurrens Benth.

Lab. Gen. Spec. (1833) 266; Schmidt, FB 8,1 (1858) 183; Herter, Flor. Urug. (1930) 107; Epling, Rev. Mus. La Plata, n. ser. secc. bot. 2 (1938) 105; Epling et Toledo, Fl. Brasilica 48 (1943) 72.

- 151 RGS, Vila Manresa p. P. Alegre, NEL, in paludosis dumosis, 5.11.1931, fl.
 777 RGS, ibidem, 16.10.1933, fl.
 4017 Uruguay, Cuñapirú p. Rivera, in paludosis, 12.1.1941, fl.
 4029 Uruguay, Tres Fornos p. Rivera, in paludosis, 12.1.1941, fl.
 4507 RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in paludosis dumosis, 8.2.1941, fl.
 7800 RGS, S. Leopoldo, NEL, in paludosis, 1907, fl., leg. F. Theissen SJ.
 8862 RGS, Bom Jesus, NEH, ad rivum in silvula, 15.1.1942, fl.
 9150 RGS, Jarí p. Tupanciretan, NWH, in humidis dumosis, 26.1.1942, fl.
 9634 RGS, Tupanciretan, NWH, in dumosis paludosis, 28.1.1942, fl.
 11275 RGS, Sta Maria, CL, in humidis dumosis, 1943, fl., leg. A. Heider SJ.
 11279 RGS, Nova Petrópolis, NES, in humidis dumosis, 1.1943, fl.
 11633 RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in paludosis dumosis, 1.1944, fl., leg. P. Buck SJ.
 11861 RGS, Caxias, NEH in paludosis dumosis, 1932, fl., leg. Irm. Augusto.
 11996 RGS, Caracol p. Canela, NEH, in paludosis dumosis, 5.1.1941, fl., leg. K. Emrich.
 25295 RGS, S. Leopoldo, NEL, in paludosis dumosis, 1907, fl., leg. F. Theissen SJ.
 25738 RGS, Fazenda Sta. Cecília p. S. Gabriel, SW, in paludosis dumosis, 1.1944, fl.
 25870 RGS, ibidem, in paludosis dumosis, 1.1944, fl.
 25895 RGS, Nova Petrópolis p. Caí, NES, in paludosis dumosis, 1.1943, fl.
 27104 RGS, Vila Manresa p. P. Alegre, NEL, in paludosis dumosis, 10.1944, fl.
 28560 RGS, Nonoai ad fl. Uruguay, NWU, in paludosis, 3.1945, fl.
 30705 RGS, Kappesberg p. Montenegro, NES, in humidis dumosis, 19.10.1945, fl., leg. E. Friderichs SJ.
 30872 RGS, Vila Oliva p. Caxias, NEL, in paludosis dumosis, 1.1.1946, fl.
 32323 RGS, Tainhas p. S. Francisco de Paula, NEH, in humidis, 17.2.1946, fl.
 35128 RGS, Fazenda da Ronda p. Vacaria, NEH, in paludosis, 14.1.1947, fl.
 35343 RGS, S. Leopoldo, NEL, in paludosis, 10.9.1946, fl., leg. U. Müller SJ.
 35553 RGS, ibidem, 11.11.1946, fl., leg. E. Henz SJ.

- 35759 RGS, Agua Azul p. Caxias, NEH, in paludosis dumosis, 3.1.1947, fl., leg. E. Henz SJ.
- 36231 RGS, Cambará p. S. Francisco de Paula, NEH, in araucarieto subpaludoso, 2.1948, fl.
- 39298 RGS, Campo do Varejão p. Itapoan, NEL, in paludosis dumosis, 29.12.1948, fl.
- 49059 RGS, Esteio p. S. Leopoldo, NEL, in paludosis dense dumosis, 25.10.1950, fl.
- 49340 RGS, Taimbesinho p. S. Francisco de Paula, NEH, in paludosis alte dumosis, 18.12.1950, fl.
- 50981 RGS, ibidem, 18.12.1950, fl., leg. A. Sehnem SJ 5103.
- 51678 RGS, Passo do Socorro p. Vacaria, NEH, in paludosis dumosis, 28.12.1951, fl.
- 53251 RGS, Cérro Largo p. S. Luiz, NWH, in paludosis dumosis, 20.11.1952, fl.
- 54593 RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in graminosis humidis, 1.1.1954, fl.
- 54869 RGS, Vila Oliva p. Caxias, NEH, in campestribus subpaludosis, 24.2.1954, fl.
- 56609 RGS, ibidem, in humidis dumosis, 8.2.1955, fl.
- 57165 RGS, Esteio p. S. Leopoldo, NEL, in paludosis dumosis, 11.11.1955, fl.
- 59625 RGS, Farroupilha, in paludosis dumosis, 22.10.1956, fl., leg. O. Camargo 859.
- 60284 RGS, ibidem, 14.1.1957, fl., leg. O. Camargo 1121.
- 61112 SC, Lages, in paludosis dumosis, 25.12.1957, fl., leg. J. Mattos.
- 62654 RGS, Farroupilha, NEH, in humidis dumosis, 10.11.1957, fl., leg. O. Camargo 2490.
- 64021 RGS, Pelotas, SEC, in paludosis, 18.11.1955, fl., leg. J. Sacco 420.

Habit: Prostrate, rooting at the lower joints, branches up to 1 m and more long.

