

PESQUISAS

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B. RAMBO, S. J.

CONVOLVULACEAE RIOGRANDENSES

Gráfica da Universidade do Rio Grande do Sul
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São Leopoldo — Praça João Pessoa, 35 — Rio Grande do Sul — BRASIL

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Convolvulaceae Riograndenses

B. Rambo SJ.

Resumo

As Convolvulaceae do extremo sul do Brasil, que até o momento eram muito pouco conhecidas, são aqui enumeradas com base na coleção particular do autor; 40 espécies em 8 gêneros figuram como colecionadas neste Estado.

Zusammenfassung

Vorliegende Arbeit ist ein erstmaliger Versuch, die bisher stark vernachlässigten Convolvulaceen des südlichsten Brasiliens in einer Gesamtschau zusammenzustellen; vorläufig konnten 40 Arten in 8 Gattungen ausgemacht werden.

Until 1948, the knowledge of the Riograndean Convolvulaceae was lying in an utterly poor condition. Meissner (FB, 1869-1871) has one only species as found in RGS; Lindman (1900), 5; Bornmüller (1935), 10; Malme (1937), 1. At the same time, Herter (1930) mentions 30 species for the neighboring Republic of Uruguay.

From 1948 on, the study on this Family in South America, notably in Argentina, gained a new and vigorous impulse by the publications of C.A. O'Donell at the Instituto Miguel Lillo, Tucumán. Not only did he revise the convolvulaceous flora of Argentina for a future monograph in the Genera et Species Plantarum Argentinorum, but also the neighboring countries were the subject of comprehensive preliminary surveys: Chile (1957) with 17 species; and Uruguay (1959), with 27.

Unfortunately, O'Donells premature death (1954), "infecto super opere", robbed us of a standard work which was well under way. It was not until 1959 that a fragmentary and unfinished paper on the Argentine Convolvulaceae received posthumous publication. It contains 75 species for Argentina, and mentions 10 for Rio Grande do Sul.

The Herbarium Anchieta (PACA, 1931-1961), among 449 collections of Convolvulaceae, contains 40 determined species in 8 genera, collected in RGS. For an easier orientation, I use the following abbreviations of geographical character:

- NEL — northeastern Lowlands: Campos, swampy plains, dry granite and sandstone hills, forests, woodlets, gallery.
- NEC — Northeastern sea coast: sand dunes, woodlets, swamps, dry Campos.
- NES — northeastern slopes of the Serra Geral (southern rim of the South Brazilian Highlands): subtropical rain forest.
- NEH — Northeastern Highlands: Campos, swamps, Araucaria forests.
- SEC — southeastern sea coast: sandy plains, swamps, gallery, woodlets, granite hills.
- 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 slopes 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, Entre-rios).

If not otherwise, collecting has been made by B. Rambo SJ and determining by K. Emrich and B. Rambo SJ. Nomenclature is that of O'Donell. Samples of nearly all species have been determined by this author.

In general, it must be confessed that the state of knowledge of this Family is in flux and very imperfect, and that nobody is more conscious of this sad condition of things than I myself; if I venture here to give publicity to my Herbarium, I do it for two reasons: First, most of my determinations will be of permanent value, and it would not be advisable to withhold them until final determination, which, in the present case, practically means "ad calendas graecas". Secondly, the greater part of the numbers cited are deposited in the Herbarium of the Instituto Miguel Lillo, Tucumán,

and all of them in my private Herbarium, where they can be checked.

In my opinion, a surveyor of the flora in poorly explored countries must have the civil courage even to commit involuntary mistakes in order that they may be recognized and sifted out, and truth may be furthered.

ANISEIA Choisy

Aniseia argentina (N. E. Brown) O'Donell

Lillo 23 (1950) 473, pl. 7. — *Ipomoea argentina* N. E. Brown, Trans. Bot. Soc. Edinb. 20 (1893) 62. — *Aniseia cernua* Moric., var. *ambigua* Meissn., FB 7 (1869) 319.

41336 RGS, Morretes p. P. Alegre, NEL, in dumosis humidis scandens, 2.5.1949, fl., fr., det. O'Donell.

Habit: Climber.

Habitat: Swampy thicket.

Distribution in RGS: No other findplace.

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

Aniseia cernua Moric.

Pl. nouv. Americ. (1838) 56, tab. 38; Meissner, FB 7 (1869) 319, tab. 115, fig. 1; Herter, Flor. Urug. (1930) 102.

25637 RGS, Fazenda Sta. Cecilia p. S. Gabriel, SW, in dumosis humidis scandens, 1.1944, fr.

25714 RGS, ibidem, 1.1944, fl.

Habit: Vine

Habitat: Wet thickets.

Distribution in RGS: No other findplace.

General distribution: From Pará to Ur.

CONVOLVULUS L.

Convolvulus bonariensis Cav.

Ic. et Descr. Plant. 5 (1799) 54, tab. 480, fig. 2; O'Donell, Lilloa 29 (1959) 269, fig. 44; Herter, Flor. Urug. (1930) 102.

2893 RGS, S. Borja, NWH, in campestribus siccis dumosis prostrata, 21.1.1938, fr.

6750 RGS, Barra do Quarai p. Uruguiana, SW, in dumosis scandens, 15.1.1941, fl., fr.

Habit: Prostrate or climbing.

Habitat: Dry, scrubby places.

Distribution in RGS: Westernmost Campos area only.

General distribution: From northern Argentina to Patagonia, Ur, southwestern RGS.

Convolvulus crenatifolius Ruiz et Pav.