Habitat: More or less vegetated swamps.

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

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

Salvia regnelliana Briq.

Ark. f. Bot. 2, n. 10 (1904) 3, tab. 1 b; Epling et Toledo, Fl. Brasiliaca 48 (1943) 96, tab. 31.

- 2298 RGS, Campestre p. Montenegro, NES, in dumosis humidis, 27.12.1935, fl.
- 4437 RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in dumosis humidis, 8.2.1941, fl.
- 9684 RGS, Tupanciretan, NWH, ad rivum in silvula, 28.1.1942, fl.
- 11929 RGS, Caracol p. Canela, NEH, in dumosis humidis 5.2.1936, fl. leg. K. Emrich.
- 28715 RGS, ibidem, 2.1945, fl., leg. K. Emrich.
- 30583 RGS, ibidem, 29.1.1941, fl., leg. K. Emrich.
- 31257 RGS, Vila Oliva p. Caxias, NEH, in humidis dumosis, 21.2.1946, fl.
- 33311 RGS, Caracol p. Canela, NEH, in dumosis ad rivum, 15.2.1946, fl. leg. K. Emrich.
- 36230 RGS, Cambará p. S. Francisco de Paula, NEH, in araucarieto humido, 2.1948, fl.

- 40219 RGS, Sta. Rita p. Farroupilha, NEH, ad rivum, 27.1.1949, fl.
 40327 RGS, ibidem, 29.1.1949, fl.
 45791 RGS, Sta. Rita p. Farroupilha, NEH, ad rivum in sylvula secundaria, 7.2.1950, fl.
 48534 RGS, Campestre p. Montenegro, NES, in dumosis humidis, 14.4.1947, fl., leg. A. Sehnem SJ 3763.
 50213 RGS, Caracol p. Canela, NEH, in dumosis humidis apertis, 2.1915, fl., leg. K. Emrich.
 50480 RGS, Kappesberg p. Montenegro, NES, ad silvam in dumosis humidis, 11.4.1950, fl., leg. A. Sehnem SJ 4900.
 50482 RGS, Campestre p. Montenegro, NES, in dumosis subpaludosis, 3.5.1950, fl., leg. A. Sehnem SJ 4903.
 52860 RGS, Caracol p. Canela, NEH, in umbrosis dumosis, 26.1.1953, fl., leg. K. Emrich, det. Epling.
 56919 RGS, ibidem, 18.1.1955, fl., leg. K. Emrich.
 58681 RGS, Estação de Silvicultura p. Sta. Maria, CL, in umbrosis humidis, 28.2.1956, fl., leg. O. Camargo 54.
 59870 RGS, Farroupilha, NEH, in dumosis subpaludosis, 25.3.1957, fl., leg. O. Camargo 1199.
 60263 RGS, ibidem, 14.1.1957, fl., leg. O. Camargo 1094.
 63940 RGS, Pelotas, SEC, ad rivulum, 9.3.1956, fl., leg. J. Sacco 579.

Habit: Herbaceous, vigorous, abundantly branched, up to 1,5 m high.

Habitat: Wet to swampy thickets.

Distribution in RGS: Over the whole of the northern Highlands; also in the Southeast.

General distribution: From S. Paulo to RGS.

Salvia rosmarinoides St. Hil.

ex Lab. Gen. Spec. Lab. (1833) 269; Schmidt, FB 8,1 (1858) 187; Herter, Flor. Urug. (1930) 107; Epling, Rev. Mus. La Plata, n. ser. secc. bot. 2 (1938) 109; Epling et Toledo, Fl. Brasilica 48 (1943) 78, tab. 21.

- 2967 RGS, S. Borja, NWH, in campestribus siccis dumosis, 1942, fl., leg. F. Baglione.
 3012 RGS, Caaró p. S. Luiz, NWH, in campestribus siccis dumosis, 28.1.1938, fl.
 9988 RGS, ibidem, 30.1.1942, fl. deciso.
 10003 RGS, Ijuisinho p. Tupanciretan, NWH, in campestribus dumosis, 28.1.1942, fl.
 9946 RGS, ibidem, 30.1.1942, fl.
 11268 RGS, Caaró p. S. Luiz, NWH, in campestribus siccis graminosis, 1.1943, fl., leg. P. Buck SJ.
 34474 RGS, Cérro Largo p. S. Luiz, NWH, in campestribus siccis dumosis, 6.12.1946, fl., leg. Irm. Augusto.
 53423 RGS, Caaró p. S. Luiz, NWH, in campestribus dumosis, 24.11.1952, fl., fr., det. Epling.
 56881 Paraná, Palmeiras, in campestribus graminosis, 2.1955, fl., leg. M. Frank.

Habit: Suffrutescent, branched from a woody rootstock, branches erect, up to 50 cm high.

Habitat: Dry, more or less shrubby Campos.

Distribution in RGS: Northwestern Campos only.

General distribution: From Paraguay through Corrientes to Uruguay.

Salvia uliginosa Benth.

Lab. Gen. Spec. (1833) 251; Schmidt, FB 8,1 (1858) 180; Herter, Flor. Urug. (1930) 107; Epling, Rev. Mus. La Plata, n. ser. secc. bot. 2 (1938) 104; Epling et Toledo, Fl. Brasilica 48 (1943) 70.

32105 RGS, Serra do Fachinal p. S. Francisco de Paula, NEH, in rupestribus humidis dumosis, 14.2.1946, fl.

32375 RGS, Serra da Rocinha p. Bom Jesus, NEH, in silvula nebulari, 28.2.1946, fl.

36239 RGS, Cambará p. S. Francisco de Paula, NEL, in araucarieto húmido, 2.1948, fl., det. Epling.

41236 RGS, ad fl. Cai inferius p. P. Alegre, NEL, in paludosis alte dumosis, 27.4.1949, fl., det. Epling.

41335 RGS, Morretes p. P. Alegre, NEL, in paludosis alte dumosis, 2.5.1949, fl.

51960 RGS, Palmeira, NWH, in dumosis ad rivum, 30.1.1952, fl., det. Epling.

52001 RGS, Ana Rech p. Caxias, NEH, ad viam in dumosis, 21.2.1952, fl., det. Epling.

55191 SC, Serra da Rocinha p. Turvo, in dumosis, 27.2.1952, fl., leg. R. Reitz 4755, det. Pereira.

56825 RGS, Taimbesinho p. S. Francisco de Paula, NEH, in ipso bathero ad rivum, 16.2.1955, fl.

Habit: Suffruticose, up to 3 m high, flowers beautifully blue.

Habitat: Swampy thickets, sometimes on rather dry soil.

Distribution in RGS: Northeastern quadrant, Highlands and Lowlands.

General distribution: Minas Gerais to Uruguay and northeastern Argentina.

*SATUREIA L.**Satureia brownii* (Sw.) Briq.

In EP Nat. Fflzf. 4, 3a (1897) 300; idem, Rev. Mus. La Plata, n. ser. secc. bot. 2 (1938) 129. — Herter, Flor. Urug. (1930) 107 — Thymus brownii Swartz, Veg. Ind. Occ. (1788) 89. — Micromeria brownii Benth., Lab. Gen. Spec. (1834) 372; Schmidt, FB 8,1 (1858) 169, tab. 32, fig. 2.

57186 RGS, Sarandi p. Livramento, SW, in paludosis, 1955, ster., leg. Simões Pires.

Habit: Prostrate, herbaceous.

Habitat: Swampy places.

Distribution in RGS: Southwestern plains only.

General distribution: From Paraguay through Misiones to RGS and Ur.

Satureia vulgaris (L.) Fritsch.

Exkursionsflora Österreichs 477; Herter, Flor. Urug. (1930) 107. — Clinopodium vulgare L., Spec. Plant. (1753) 587.

153 RGS, Feliz, NES, ad viam in humidis, 7.3.1933, fl.

2271 RGS, Kappesberg p. Montenegro, NES, in humidis dumosis, 21.12.1935, fl.

3752 RGS, Feliz, NES, in paludosis dumosis, 4.1.1941, fl., fr.

- 25003 RGS, S. Leopoldo, NEL, in dumosis humidis, 1907, fl., leg. Fr. Theissen SJ.
- 28044 RGS, Vila Oliva p. Caxias, NEH, ad viam in paludosis, 2.1945, fl., fr., Leg. P. Buck SJ.
- 29929 RGS, Kappesberg p. Montenegro, NES, ad viam in incultis humidis dumosis, 5.5.1945, fl., fr., leg. E. Friderichs SJ.
- 30017 RGS, Caracol p. Canela, NEH, in dumosis humidis, 15.1.1941, fl., leg. K. Emrich.
- 31355 RGS, Vila Oliva p. Caxias, NEH, in humidis, 25.2.1946, fl. fr.
- 33319 RGS, Caracol p. Canela, NEH, in humidis ad rivum, 16.2.1946, fl.
- 35564 RGS, Kappesberg p. Montenegro, NEL, in humidis dumosis, 20.12.1946, fl., leg. E. Henz SJ.
- 35722 RGS, S. Leopoldo, NEL, ad viam in humidis herbosis, 20.11.1946, fl.
- 40183 RGS, Sta Rita p. Farroupilha, NEH, in humidis graminosis, 28.1.1949, fl., fr.
- 45055 RGS, Gramado p. Canela, NEH, in araucarieto humido, 26.12.1949, fl.
- 45696 RGS, Sta Rita p. Farroupilha, NEH, in humidis dumosis, 7.2.1950, fl., fr.
- 48081 RGS, Pinhal p. Montenegro; NES, in humidis dumosis, 15.11.1948, fl., leg. A. Sehnem SJ 3500.
- 48536 RGS, ibidem, 19.3.1949, fl., leg. A. Sehnem SJ 3743.
- 51101 RGS, Carlos Barbosa p. Garibaldi, NEH, ad viam in humidis humosis, 13.1.1951, fl., fr., leg. A. Sehnem SJ 5557.
- 51478 RGS, Passo do Socorro p. Vacaria, NEH, in humidis dumosis, 26.12.1951, det. Epling.
- 52857 RGS, Caracol p. Canela, NEL, ad viam in humidis, 22.1.1953, fl., leg. K. Emrich.
- 56779 RGS, Vila Oliva p. Caxias, NEH, in herbosis humidis, 8.2.1955, fl.
- 59684 RGS, Farroupilha, NEH, in humidis herbosis, 16.5.1956, fl., leg. O. Camargo 628.
- 59877 RGS, ibidem, 25.3.1957, fl., leg. O. Camargo 1188.
- 60282 RGS, ibidem, 14.1.1957, fl., leg. O. Camargo 1123.