- FL. Per. et Chil. 2 (1799) 10, tab. 118, fig. a; O'Donell, Lilloa 29 (1959) 275, 370. — C. ottonis Meissn., FB 7 (1869) 311, tab. 113; Herter, Flor. Urug. (1930) 102. C. montevidensis Spreng., Syst. 1 (1825) 604; Meissner, FB 7 (1869) 312; Herter, Flor. Urug. (1930) 102.
- 74 RGS, Vila Manresa p. P. Alegre, NEL, in dumosis, 3.11.1932, fl.
 1488 RGS, sine loco, sine die, fl.
 2498 RGS, Vila Manresa p. P. Alegre, NEL, in dumosis, 16.8.1942, fl.
 3961 Uruguay, Cuñapirú p. Rivera, in dumosis, 12.1.1941, fl.
 4023 Uruguay, ibidem, 12.1.1941, fl.
 4391 RGS, Taimbesinho p. S. Francisco de Paula, NEH, in dumosis, 7.2.1941, fl.
 7863 RGS, S. Leopoldo, NEL, in dumosis, 1907, fl., leg. F. Theissen SJ.
 8951 RGS, Rio dos Touros p. Bom Jesus, NEH, in dumosis, 13.1.1942, fr.
 11871 RGS, Vila Manresa p. P. Alegre, NEL, in dumosis, 1943, fl.
 25223 RGS, S. Leopoldo, NEL, in dumosis, 1907, fl., leg. F. Theissen SJ.
 25639 RGS, Fazenda Sta. Cecília, p. S. Gabriel, SW, in dumosis, 1.1944, fr.
 26068 RGS, Fazenda do Jaraú p. Quarai, SW, 1.1945, ster.
 26754 RGS, Cérro Largo p. S. Luiz, NW, in dumosis, 9.1944, fl., leg. E. Friderichs SJ.
 26847 RGS, Montserrat p. P. Alegre, NEL, in dumosis, 3.1944, fl., leg. K. Emrich.
 27003 RGS, Morro da Policia p. P. Alegre, NEL, in dumosis, 10.1944, fl.
 27564 RGS, Pareci p. Montenégro, NEL, in dumosis scandens, 1944, fr., leg. E. Henz SJ.
 29312 RGS, Vila Manresa p. P. Alegre, NEL, in dumosis, 16.10.1945, fl., fr.
 29656 RGS, Pareci p. Montenegro, NEL, in silvula, 15.9.1945, fl., leg. E. Henz SJ.
 31041 RGS, Vila Oliva p. Caxias, NEH, in dumosis, 4.1.1946, fl., fr.
 32468 RGS, Serra da Rocinha p. Bom Jesus, NEH, in dumosis, 28.2.1946, fl.
 32656 RGS, Pareci p. Montenegro, NEL, in dumosis, 25.11.1945, fl., leg. E. Henz SJ.
 32751 RGS, ibidem, 31.10.1945, fl., leg. E. Henz SJ.
 34345 RGS, Cérro Largo p. S. Luiz, NWH, in dumosis, 31.10.1946, fl., leg. Irm. Augusto.
 34976 RGS, Fazenda da Ronda p. Vacaria, NEH, in dumosis, 8.1.1947, fl.
 35364 RGS, Dois Irmãos p. Novo Hamburgo, NES, in dumosis scandens, 2.10.1946, fl., leg. E. Henz SJ, det. O'Donell.
 36075 RGS, Campinas p. Sta. Rosa, NWH, in dumosis, 1.1950, fl., leg. A. Spies.
 36365 RGS, Cambará p. S. Francisco de Paula, NEH, in dumosis scandens, 2.1948, fl.
 36367 RGS, ibidem, in dumosis subpaludosis scandens, 2.1948, det. O'Donell (flore roseo!).
 38080 RGS, Vila Manresa p. P. Alegre, NEL, ad silvam, 17.11.1948, fl.
 38580 RGS, ad montem das Cabras p. S. Leopoldo, NEL, in dumosis scandens, 7.12.1948, fl.
 38685 RGS, Rio dos Sinos p. S. Leopoldo, NEL, in dumosis, 10.12.1948, fl.

- 38703 RGS, ibidem, 10.12.1948, fl.
- 38891 RGS, S. Leopoldo, NEL, in dumosis, 17.12.1948, fl., fr.
- 43634 RGS, Morro da Policia p. P. Alegre, NEL, in dumosis, 28.9.1949, fl.
- 44203 RGS, Morro Santana p. P. Alegre, NEL, in dumosis, 2.11.1949, fl.
- 44435 RGS, Granja Neugebauer p. Itapoan, NEL, in dumosis, 19.11.1949, fl.
- 44995 RGS, Gramado p. Canela, NEH, in dumosis, 26.2.1949, fl., fr.
- 46087 RGS, Vila Manresa p. P. Alegre, NEL, in dumosis, 3.1.1950, fl.
- 48510 RGS, Montenegro, NEL, ad viam in dumosis, 18.11.1945, fl., leg. A. Sehnem SJ 1649.
- 48847 RGS, Granja Neugebauer p. Itapoan, NEL, in dumosis, 25.9.1950, fl.
- 51096 RGS, Boa Vista p. Sta. Cruz, CS, in dumosis scandens, 12.12.1950, fr., leg. A. Sehnem SJ 5088.
- 51605 RGS, Passo do Socorro p. Vacaria, NEH, in dumosis, 27.12.1951, fr.
- 56603 RGS, Vila Oliva p. Caxias, NEH, in dumosis, 8.2.1955, fl., fr.
- 57099 RGS, Esteio p. S. Leopoldo, NEL, in dumosis, 14.11.1955, fl., fr.
- 57699 RGS, Pestana p. Ijuí, in dumosis, 8.10.1953, fl., fr., leg. J. Pivetta 712.
- 59663 RGS, Farroupilha, NEH, in dumosis, 26.10.1956, fl., fr. leg. O. Camargo 890.
- 60131 SC, Campo dos Padres p. Bom Retiro, in dumosis, 23.1.1957, fl., fr.
- 60247 RGS, Farroupilha, NEH, in dumosis, 14.1.1957, fl., fr., leg. O. Camargo 1110.
- 60458 RGS, Estação de Silvicultura p. Sta. Maria, CL, in dumosis, 10.4.1956, fl., fr., leg. O. Camargo 504.
- 60515 RGS, Pelotas, SEC, in dumosis, 30.1.1954, fl., fr., leg. J. Sacco.
- 60621 RGS, Farroupilha, NEH, in dumosis, 7.5.1957, fl., leg. O. Camargo 1347.
- 61007 SC, Lages, in dumosis, 25.12.1956, fr., leg. J. Mattos.
- 62504 RGS, Bento Gonçalves, NEH, in dumosis, 23.10.1957, fl., fr. leg. O. Camargo 2154.
- 62710 RGS, P. Alegre, NEL, in dumosis, 2.11.1957, fl., fr., leg. O. Camargo 2364.
- 63815 RGS, Passo Fundo, CH, in dumosis, 1.1949, fl., misit J. Sacco 47.
- 64022 RGS, Pelotas, SEC, in dumosis, 15.3.1955, fl., leg. J. Sacco 295.

Habit: Suffrutescent vine; leaves and indument very variable; in my opinion, *C. hermanniae* L'Hérit. (*C. incanus* Vahl) and *C. bonariensis* Cav. are not really different.

Habitat: Dry, shrubby Campos, edge of the forest, secondary growth.

Distribution in RGS: Extremely common all over the area.

General distribution: From Peru, Bolivia and central Brazil to Ur and central Argentina.

Convolvulus hermanniae L'Hérit.

Stirp. nov. aut minus cogn., fasc. 7 (1785) 167, tab. 33; Herter, Flor. Urug. (1930) 102; O'Donell, Lilloa 29 (1959) 283, 372. — *C. hermanniae* L'Hérit., var. *viridis* Meissner, FB 7 (1869) 132. — *C. incanus* Vahl, Symb. Bot. 3 (1794) 23; Meissner, FB 7 (1869) 311.

25597 RGS, Fazenda Sta. Cecília p. S. Gabriel, SW, in dumosis, 1.1944, fl., fr.

27991 Uruguay, Juan Jackson p. Soriano, in dumosis scandens, 2.1944, fl., fr., leg. et det. B. Rosengurtt.

Habit: Suffrutescent vine.