Habit: Herbaceous, up to 50 cm high.

Habitat: Swampy ditches, wet places, sometimes on apparently undisturbed soil.

Distribution in RGS: Apparently over the whole of the State.

General distribution: Native to Europe, perfectly naturalized in RGS.

SCUTELLARIA L.

Scutellaria platensis Speg.

Com. Mus. Nac. B. Aires 1 (1901) 320; Epling, Rev. Mus. La Plata, n. ser. secc. bot. 2 (1938) 137.

53179 RGS, Cérro Largo p. S. Luiz, NWH, in paludosis herbosis, 20.11.1952, fl., fr.

Habit: Herbaceous, up to 30 cm high.

Habitat: Swampy places.

Distribution in RGS: Northwestern Highlands only.

General distribution: Northeastern Argentina, RGS, Ur.

Scutellaria racemosa Pers.

Syn. Plant. 2 (1807) 136; Epling, Rev. Mus. La Plata, n. ser. secc. bot. 2 (1938) 136; Epling et Toledo, Fl. Brasilica 48 (1943) 20, tab. 2. — Scutellaria rumicifolia Kunth in Humb. et Bonpl. Voy. Nov. Gen. Spec. 2 (1817) 324; Schmidt, FB 8,1 (1858) 203; Herter, Flor. Urug. (1930) 107.

- 311 RGS, Vila Manresa p. P. Alegre, NEL, in humidis, 2.11.1931, fl., fr.
 1189 RGS, Esteio p. S. Leopoldo, NEL, in silvula campestri aperta humida, 10.11.1931, fl., fr.
 2965 RGS, S. Borja, SW, in humidis dumosis, 1942, fl., fr., leg. Fr. Baglione.
 3787 RGS, Bohnental p. Caí, NES, in humidis graminosis, 4.1.1941, fl.
 4468 RGS, S. Leopoldo, NEL, in humidis graminosis, 1907, fl., fr., leg. F. Theissen SJ.
 4911 RGS, Sta Clara p. Lageado, NES, in humidis humosis, 18.11.1940, fl.
 6725 RGS, ibidem, 18.11.1940, fl., fr.
 8955 RGS, Bom Jesus, NEH, in humidis dumosis, 15.1.1942, fl., fr.
 9844 RGS, Tupanciretan, NWH, in humidis graminosis, 29.1.1942, fl., fr.
 11276 RGS, Sta Maria, CL, in humidis graminosis, 1943, fl., fr., leg. A. Heidler SJ.
 25818 RGS, Fazenda S. Cecilia p. S. Gabriel, SW, in paludosis dumosis, 1.1944, fl., fr.
 26463 RGS, Pareci p. Montenegro, NEL, in humidis graminosis, 1944, fl., fr., leg. E. Henz SJ.
 26981 RGS, Vila Manresa p. P. Alegre, NEL, in umbrosis humidis graminosis, 10.1944, fl., fr.
 28417 RGS, Nonoai, NWU, in agro humido, 3.1945, fl., fr.
 29085 RGS, Vila Manresa p. P. Alegre, NEL, in humidis graminosis, 12.9.1945, fl., fr.
 29705 RGS, Pareci p. Montenegro, NEL, in humidis graminosis, 14.9.1945, fl., fr., leg. E. Henz SJ.
 32654 RGS, ibidem, 17.10.1945, fl., fr., leg. E. Henz SJ.
 33204 RGS, Vila Oliva p. Caxias, NEH, in paludosis graminosis, 16.1.1946, fl.
 33485 RGS, S. Leopoldo, NEL, in humidis umbrosis, 25.7.1946, fl., fr., leg. E. Henz SJ.
 34291 RGS, Kappesberg p. Montenegro, NES, in humidis graminosis, 12.1947, fl., fr., leg. E. Friderichs SJ.
 35129 RGS, Fazenda da Ronda p. Vacaria, NEH, in paludosis dumosis, 14.1.1947, fl., fr.
 36242 RGS, Cambará p. S. Francisco de Paula, NEH, in paludosis dumosis, 2.1948, fr.
 36922 Paraná, Guabiruba p. Curitiba, in humidis graminosis, 11.1947, fl., fr., leg. G. Hatschbach 799.
 37726 RGS, Vila Manresa p. P. Alegre, NEL, in umbrosis humidis graminosis, 22.9.1948, fl., fr.
 38238 Sapucaia p. S. Leopoldo, NEL, in humidis dumosis, 22.11.1948, fl.
 38720 RGS, Rio dos Sinos p. S. Leopoldo, NEL, in paludosis dumosis, 10.12.1948, fl., fr.
 38736 RGS, ibidem, in paludosis alte graminosis, 10.12.1948, fl., fr.
 40150 RGS, Guaiba p. P. Alegre, NEL, in arenosis humidis, 24.1.1949, fl.

- 40267 RGS Sta Rita p. Farroupilha, NEH, in paludosis subdumosis, 28.1.1949, fl., fr.
- 42658 RGS, Portão p. S. Leopoldo, NEL, in humidis graminosis, 20.7.1949, fl., fr.
- 43272 RGS, Estação Azevedo p. Montenegro, NEL, in humidis graminosis, 5.7.1949, fl., fr.
- 44376 RGS, Fião p. S. Leopoldo, NEL, in paludosis dumosis, 14.11.1949, fl.
- 44687 RGS, Vila Oliva p. Caxias, NEH, in paludosis alte dumosis, 3.12.1949, fl., fr.
- 45803 RGS, Sta. Rita p. Farroupilha, NEH, in paludosis alte dumosis, 7.2.1950, fl., fr.
- 50529 RGS, Kappesberg p. Montenegro, NES, in humidis graminosis, 21.10.1949, fl., fr., leg. A. Sehnem SJ 3940.
- 51672 RGS, Passo do Socorro p. Vacaria, NEH, in humidis umbrosis, 28.12.1951, fl., fr., det. Epling.
- 53092 RGS, Cérro Largo p. S. Luiz, NWH, in humidis herbosis, 20.11.1952, fl., fr.
- 54660 RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in humidis herbosis, 1.1.1954, fl.
- 55974 RGS, Vila Manresa p. P. Alegre, NEL, in incultis, 19.11.1954, fl.
- 57091 RGS, ibidem, 15.10.1955, fl.
- 57153 Esteio p. Canoas, NEL, in humidis herbosis, 11.11.1955, fl., fr.
- 57164 Esteio p. S. Leopoldo, NEL, in humidis dumosis, 11.11.1955, fl.
- 59115 RGS, Pestana p. Ijuí, NWH, in paludosis, 30.8.1953, fl., leg. J. Pivetta 990.
- 59581 RGS, Farroupilha, NEH, in humidis graminosis, 26.9.1956, fl., fr., leg. O. Camargo 790.
- 59608 RGS, ibidem, 22.10.1956, fl., fr., leg. O. Camargo 823.
- 61277 RGS, Pelotas, SEC, in humidis, 27.11.1957, fl., fr., leg. J. Sacco 715.
- 61289 RGS, ibidem, 26.10.1957, fl., leg. J. Sacco 674.
- 63238 RGS, Uruguaiana, SW, in humidis, 1957, fl., fr., leg. A. Spies.
- 63251 RGS, ibidem, 1957, fl., leg. A. Spies.
- 63270 RGS, Pelotas, SEC, in humidis, 12.12.1957, fl., leg. J. Sacco 832.
- 53828 RGS, Passo Fundo, CH, in incultis, 9.1949, fl., misit J. Sacco 8.

Habit: Herbaceous, 10-50 cm high.

Habitat: Wet to swampy places.

Distribution in RGS: Very common through the whole of the area.

General distribution: Through the whole of South America down to Ur. and Central Argentina.

Scutellaria uliginosa St. Hil.

ex Benth., Lab. Gen. Spec. (1833) 427; Schmidt, FB 8,1 (1858) 202, tab. 38; Epling, Rev. Mus. La Plata, n. ser. secc. bot. 2 (1938) 137; Epling et Toledo, Fl. Brasilica 48 (1943) 22, tab. 4.

989 SC, Itapiranga ad fl. Uruguay, in silva humida, 17.2.1934, fl., fr.

34133 SC, ibidem, 1934, fl., fr.

49955 SC, ibidem, in secundariis, 6.2.1951, fl., det. Epling.

61233 SC, ibidem, ad silvam, 7.10.1957, fl.

Habit: Herbaceous, up to 30 cm high.

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

Distribution in RGS: All findplaces at the northwestern frontier.

General distribution: From Minas and Paraguay to RGS.

STACHYS L.

Stachys arvensis L.

Spec. Plant. 2 ed. (1763) 814; Schmidt, FB 8,1 (1858) 197; Herter, Flor. Urug. (1930) 107; Epling, Rev. Mus. La Plata, n. ser. secc. bot. 2 (1938) 94; Epling et Toledo, Fl. Brasilica 48 (1943) 52, tab. 13.