Habitat: Shrubby Campos.

Distribution in RGS: Southwestern plains only.

General distribution: From Peru and Bolivia to central Argentina, Ur and RGS.

Convolvulus laciniatus Desr.

Lam. Encycl. Méthod. 3 (1789); Meissner, FB 7 (1869) 314; Herter, Flor. Urug. (1930) 102; O'Donell, Lilloa 29 (1959) 289, 374.

3903 RGS, Morro Vigia p. Livramento, SW, in campestribus siccis sub-dumosis, 12.1.1941, fl.

4113 RGS, Rio Mancarrão p. Quarai, SW, in campestribus saxosis graminosis, 14.1.1941, fl.

26127 RGS, Fazenda do Jarau p. Quarai, SW, in campéstribus siccis graminosis, 1.1945, fl.

Habit: Sparingly branched from a stout root, branches slender, upright or ascending, densely covered with leaves, up to 20 cm high.

Habitat: Dry, grassy Campos.

Distribution in RGS: Southwestern Campos area only.

General distribution: From Peru and Bolivia down to Patagonia, Uruguay and RGS.

Convolvulus mollis Meissner

FB 7 (1869) 314; O'Donell, Lilloa 23 (1950) 413.

9095 RGS, Jarí p. Tupanciretan, NWH, in campestribus siccis graminosis, 25.1.1942, fr.

9737 RGS, ibidem, 27.1.1942, fr.

28108 RGS, Nonoai, NWU, in campestribus siccis, 3.1945, fl.

34978 RGS, Fazenda da Ronda p. Vacaria, NEH, in graminosis siccis, 8.1.1947, fl., fr.

51592 RGS, Passo do Socorro p. Vacaria, NEH, in graminosis, 27.1.1951 fl.

51876 RGS, Passo da Guarda p. Bom Jesus, NEH, in campestribus graminosis subsiccis erecta. 14.1.1952, fl.

60112 SC, Campo dos Padres p. Bom Retiro, in campestribus graminosis, 22.1.1957, fr.

Habit: Suffrutescent, slender, ascending or erect, up to 40 cm high.

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

Distribution in RGS: Northern Highlands only.

General distribution: South Brazil.

Convolvulus selloi Meissn.

FB 7 (1869) 314; O'Donell, Lilloa 23 (1950) 431.

56652 RGS, Vila Oliva p. Caxias, NEH, in campestribus graminosis prostrata, 8.2.1955, fl.

59356 SC, S. Joaquim, in campestribus, 17.2.1954, fr., leg. J. Mattos.

Habit: Suffrutescent, slender, prostrate to ascending, 20 cm long.

Habitat: Dry, grassy Campo.

Distribution in RGS: NEH only.

General distribution: South Brazil.

CUSCUTA Tournef.**Cuscuta platyloba Prog.**

FB 7 (1871) 381, tab. 127, fig. 2; Herter, flor. Urug. (1930) 102;
Yuncker, Lilloa 4 (1939) 455.

25797 Fazenda Sta Cecilia p. S. Gabriel, SW, ad Vernoniam nudifloram
in campestribus, 1.1944, fl., det. Yuncker.

25894 RGS, ibidem, ad Solidaginem microglossam, 1.1944, fl., det.
Yuncker.

31772 SC, Sombrio p. Araranguá, ad Erechthitem valerianifolium et
Schinum weinmanniifoliam, 7.8.1946, fl., det. Yuncker.

35259 RGS, Serra da Rocinha p. Bom Jesus, NEH, ad Buddleiam ochro-
leucam, Eupatorium bupleurifolium et Thaumatocaryon sellowianum,
13.2.1947, fl., det. Yuncker.

45967 RGS, Lagoa dos Quadros p. Torres, NEC, ad Mikaniam sp., 21.
2.1950, fl., fr.

51002 RGS, Kappesberg p. Montenegro, NES, ad Conyzam triplinerviam
in dumosis, 19.1.1951, fr., leg. A. Sehnem SJ 5597.

53377 RGS, Caaró p. S. Luiz, NWH, in dumosis, 24.11.1952, fl.

53990 RGS, Taimbesinho p. S. Francisco de Paula, NEH, in dumosis,
20.2.1953, fl.

56755 RGS, Vila Oliva p. Caxias, NEH, in dumosis, 8.2.1955, fl., fr.

Habit: Vigorous, sometimes entirely covering the shrubs up to 1,5 m high.

Habitat: Shrubby Campos where it infests a varied number of hosts.

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

General distribution: From Misiones to Buenos Aires, Ur and RGS.

Cuscuta xanthochorthos Mart.

Engelmann, Trans. Ac. Sci. St. Louis 1 (1959) 486; Progel, FB 7 (1871)
379, tab. 126, fig. 5; Yuncker, Lilloa 4 (1939) 458.

71 RGS, Vila Manresa p. P. Alegre, NEL, ad Galactiam virgatam in cam-
pestribus, 9.2.1932, fl., fr., det. Yuncker.

7857 RGS, S. Leopoldo, NEL, ad Schinum weinmanniifoliam in cam-
pestribus, 1907, fl., leg. F. Theissen SJ, det. Yuncker.

7928 RGS, Vila Manresa p. P. Alegre, NEL, ad Phaseolum vulgarerm in
agro, 1939, ster.

9984 RGS, Ijuisinho p. Tupanciretan, NWH, ad Rhynchosiam lineatam in cam-
pestribus, 30.1.1940, fl., det. Yuncker.

26987 RGS, Vila Manresa p. P. Alegre, NEL, ad Schinum weinmanniifo-
liam in campestribus, 10.1944, fl.

31042 RGS, Vila Oliva p. Caxias, NEH, ad Baccharidem trimeram et
Eupatorium sp. in campestribus, 4.1.1946, fl.

31643 RGS, Vila Manresa p. P. Alegre, NEL, ad Vernoniam nudifloram
in campestribus, 12.12.1945, fl., det. Yuncker.

34980 RGS, Fazenda da Ronda p. Vacaria, NEH, ad Polygonum meisne-
rianum in dumosis paludosis, 10.1.1947, fl., det. Yuncker.

39200 RGS, Morro da Polícia p. P. Alegre, NEL, ad Lantanam reineckii
in campestribus, 27.12.1948, fl.

39472 RGS, Teresópolis p. P. Alegre, NEL, ad Vernoniam nudifloram
in campestribus, 4.1.1949, fl.

40109 RGS, Vila Manresa p. P. Alegre, NEL, ad Vernoniam scorpioidem
in campestribus, 22.1.1949, fl.

- 40123** RGS, Guaiba p. P. Alegre, NEL, ad Polygonum punctatum in humidis, 24.1.1949, fl.
41269 RGS, ad fl. Cai inferius p. P. Alegre, NEL, ad Solidaginem microglossam in dumosis secundariis, 27.4.1949, fl., fr.
42564 RGS, Pareci p. Montenegro, NEL, ad Aspilium setosam in campestribus, 18.7.1949, fl.
63608 RGS, Fazenda do Arroio p. Osorio, NEC, in dumosis, 23.1.1958, fl.