- 163 RGS, Vila Manresa p. P. Alegre, NEL, in incultis, 16.7.1932, fl.
 6783 SC, Florianópolis, in horto, 1935, fl., fr., leg. A. Bruxel SJ.
 6811 SC, Lages, ad viam, 1935, fl., fr., leg. A. Bruxel SJ.
 7808 RGS, S. Leopoldo, NEL, in agro, 1907, fl., leg. F. Theissen SJ.
 11277 RGS, Sta Maria, CL, in agro, fl., fr., leg. A. Heidler SJ.
 25941 RGS, Pareci p. Montenegro, NEL, in incultis, 1944, fl., fr., leg. E. Henz SJ.
 26865 RGS, P. Alegre, NEL, in ruderatis, 1943, fl., leg. K. Emrich.
 27254 RGS, Vila Manresa p. P. Alegre, NEL, in agro, 10.1944, fl., fr.
 27550 RGS, Pareci p. Montenegro, NEL, in agro, 1944, fl., leg. E. Henz SJ.
 28870 RGS, Vila Manresa p. P. Alegre, NEL, in agro, 15.8.1945, fl., fr.
 29900 RGS, Kappesberg p. Montenegro, NES, in incultis, 25.9.1945, fl., fr., leg. E. Friderichs SJ.
 30530 SC, Sombrio p. Araranguá, in incultis, 2.5.1944, fl., fr., leg. R. Reitz 1133.
 32613 RGS, Pareci p. Montenegro, NEL, in incultis, 10.10.1945, fl., fr.
 33483 RGS, S. Leopoldo, NEL, in agro, 25.7.1946, fl., fr., leg. E. Henz SJ.
 33498 RGS, ibidem, 17.7.1946, fl., leg. E. Henz SJ.
 34397 Paraná, Marumbí p. Morretes, ad viam, 1.9.1946, fl., fr., leg. G. Hatschbach 356.
 37441 RGS, sine loco, sine die, fl. fr.
 38049 RGS, Vila Manresa p. Alegre, NEL, in agro, 17.11.1948, fl., fr.
 40294 RGS, Sta Rita p. Farroupilha, NEH, in agro, 28.1.1949, fl., fr.
 41605 RGS, Ferrabraz p. Novo Hamburgo, NEL, in agro, 16.5.1949, fl.
 41989 RGS, Morro Santana p. P. Alegre, NEL, in agro, 15.6.1949, fl., fr.
 42324 RGS, Langschneis p. Montenegro, NES, in agro, 2.7.1949, fl., fr.
 42554 RGS, Sta Rita p. Farroupilha, NEH, in agro, 13.7.1949, fl., fr.
 47805 RGS, Kappesberg p. Montenegro, NEL, in agro inculto, 1.9.1949, fl., fr., leg. A. Sehnem SJ 3837.
 48481 RGS, ibidem, in agro, 5.9.1946, fl., fr., leg. A. Sehnem SJ 2069.
 48682 RGS, Vila Manresa p. P. Alegre, NEL, in incultis, 31.7.1950, fl.
 57323 RGS, ibidem, in incultis, 18.9.1955, fl., fr.
 59119 RGS, Pestana p. Ijuí, NWH, in incultis, 6.7.1953, fl., leg. J. Pivetta 988.
 60631 RGS, Farroupilha, NEH, in incultis, 7.5.1957, ster., leg. O. Camargo 1391.
 61446 RGS, Pelotas, SEC, in agro, 29.9.1957, fl., leg. J. Sacco 650.
 62337 RGS, Montenegro, NEL, in incultis, 19.9.1957, fl., leg. O. Camargo 1780.
 63427 RGS, Pelotas, SEC, in incultis, 14.4.1958, fl., leg. Oliveira.
 64239 SC, S. Joaquim, in incultis, 10.1.1958, fl., leg. J. Mattos.
 62284 SC, ibidem, 10.1.1958, fl., leg. J. Mattos.

Habit: Herbaceous, densely branched, up to 40 cm high.

Habitat: Cultivated or otherwise disturbed soil.

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

General distribution: Native to Europe; perfectly naturalized from Minas Gerais to B. Aires.

Stachys micheliana Briq.

in Micheli, Flora Parag. (1897) 7; Epling, Rev. Mus. La Plata, n. ser. secc. bot. 2 (1938) 95; Epling et Toledo, Fl. Brasilica 48 (1943) 53.

- 4022 Uruguay, Tres Fornos p. Rivera, in paludosis dumosis, 12.1.1941, fl.
 6749 RGS, Cambará p. S. Francisco de Paula, NEH, in paludosis alte herbosis, 6.2.1941, fl., fr.
 30651 RGS, Vila Manresa p. P. Alegre, NEL, in humidis dumosis, 27. 11.1945, fl., fr.
 33785 RGS, ibidem, 7.1946, fl., fr.
 36241 RGS, Cambará p. S. Francisco de Paula, NEH, in paludosis alte dumosis, 2.1948, fl., fr.
 45015 RGS, Gramado p. Canela, NEH, in incultis ad viam, 26.12.1949, fl.
 48171 RGS, Iraí, NWU, ad silvam in humidis, 11.1949, fl., fr., leg. K. Emrich.
 53157 RGS, Cérro Largo p. S. Luiz, NWH, in humidis herbosis, 20.11. 1952, fl., fr.

Habit: Herbaceous, weak, recumbent, up to 50 cm high.

Habitat: Densely vegetated wet to swampy places.

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

General distribution: Paraguay, northern Argentina, RGS, Ur.

TEUCRIUM L.*Teucrium laevigatum* Vahl.

Symb. 1 (1790) 40; Epling, Rev. Mus. La Plata, n. ser. secc. bot 2 (1938) 92; — T. cubense Jacq., Enum. Syst. Plant. Carib. (1760) 25; Schmidt, FB 8,1 (1858) 203 (T. cubense L.); Herter, Flor. Urug. (1930) 107. — T. cubense Jacq. ssp. *laevigatum* (Vanl) McClintock et Epl., Brittonia 5 (1946) 503.

- 3981 Uruguay, Cuñapirú p. Rivera, in paludosis alte dumosis, 12.1. 1941, fl., fr.
 4224 RGS, sine loco, sine die, fl., fr.
 25834 RGS, Fazenda Sta Cecília p. S. Gabriel, in campestribus graminosis subhumidis, 1.1944, fl.
 25835 RGS, ibidem, 1.1944, fl., fr.
 26198 RGS, Fazenda do Jarau p. Quaraí, in humidis dumosis, 1.1945, fl., fr.
 33080 Uruguay, Juan Jackson p. Soriano, in paludosis dumosis, 24.11. 1940, fl., leg. det. B. Rosengurtt PE-4522.
 53327 RGS, Caaró p. S. Luiz, NWH, in rupestribus humidis parce humosis, 24.11.1952, fl., fr.

Habit: Herbaceous to suffrutescent, erect or recumbent, up to 50 cm high.

Habitat: Wet to swampy, densely vegetated places.

Distribution in RGS: Western Campos area only.

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

Teucrium vesicarium Mill.

Gard. Dict. ed. 8 (1768) 204; Epling, Rev. Mus. La Plata, n. ser. secc. bot. 2 (1938) 93; idem, Brittonia 5 (1946) 492; Epling et Toledo, Fl. Brasilica 48 (1943) 15. — T. inflatum Swartz, Prodr. Veg. Ind. Occ. (1788) 88; Schmidt, FB 8,1 (1858) 204; Herter, Flor. Urug. (1930) 107.

161 RGS, Estação Pestana p. P. Alegre, in humidis herbosis, 17.11.1932, fl., fr.

11271 RGS, Cérro Largo p. S. Luis, in humidis dumosis, 1.1943, fl., fr., leg. P. Buck SJ.

25555 RGS, Fazenda Sta. Cecilia p. S. Gabriel, SW, in humidis subdumosis, 1.1944.

25833 RGS, ibidem, 1.1944, fl., fr.

25908 RGS, Pareci p. Montenegro, NEL, in humidis dumosis, 1944, fl., leg. E. Henz SJ.

38705 RGS, Rio dos Sinos p. S. Leopoldo, NEL, in humidis dumosis, 10.12.1948, fl., det. Epling.

31355 RGS, Vila Oliva p. Caxias, NEH, in paludosis dumosis, 24.2.1946, fl., fr.

41273 RGS, ad fl. Caí inferius, p. P. Alegre, NEL, in humidis herbosis, 27.4.1949, fr.

48014 RGS, Cérro Largo p. S. Luiz, NWH, in humidis herbosis, 26.12.1948, fl., fr., leg. A. Sehnem SJ 3535.

48644 RGS, Pareci p. Montenegro, NEL, in humidis dumosis, 28.11.1945, fl., leg. A. Sehnem SJ 1438.

50606 RGS, Montenegro, NEL, in subpaludosis dumosis, 28.12.1949, fl., fr., leg. A. Sehnem SJ 4458.

63420 RGS, Pelotas, SEC, in humidis, 24.3.1958, fl., leg. J. Sacco 1075.

Habit: Herbaceous, erect, up to 1 m high.

Habitat: Wet to swampy, densely vegetated places.

Distribution in RGS: Apparently over the whole area, but nowhere frequent.

General distribution: From Mexico down to RGS, Ur. and central Argentina.

SPECIES CITED FOR RGS

not present in the Herbarium Anchieta (14).

Cunila fasciculata Benth. — Schmidt, 1858.

Glechon thymoides Spreng. — Schmidt, 1858; Epling, 1939.

Hedeoma multiflorum Benth. — Schmidt, 1858; Epling, 1938, 1939.

Hedeoma polygalaeifolium Benth. — Epling, 1939.

Hoehnea epilobioides (Epl.) Epl. — Epling, 1939.

Hyptis sinuata Pohl — Bornmüller, 1935.

Hyptis tweedii Benth. — Schmidt, 1858.

Hyptis vestita Benth. — Schmidt, 1858; Bornmüller, 1935.

Peltodon radicans Pohl — Bornmüller, 1935.

Rhabdocaulon stenodontus (Briq.) Epl. — Epling, 1939.

Salvia brevipes Benth. — Epling et Toledo, 1943.

Salvia nervosa Benth. — Epling et Toledo, 1943.

Salvia pallida Benth. (*S. serrata*, *S. uruguayensis* St. Hil.) — Schmidt, 1858; Epling et Toledo, 1943.

Salvia subrotunda St. Hil. — Epling et Toledo, 1943.

CUTIVATED, ESCAPES (18).

- Ballota acetabulosa** (L.) Benth. — 11973, 50609.
Ajuga reptans L. — 6703.
Lavandula vera DC. — 36232.
Leonotis leonurus (L.) R. Br. — 58174.
Majorana hortensis L. — 52830.
Marrubium vulgare L. — 28395, 36131, 54894, 59048, 61077.
Melissa officinalis L. — 7838, 25441, 36054.
Mentha piperita L. — 2771, 6438, 26827, 28224, 36983, 59113, 61350.
Mentha rotundifolia (L.) Huds. — 61349.
Ocimum basilicum L. — 8323, 8334.
Origanum maru L. — 55967.
Origanum vulgare L. — 8342, 25530.
Rosmarinus officinalis L. — 1125, 1250, 27633.
Salvia officinalis L. — 8340, 34468.
Salvia splendens Sellow — 2051, 6707, 25214.
Teucrium fruticans L. — 27332, 29002, 33806.
Thymus vulgaris L. — 8337.

LITERATURE

with special reference to RGS.

- Bornmüller, A.**
 1935 Labiateae. *Florula Riograndensis*. — Rev. Sud. Bot. 2 (1935) 6-7.

Brade, A. C.

- 1943 Labiadadas novas do Brasil. — Rodriguesia 16 (1943) 23-33.
 1945 Contribuição para a conhecimento da flora dos parques nacionais de Itatiaia e Serra dos Orgãos. *Labiatae*. — Rodriguesia 19 (1945) 9-20

Brade, A. C., Pereira, A. Barbosa.

- 1946 Labiadadas novas do Brasil. II. — Rodriguesia 20 (1946) 83-88.

Briquet, J.

- 1896 *Labiatae americanæ Kuntzeanae*. — Bull. Herb. Boiss. 4 (1896) 785-808; 847-878.
 1897 *Labiatae*. — NP 4, 3a (1895) 181-380.
 1904 *Labiatae et Verbenaceæ Austro-Americanæ, ex itinere Regnelliano primo*. — Ark. f. Bot. 2, n. 10 (1904) 1-7.