Habit: Attacking low herbs and shrubs, generally no more than 50 cm high.

Habitat: More or less shrubby Campos.

Distribution in RGS: Frequent over the whole of the area.

General distribution: From Paraguay through Misiones to SC, RGS, Ur.

DICHONDRA Forst.

Dichondra parvifolia Meissner

FB 7 (1869) 360; Hoehne, An. Mem. Inst. But. 1, fasc. 6 (1922) 34.

- 8628** RGS, Serra da Rocinha p. Bom Jesus, NEH, in silvula campestri aperta, 14.1.1942, fl.
35210 RGS, ibidem, 14.2.1947, fr.
45403 RGS, ibidem, 18.1.1950, fr.

Habit: This species differs from *D. repens* Forst. var. *sericea* (Swartz) Choisy only by small although well marked characters of the sepals; according to O'Donnell's criterion, it would be no more than a variety of *D. repens*.

Habitat: Open cloud forest.

Distribution in RGS: At the easternmost rim of the Highlands only.

General distribution: From S. Paulo to RGS.

Dichondra repens Forst.

Char. Gen. Plant. (1776) 39, tab. 20; Meissner, FB 7 (1869) 357; O'Donnell, Lilloa 29 (1959) 350.

var. *repens* O'Donell

Bol. Soc. Arg. Bot. 6. n. 3-4 (1957) 146; idem, Lilloa 29 (1959) 322, 350. *D. repens* Forst., sensu Meissner, FB 7 (1869) 357.

- 26041** RGS, Fazenda do Jarau p. Quaraí, in dumosis, 1.1945, ster.
26157 RGS, ibidem, in graminosis umbrosis, 1.1945, fl.
29208 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus graminosis, 3.10.1945, fl.
41748 RGS, Fião p. S. Leopoldo, NEL, in silvula, 29.5.1949, fr.
42814 RGS, Cristal p. P. Alegre, NEL, in dumosis, 8.8.1949, fl.
43625 RGS, Morro da Policia p. P. Alegre, in umbrosis graminosis, 28.9.1949, fl.
56340 RGS, Vila Manresa p. P. Alegre, NEL, in dumosis, 19.11.1954, fl.

Habit: Densely matted; well characterized by the absence of silky toment and the small calyx.

Habitat: On rather wet, shadowy places.

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

General distribution: Cosmopolitan; in America from the USA to Chile, central Argentina, Ur and RGS.

var. *sericea* (Swartz) Choisy

DC. Prodr. 9 (1845) 451; O'Donell, Bol. Soc. Arg. Bot. 6 (1957) 149, fig. 1; idem, Lilloa 29 (1959) 326, 351. — *Dichondra sericea* Swartz, Prodr. (1788) 54; Meissner, FB 7 (1869) 359.

- 7860 RGS, S. Leopoldo, NEL, in campestribus siccis, 1907, fl., leg. F. Theissen SJ, det. O'Donell.
- 8449 RGS, Arroio dos Ratos p. S. Jerônimo, NEL, in graminosis siccis, 8.2.1942, fl.
- 9340 RGS, Jarí p. Tupanciretan, NWH, in campestribus siccis graminosis, 26.1.1942, ster.
- 25696 RGS, Fazenda Sta Cecilia p. S. Gabriel, SW, in campestribus siccis graminosis, 1.1944, fl.
- 28507 RGS, Nonoai, NWU, in graminosis, 3.1945, fr.
- 29043 RGS, Vila Manresa p. P. Alegre, NEL, in siccis graminosis, 25.8.1945, fl., det. O'Donell.
- 29475 RGS, Sapucaia p. S. Leopoldo, NEL, in siccis graminosis, 5.9.1945, fl., det. O'Donell.
- 30495 SC, Sombrio p. Araranguá, in dumosis umbrosis, 23.9.1944, fl., leg. R. Reitz 1224.
- 30854 RGS, Vila Oliva p. Caxias, NEH, in graminosis, 31.12.1945, ster.
- 33367 RGS, S. Leopoldo, NEL, ad silvam in umbrosis, 10.9.1946, fl., leg. C. Ritter SJ.
- 34981 RGS, Fazenda da Ronda p. Vacaria, NEH, ad araucarietum in umbrosis repens, 10.1947, ster.
- 36360 RGS, Cambará p. S. Francisco de Paula, NEH, in umbrosis repens, 2.1948, ster.
- 37732 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 22.9.1948, fl.
- 38199 RGS, Sapucaia p. S. Leopoldo, NEL, in arenosis graminosis subumbrosis, 22.11.1948, fl.
- 41344 RGS, Morretes p. P. Alegre, NEL, in arenosis graminosis, 2.5.1949, ster.
- 41522 RGS, Morro do Osso p. P. Alegre, in graminosis repens, 13.5.1949, ster.
- 41741 RGS, Fião p. S. Leopoldo, NEL, in arenosis graminosis, 25.5.1949, ster.
- 41787 RGS, Esteio p. S. Leopoldo, NEL, in siccis graminosis, 1.6.1949, ster.
- 42777 RGS, Sapucaia p. S. Leopoldo, NEL, in arenosis graminosis subhumidis, 5.8.1949, fl.
- 42848 RGS, Morretes p. P. Alegre, NEL, in arenosis graminosis, 10.8.1949, fl.
- 43673 RGS, Morro das Abertas p. P. Alegre, NEL, in dumosis repens, 30.9.1949, fr.
- 43766 RGS, Morro do Sabiá p. P. Alegre, NEL, in umbrosis repens, 5.10.1949, fl.
- 48290 Paraná, Palmeira, in campestribus siccis graminosis, 14.10.1947, fl., leg. G. Tessmann.
- 53769 RGS, Serra da Rocinha p. Bom Jesus, NEH, in rupestribus parce humosis, 3.2.1953, fl., fr.
- 57110 RGS, Esteio p. S. Leopoldo, NEL, in graminosis subhumidis, 14.11.1955, fl.
- 60102 SC, Campo dos Padres p. Bom Retiro, in graminosis, 22.1.1957, fl.
- 62340 RGS, Montenegro, NEL, in graminosis siccis, 19.9.1957, fl., leg. O. Camargo 1740.

Habit: Densely matted, rooting at most of the joints, easily recognizable by the silky toment of the under surface of the leaves.

Habit: Dry, grassy Campos.

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

General distribution: Tropical and subtropical South America.

var. *villosa* (Par.) O'Donell

Lilloa 29 (1959) 328; 351. — *D. villosa* Par., Anal. Soc. Cient. Arg. 13 (1882) 9. — *D. macrocalyx* Meissn., FB 7 (1869) 358.

7859 RGS, S. Leopoldo, in umbrosis repens, 1907, fl., leg. F. Theissen SJ.

27581 RGS, Pareci p. Montenegro, NEL, in umbrosis, 1944, ster., leg. E. Henz SJ.

30855 RGS, Vila Oliva p. Caxias, NEH, in araucarieto, 31.12.1945, fl.

34979 RGS, Fazenda da Ronda p. Vacaria, NEH, in araucarieto, 8.1.

1947, fl.

37253 RGS, Ipanema p. P. Alegre, NEL, ad silvam in umbrosis, 31.12.1947, fl., leg. K. Emrich.

41931 RGS, Esteio p. S. Leopoldo, NEL, ad silvam in umbrosis, 11.6. 1949, ster.

41939 RGS, Nova Petrópolis p. Caí, NES, ad silvam in umbrosis, 13.6. 1949, ster.

42649 RGS, Portão p. S. Leopoldo, NEL, in umbrosis repens, 20.7. 1949, ster.

44994 RGS, Gramado p. Canela, NEH, ad araucarietum in umbrosis, 26. 12.1949, fl.

51623 RGS, Passo do Socorro p. Vacaria, NEH, in umbrosis herbosis, 27.12.1951, fl., fr.

Habit: Moderately matted; easily recognizable by the large sepals.

Habitat: Preferably shadowy places.

Distribution in RGS: Over the whole of the area.

General distribution: Paraguay, S. Paulo to northern Argentina, Uruguay, and RGS.

Note on Dichondra: The four taxons of *Dichondra* cited are slightly but very definitely characterized by constant differences; in my opinion, Meissner did well in considering them good species.

EVOLVULUS L.

Evolvulus glomeratus Nees et Mart.

ssp. *grandiflorus* (Par.) van Oost str. Monogr. *Evolvulus* (1934) 232; O'Donell, Lilloa 29 (1959) 337, 354.

73 RGS, Morro Santana p. P. Alegre, NEL, in rupestribus parce humosis, 16.11.1932, fl.

2524 RGS, ibidem, in rupestribus subhumidis, 15.11.1936, fl.

3636 RGS, ibidem, 22.6.1940, fl., leg. Irmão Augusto.

11821 RGS, P. Alegre, NEL, in campestribus graminosis, 1943, fl., leg. K. Emrich.

- 27865 S. Paulo, Campos do Jordão, in graminosis, 1.1944, fl., leg. E. Friderichs SJ.
 29144 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus subhumidis, 12.9.1945, fl.
 39652 RGS, Morro das Abertas p. P. Alegre, NEL, in rupestribus humidis, 9.1.1949, fl.
 40874 RGS, Granja Neugebauer p. Itapoan, NEL, in rupestribus humidis, 3.4.1949, fl.
 43647 RGS, Morro das Abertas p. P. Alegre, NEL, in rupestribus humidis, 30.9.1949, fl.
 43840 RGS, Pareci p. Montenegro, NEL, in rupestribus humidis, 7.10.1949, fl.
 44493 RGS, Granja Neugebauer p. Itapoan, NEL, in rupestribus humidis, 19.11.1949, fl.
 48874 RGS, ibidem, 28.7.1950, fl.
 63243 RGS, Uruguaiana, SW, in campestribus subhumidis, 1957, fl. leg. A. Spies.

Habit: Suffrutescent, more or less abundantly branched, branches ascending to erect, up to 30 cm long.

Habitat: Wet places on rocky outcrops with only a thin layer of soil.

Distribution in RGS: All findplaces on the granite hills near P. Alegre.

General distribution: South Brazil to Uruguay; Mesopotamia.

Evolvulus pusillus Choisy

Conv. Rar. (?) 155; Meissner, FB 7 (1869) 346, tab. 122, fig. 2.

- 28833 SC, Trindade p. Florianópolis, in subhumidis graminosis, 18.2.1945, fl., fr., leg. A. Rohr SJ.
 33722 Paraná, in siccis graminosis, 21.4.1946, fl., leg. G. Hatschbach.
 54203 RGS, Morro do Farol p. Torres, NEC, in subhumidis graminosis, 2.4.1953, fl., leg. P. Capparelli.
 54842 RGS, Torres, NEC, prope litus in arenosis subhumidis, 11.2.1954, fl., fr.
 56236 RGS, ibidem, 12.11.1954, fl.
 56502 RGS, ibidem, 19.1.1955, fl.

Habit: Prostrate, rooting at the lower joints, abundantly branched, branches up to 40 cm long.

Habitat: Somewhat wet, preferably sandy and grassy places.

Distribution in RGS: Northeasternmost sea coast only.

General distribution: From Rio de Janeiro to RGS.

Evolvulus sericeus Swartz

Prodr. Veg. Ind. Occ. (1788) 55; Meissner, FB 7 (1869) 353; Herter, Flor. Urug. (1930) 103; O'Donell, Bol. Soc. Arg. Bot. 6 (1957) 150 (var. sericeus); idem, Lilloa 29 (1959) 342, 355.

- 75 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 5.10.1932, fl.
 2895 RGS, Jaguarão, SEC, in graminosis siccis, 10.2.1938, fl., fr.
 2990 RGS, Arroio dos Ratos, NEL, in campestribus siccis, 8.1.1942, fl.
 3561 Goiás, Formosa, in siccis graminosis, 17.1.1940, fl.
 3889 RGS, Morro Vigia p. Livramento, SW, in campestribus siccis graminosis, 12.1.1941, fl., fr.

- 8416 RGS, Arroio dos Ratos p. S. Jerônimo, NEL, in siccis 8.1.1942, fl.
 9654 RGS, Tupanciretan, NWH, in campestribus siccis, 28.1.1942, fl.
 9730 RGS, ibidem, 28.1.1942, fl.
 11239 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 1943, fl., fr.
 25035 RGS, S. Lopoldo, NEL, in campestribus siccis graminosis, 1943, ster., leg. A. Reckziegel.
 25747 RGS, Fazenda Sta Cecília p. S. Gabriel, SW in siccis graminosis, 1.1944, fl.
 26034 RGS, Fazenda do Jaraú p. Quaraí, SW, in campestribus siccis graminosis, 1.1945, fl.
 27118 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis subdumosis, 10.1944 fl.
 28247 RGS, Nonoai, NWU, in campestribus siccis graminosis, 3.1945, fl.
 28248 RGS, ibidem, 3.1945, ster.
 29023 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 24.8.1945, fl.
 30894 RGS, Vila Oliva p. Caxias, NEH, in campestribus dumosis, 1.1.1946, ster.
 35974 Paraná, Barigüi p. Curitiba, in campestribus siccis, 4.10.1946, fl., leg. G. Hatschbach.
 38071 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis dumosis, 17.11.1948, fl.
 38794 RGS, Conceição p. Caí, NEL, in campestribus arenosis graminosis, 14.12.1948, fl.
 39469 RGS, Teresópolis p. P. Alegre, NEL, in campestribus siccis graminosis, 4.1.1949, fl.
 43275 RGS, Estação Azevedo p. Montenegro, NEL, in campestribus siccis dumosis, 5.7.1949, fl.
 44146 RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis graminosis, 31.10.1949, fl.
 47410 RGS, Campinas p. Sta. Rosa, NWH, in campestribus siccis graminosis, 1.1950, fl., leg. A. Spies.
 49003 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 18.10.1950, fl., fr.
 57689 RGS, Sta. Maria, CL, in graminosis, 23.11.1953, fl., fr., leg. J. Pivetta 723.
 63203 RGS, Uruguaiana, SW, in campestribus siccis, 1957, fl., leg. A. Spies.