Epling, C.

- 1937a The *Labiatae* of Bolivia. — Rev. Sud. Bot. 4 (1937) 21-53; 86-124.
 1937b The *Labiatae* of Chile. — Revista Universitaria, Univ. Cat. año 22, n. 1 (1937) 167-194.
 1938 Las *Labiadas* de la Argentina, Paraguay y Uruguay — Rev. Mus. La Plata, ser. n. secc. bot. 2 (1938) 89-178.
 1939a Notes on the *Scutellariae* of Western North America. — Madroño 5, n. 2 (1939) 49-72.
 1939b The distribution on the American *Labiatae*. — Proceed. sixth Pacif. Sci. Congr., 4 (1939) 573-575.
 1939c Apuntes sobre el género *Scutellaria*. — Lilloa 4 (1939) 229-275.
 1939d Las *Labiadas* del noroeste de la Argentina. — Lilloa 4 (1939) 389-446.
 1940a Distribución geográfica y parentesco de las *Labiadas* de la América de Sur. — Rev. Universitaria, Univ. Cat. de Chile, año 25, n. 3 (1940) 225-231.
 1940b Supplementary Notes on *Salvia*; *Audibertia*. — Ann. Miss. Bot. Gard. 27 (1940) 259-262.
 1940c Supplementary Notes on American *Labiatae*. — Bull. Torr. Bot. Club 67 (1940) 509-534.
 1941 Supplementary Notes...II. — Bull. Torr. Bot. Club 68 (1941) 552-568.
 1947 Supplementary Notes...IV. — Bull. Torr. Bot. Club 74 (1947) 512 518.
 1951 Supplementary Notes...V. — Brittonia 7 (1951) 129-142.

Epling, C., McClintock, E.

1946 A revision of *Teucrium* in the New World, with observations on its variation, geographical distribution and history. — *Brittonia* 5 (1946) 491-510.

Epling, C., Stuart, W. S.

1939 A revision of *Hedeoma*, with a review of allied genera. — *Fedde Rep. Beih.* 115 (1937) 1-49.

Epling, C., Toledo, J. F.

1943 Labiadas. *Teucrium-Salvia*. — *Fl. Brasilica* 48, 1-14 (1943) 107 p.

Herter, W.

1930 Labiateae. — *Flor. Urug.* (1930) 106-107.

Lindman, C.A.M.

1900 Vegetationen i Rio Grande do Sul. — Stockholm 1900.

Schmidt, J. A.

1858 Labiateae. — *FB* 8, 1 (1858) 65-226.

INDEX

<i>Cunila angustifolia</i> Benth.	6
<i>galiooides</i> Benth.	6
<i>incana</i> Benth.	7
<i>microcephala</i> Benth.	7
<i>platyphylla</i> Epl.	8
<i>spicata</i> Benth.	8
<i>Glechon ciliata</i> Benth.	9
<i>marifolia</i> Benth.	10
<i>spathulata</i> Benth.	12
<i>Hesperozygis nitida</i> (Benth.) Epl.	12
<i>Hoehnea parvula</i> (Epl.) Epl.	22
<i>scutellarioides</i> (Benth.) Epl.	23
<i>Hyptis althaeifolia</i> Pohl	13
<i>balansae</i> Briq.	13
<i>brevipes</i> Poit.	14
<i>fasciculata</i> Benth.	14
<i>floribunda</i> Briq.	16
<i>gaudichaudii</i> Benth.	16
<i>lacustris</i> St. Hil.	17
<i>lappacea</i> Benth.	17
<i>lappulacea</i> Mart.	18
<i>lorentziana</i> O. Hoff.	18
<i>mollis</i> Pohl	19
<i>muelleri</i> Briq.	19
<i>mutabilis</i> (L.) Briq.	20
<i>stricta</i> Benth.	22
<i>uliginosa</i> St. Hil.	22
<i>Leonotis nepetifolia</i> R.Br.	23
<i>Leonurus sibiricus</i> L.	23
<i>Ocimum nudicaule</i> Benth.	24
<i>selloi</i> Benth.	25
<i>tweedianum</i> Benth.	27
<i>Peltodon longipes</i> Pohl	27
<i>Prunella vulgaris</i> L.	28
<i>Rhabdocaulon erythrostachys</i> Epl.	29
<i>gracilis</i> (Benth.) Epl.	29
<i>strictus</i> (Benth.) Epl.	30
<i>Salvia cordata</i> Benth.	31
<i>durifolia</i> Epl.	31
<i>guaranitica</i> S. Hil.	31
<i>lucida</i> Briq.	32
<i>ovalifolia</i> St. Hil.	32
<i>paranensis</i> Dusén	32
<i>procurrens</i> Benth.	33
<i>regnelliana</i> Briq.	34
<i>rosmarinoides</i> St. Hil.	35
<i>uliginosa</i> Benth.	36

Satureia brownii (Swartz) Briq.	36
vulgaris (L.) Fritsch	36
Scutellaria platensis Speg.	37
racemosa Pers.	38
uliginosa St. Hil.	39
Stachys arvensis L.	40
micheliana Briq.	41
Teucrium laevigatum Vahl	41
vesicarium Mill.	42

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PUBLICAÇÕES DE BOTÂNICA

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