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

Habitat: Dry, open, grassy Campos.

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

General distribution: From the USA to Chile, central Argentina, Uruguay and RGS.

IPOMOEA L.

Ipomoea acutisepala O'Donell

Lilloa 23 (1950) 478, pl. 8; idem, Lilloa 29 (1959) 101.

- 32007 RGS, Curralinhos p. Torres, NEC, in campestribus prostrata, fl. nondum aperto, 7.12.1944, leg. R. Reitz 870.
 34977 RGS, Fazenda da Ronda p. Vacaria, in campestribus prostrata, 8.1.1947, fl.

37670 Paraná, Rio das Pombas p. Palmeira, in campestribus prostrata, 14.3.1948, fl., leg. G. Hatschbach 889.

49533 SC, Lages, in campestribus prostrata, 10.1.1951, fl., det. O'Donnell.

50948 SC, ibidem 10.1.1951, leg. A. Sehnem SJ 5483.

51633 RGS, Passo do Socorro p. Vacaria, NEH, in campestribus dumosis, 27.12.1951, fl.

Habit: Prostrate, vigorous, branches up to 2 m long.

Habitat: Dry Campos among high grasses.

Distribution in RGS: Except for 32007, all collections from the northern Highlands.
General distribution: Misiones and northern RGS; central SC.

Ipomoea alba L.

Spec. Plant. (1753) 161; O'Donell, Lilloa 29 (1959) 103, fig. 2; 360. — I. bona-nox L., Spec. Plant. 2. ed. (1762) 228; Meissner, FB 7 (1869) 215.

1491 RGS, Sapucaia p. S. Leopoldo, NEL, ad rivum in dumosis scandens, 1.5.1935, fl., det. O'Donnell.

11979 RGS, ad rivum in dumosis scandens, 2.12.1943, fl., leg. K. Emrich.
28401 RGS, Nonoai, NWU, ad flumen in dumosis scandens, 3.1945, fl., det. O'Donnell.

33010 RGS, Pareci p. Montenegro, NEL, ad flumen in dumosis scandens, 15.12.1945, fl., leg. A. Strieder SJ.

35613 RGS, Kappesberg p. Montenegro, NES, ad rivum in dumosis scandens, leg. E. Henz SJ.

41164 RGS, Ilha das Flores p. P. Alegre, NEL, ad flumen in dumosis scandens, 22.4.1949, fl., det. O'Donnell.

41255 RGS, ad fl. Cai inferius p. P. Alegre, NEL, in humidis dumosis scandens, 27.4.1949, fl.

46003 RGS, Lagoa dos Quadros p. Torres, NEC, ad lacum in dumosis scandens, 21.2.1950, fl., det. O'Donnell.

57687 RGS, Pestana p. Ijuí, NWH, ad rivum in dumosis scandens, 22.11.1953, fl., leg. J. Pivotta 725.

63412 RGS, Pelotas, SEC, in ripariis, 24.3.1958, fl., leg. J. Sacco 1058.
63756 RGS, ibidem, 10.3.1957, fl., leg. J. Sacco 946.

Habit: High climber in dense stands.

Habitat: Along streams and rivers.

Distribution in RGS: Extremely common along all rivers of the southern part of the State; absent from the northeastern Highlands.

General distribution: Tropics and subtropics of the whole World; in America, from Mexico and the Antilles down to RGS, Uruguay and Buenos Aires.

Ipomoea bonariensis Hooker

Bot. Mag. 65 (1839) tag. 3665; O'Donell, Lilloa 29 (1959) 119, fig. 5 (var. bonariensis O'Donell). — I. obtusiloba Meissn., FB 7 (1869) 283; — I. heterotricha Meissn., ibidem, 280. Herter, Flor. Urug. (1930) 103.

61 RGS, S. Leopoldo, NEL, in dumosis scandens, 16.6.1934, fl.

2894 RGS, Caaró p. S. Luiz, NWH, in dumosis scandens, 28.1.1938, fl.

7861 RGS, S. Leopoldo, NEL, in dumosis, 1907, fl., leg. F. Theissen SJ.

8311 RGS, sine loco, sine die, fl., det. O'Donnell.

26850 RGS, Montserrat p. P. Alegre, NEL, in campestribus dumosis scandens, 3.1944, fr. leg. K. Emrich.

- 26893 RGS, ibidem, 23.4.1944, fl., leg. K. Emrich.
 29998 RGS, P. Alegre, in dumosis, sine die, fl., leg. K. Emrich.
 35803 RGS, Kappesberg p. Montenegro, NES, in secundariis scandens, 27.12.1946, fl., leg. E. Henz SJ.
 39201 RGS, Morro da Polícia p. P. Alegre, NEL, in dumosis scandens, 27.12.1948, fl., det. O'Donell.
 39263 RGS, Morro do Sabiá p. P. Alegre, NEL, in dumosis scandens, 28.12.1948, fl., det. O'Donell.
 39479 RGS, Teresópolis p. P. Alegre, NEL, in dumosis scandens, 4.1.1949, fl., det. O'Donell.
 39554 RGS, Cristal p. P. Alegre, NEL, in arenosis dumosis scandens, 5.1.1949, fl., det. O'Donell.

Habit: Winding climber.

Habitat: Shrubby Campos; frequent along hedges.

Distribution in RGS: Probably present in the whole of the southern and western Campos area; absent from the northeastern Highlands.

General distribution: From Bolivia, Paraguay and southern Brazil down to Uruguay and northern Argentina.

Ipomoea caririca (L.) Sweet

Hort. Brit. (1827) 287; O'Donell, Lilloa 29 (1959) 128, fig. 7; 361. — Convolvulus cairicus L., Syst. ed 10 (1759) 922. — Ipomoea stipulacea Jacq., Hort. Schoenbr. 2 (1797) 39, tab. 199; Meissner, FB 7 (1869) 288. — Ipomoea palmata Forsk., Fl. Aegypt.-Arab. (1775) 43; Herter, Flor. Urug. (1930) 103.

- 765 RGS, Esteio p. S. Leopoldo, NEL, in dumosis scandens, 2.11.1933, fl.
 3851 RGS, Bohnental p. Caí, NES, in secundariis scandens, 4.1.1941.
 4007 Uruguay, Cuñapirú p. Rivera, in dumosis scandens, 12.1.1941, ster.
 7864 RGS, S. Leopoldo, NEL, in dumosis scandens, 1907, fl., leg. F. Theissen SJ.
 11241 RGS, Marcelino Ramos, NWU, ad viam in dumosis, 1.1943, fl., leg. E. Friderichs SJ.
 25258 RGS, S. Leopoldo, NEL, in dumosis scandens, 1907, fl., leg. F. Theissen SJ.
 25379 SC, Florianópolis, ad sepes, 10.1.1943, fl., leg. A. Rohr SJ.
 26429 RGS, Fazenda das Almas p. Mostardas, NEC, in dumosis scandens, 1.1945, fl., leg. P. Buck SJ, det. O'Donell.
 31635 SC, Sombrio p. Araranguá, in dumosis scandens, 6.2.1946, fl.
 32497 RGS, Pareci p. Montenegro, NEL, in dumosis scandens, 22.10.1945, fl., leg. E. Henz SJ.
 32624 RGS, ibidem, 10.11.1945, fl., leg. E. Henz SJ, det. O'Donell.
 32975 RGS, ibidem, 10.10.1945, fl., leg. A. Strieder SJ.
 33520 RGS, S. Leopoldo, NEL, in dumosis scandens, 17.7.1946, fl., leg. L. Stahl SJ.
 38349 RGS, Sapucaia p. S. Leopoldo, NEL, in dumosis scandens, 29.11.1948, fl., det. O'Donell.
 39128 RGS, Itapoan p. P. Alegre, NEL, in dumosis scandens, 22.12.1948, fl., det. O'Donell.
 39568 RGS, Cachoeirinha p. Gravataí, NEL, in dumosis scandens, 7.1.1949, fl., det. O'Donell.
 41207 RGS, Ilha das Flores p. P. Alegre, NEL, in dumosis scandens, 22.4.1949, fl., det. O'Donell.
 44749 RGS, Lagoa dos Barros p. Osório, NEC, ad lacum in dumosis scandens, 14.11.1949, fl., det. O'Donell.

- 46134 RGS, Fazenda do Arroio p. Osório, NEC, in dumosis arenosis scandens, 6.3.1950, fl., fr., det. O'Donell.
 56509 RGS, Torres, NEC, in dumosis scandens, 19.1.1955, fl.
 57695 RGS, Pestana p. Ijuí, NWH, in dumosis scandens, 12.11.1953, fl., leg. J. Pivetta 717.
 62605 RGS, P. Alegre, NEL, in dumosis, 2.11.1957, ster., leg. O. Camargo 2404.
 63293 RGS, Pelotas, SEC, in dumosis, 1.12.1957, fl., leg. J. Sacco 783.
 63315 RGS, ibidem, 2.12.1957, ster., leg. J. Sacco 784.
 64003 RGS, ibidem, 30.1.1954, fl., leg. J. Sacco 76.
 64056 RGS, ibidem, 30.12.1954, fl., leg. J. Sacco 266.

Habit: Winding climber.

Habitat: Edge of the forest, secondary growth, along hedges.

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

General distribution: Tropical and subtropical cosmopolite; in America, from Mexico and the Antilles to Uruguay and central Argentina.

Ipomoea congesta R. Br.

Prodri. Fl. Nov. Holl. ed. 1 (1810) 485; O'Donell, Lilloa 29 (1859) 134, 362. — I. acuminata (Vahl) Roem. et Schult., Syst. Veg. 4 (1819) 228; Meissner, FB 7 (1869) 226, tab. 78; Herter, Flor. Urug. (1930). I. jamaicensis G. Don, Gen. Syst. 4 270; Meissner. FB 7 (1869) 225, tab. 77.

- 1487 RGS, S. Leopoldo, NEL, ad sepes, 15.4.1934, fl.
 1490 RGS, ibidem, 4.11.1922, fl.
 3688 RGS, Piedade p. Cai, NES, in secundariis, 23.12.1940, fl.
 6676 RGS, Sta. Clara p. Lajeado, CS, in dumosis scandens, 18.11.1940, fl.
 7862 RGS, S. Leopoldo, NEL, ad sepes, 1907, fl., leg. F. Theissen SJ.
 8295 RGS, P. Alegre, NEL in ruderatis, 19.1.1942, fl.
 9525 RGS, Jari p. Tupanciretan, NWH, ad viam in dumosis, 27.1.1942, fl.
 11240 RGS, Cérro Largo p. S. Luiz, NWH, in dumosis, 1.1943, fl., leg. P. Buck SJ.
 25222 RGS, S. Leopoldo, NEL, in dumosis scandens, 1907, fl., leg. F. Teissen S. J.
 26490 RGS, Pareci p. Montenegro, NEL, in dumosis scandens, 1944, fl., leg. E. Henz SJ.
 28339 RGS, Nonoai, NWU, in dumosis, 3.1945, fl.
 32582 RGS, Pareci p. Montenegro, NEL, in dumosis scandens, 31.10.1945, fl., leg. E. Henz SJ.
 32686 RGS, ibidem, 9.11.1945, fl. det. O'Donell, leg. E. Henz SJ.
 32796 RGS, Vila Manresa p. P. Alegre, NEL, in dumosis, 12.12.1945, fl.
 32978 RGS, Pareci p. Montenegro, NEL, in dumosis scandens, 10.10.1945, fl., leg. A. Strieder SJ.
 33557 RGS, S. Leopoldo, NEL, in dumosis scandens, 7.4.1946, fl., leg. E. Henz SJ, det. O'Donell.
 39018 RGS, ad montem Steinkopf p. S. Leopoldo, NEL, in dumosis scandens, 20.12.1948, fl., det. O'Donell.
 39478 Teresópolis p. P. Alegre, NEL, in dumosis scandens, 4.1.1949, fl., det. O'Donell.
 41449 RGS, Estação Azevedo p. Montenegro, NEL, in dumosis scandens, 6.5.1949, fl., det. O'Donell.
 42358 RGS, ad montem Ferrabraz p. Novo Hamburgo, NES, in se-

- cundariis scandens, 5.7.1949, fl.
- 42981 RGS, Pareci p. Montenegro, NEL, ad viam ferream in dumosis, 17.8.1949, fl., det. O'Donell.
- 43022 RGS, Schwabenschneis p. Novo Hamburgo, NES, in secundariis scandens, 22.8.1949, fl.
- 48194 RGS, Iraí, NWU, in dumosis secundariis scandens, 11.1949, fl., leg. K. Emrich.
- 48509 RGS, Tupandí p. Montenegro, NES, in dumosis scandens, 10.11.1945, fl., leg. A. Sehnem SJ 1415.
- 49869 SC, Itapiranga ad fl. Uruguay superius, ad viam in dumosis scandens, 6.2.1951, fl.
- 50686 RGS, Montenegro, NEL, ad viam in dumosis, 28.9.1949, fl., leg. A. Sehnem SJ 3884.
- 57694 RGS, Pestana p. Ijuí, NWH, in dumosis scandens, 12.11.1953, fl., leg. J. Pivetta 718.
- 58913 RGS, Estação de Silvicultura p. Sta. Maria, CL, in dumosis scandens, 28.3.1956, fl., leg. O. Camargo 60.
- 61243 SC, Itapiranga ad fl. Uruguay, ad silvam, 7.10.1957, fl.
- 62330 RGS, Montenegro, NEL, in dumosis scandens, 19.9.1957, fl., leg. O. Camargo 1783.
- 62901 RGS, Taquari, NEL, in dumosis, 10.12.1957, fl., leg. O. Camargo 3024.
- 63743 RGS, Pelotas, SEC, in dumosis, 11.3.1958, fl., leg. J. Sacco 985.

Habit: Vine.

Habitat: Edge of the forest, secondary growth, hedges, often on disturbed soil.

Distribution in RGS: Frequent over the whole of the cultivated area; somewhat weedy.

General distribution: From Central America and the Antilles to central Argentina, Uruguay, and RGS.

Ipomoea descolei O'Donell

Lilloa 23 (1950) 440, pl. 8; idem, Lilloa 29 (1959) 148, fig. 12.

- 48090 RGS, Roque Gonzalez p. S. Luiz, NWH, in campestribus alte graminosis prostrata, 16.1.1949, fl., leg. A. Sehnem SJ 3583.

Habit: Extremely vigorous, prostrate; ornamental.

Habitat: Dry Campos with high grasses and low shrubs.

Distribution in RGS: Northwestern Highlands only; regionally frequent.

General distribution: From southern Paraguay through Misiones and Corrientes to western RGS.

Ipomoea fimbriosepala Choisy

DC Prodr. 9 (1845) 359; O'Donell, Lilloa 29 (1959) 155, fig. 14.
— Aniseia hastata Meissn., FB 7 (1869) 319.

- 31453 SC, Sombrio p. Araranguá, in dumosis scandens, 1.2.1946, fl.

41111 RGS, Ilha da Pintada p. P. Alegre, NEL, in paludosis dumosis scandens, 20.4.1949, fl., fr.

46010 RGS, Lagoa dos Quadros p. Torres, NEC, ad lacum in dumosis scandens, 21.2.1950, fl., fr.

Habit: Vigorous vine.

Habitat: Swampy thickets.

Distribution in RGS: Northeastern Lowlands and sea coast only.

General distribution: Africa; America: From Mexico down to B. Aires and RGS.

Ipomoea grandifolia (Dammer) O'Donell

Arq. Mus. Paran. 9 (1952) 222, pl. 6, fig. 1, 2c; Lilloa 29 (1959) 160, 362. — *Jacquemontia grandifolia* Dammer, Bot. Jahrb. 23, Beibl. 57 (1897) 41.

- 1492 RGS, S. Leopoldo, NEL, ad sepes scandens, 25.3.1934, fl., det. O'Donell.
 6634 RGS, Sta. Clara p. Lajeado, CS, in secundariis scandens, 18.11.1940, fl., fr.
 6641 RGS, Marcelino Ramos, NWU, in dumosis, 16.2.1941, fl.
 10185 RGS, Vila Manresa p. P. Alegre, NEL, in incultis, 28.2.1942, fl.
 11242 RGS, Cérro Largo p. S. Luiz, NWH, in dumosis scandens, 1.1943, fl. leg. P. Buck SJ, det. O'Donell.
 25090 RGS, S. Leopoldo, NEL, in incultis scandens, 1907, fl., leg. F. Theissen SJ.
 28184 RGS, Nonoai, NWU, in agro subprostrata, 3.1945, fl., det. O'Donell.
 29584 RGS, Pareci p. Montenegro, NEL, in agro subscandens, 26.9.1945, fl., fr., leg. E. Henz SJ, det. O'Donell.
 34261 RGS, Montserrat p. P. Alegre, NEL, in dumosis scandens, 24.1.1947, fl., leg. K. Emrich.
 40673 RGS, Vila Manresa p. P. Alegre, NEL, in incultis dumosis, 26.3.1949, fl., det. O'Donell.
 41106 RGS, Ilha da Pintada p. P. Alegre, NEL, in dumosis scandens, 20.4.1949, fl., fr., det. O'Donell.
 41170 RGS, Ilha das Flores p. P. Alegre, NEL, in dumosis humidis scandens, 22.4.1949, fl., det. O'Donell.
 41183 RGS, ibidem, 22.4.1949, fl., det. O'Donell.
 47232 RGS, Kappesberg p. Montenegro, NES, in agro, 4.7.1950, fl.
 49698 RGS, Lagoa dos Quadros p. Torres, NEC, in dumosis scandens, 18.1.1951, fl.
 50264 RGS, Vila Manresa p. P. Alegre, NEL, in vinea scandens, 26.3.1951, fl.
 57693 RGS, Pestana p. Ijuí, NWH, in dumosis scandens, 22.11.1953, fl., leg. J. Pivetta 719.
 58914 RGS, Estação de Silvicultura p. Sta. Maria, CL, in dumosis scandens, 1.3.1956, fl., leg. O. Camargo 81.
 63061 RGS, Pelotas, SEC, in dumosis scandens, 10.3.1956, fl., leg. Schlichting.
 63721 RGS, ibidem, 11.3.1958, fl., leg. J. Sacco 965.
 63951 RGS, ibidem, 7.3.1956, fl., leg. J. Sacco 502.

Habit: Low climbing or prostrate vine.

Habitat: Apparently on disturbed soil only.

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

General distribution: From Rio de Janeiro and Minas Gerais to Uruguay; Paraguay, northern Argentina, Argentine Mesopotamia.

Ipomoea guaranitica Chod. et Hassl.

Bull. Herb. Boiss. 2 sér. 5 (1905) 688.

- 51964 RGS, Seberi p. Palmeira, NWU, in campestribus siccis dense alteque graminosis, 30.1.1952, fl. nondum evoluto, det. O'Donell.

Habit: Suffruticose, erect, about 50 cm high.

Habitat: Dry Campo among grasses and shrubs.

Distribution in RGS: Northwesternmost Campos only.

General distribution: Paraguay, northwestern RGS.

Ipomoea heterophylla Ort.

Hort. Matri. Dec. 9 (?); Peter, NP 4, 3a (1891) 29.

26126 RGS, Fazenda do Jarau p. Quarai, SW, in campestribus siccis suberecta, 1.1945, fl.

Habit: Half lying, half upright, 30 cm long.

Habitat: Dry, shrubby Campos.

Distribution in RGS: One only findplace at the Uruguayan frontier.

General distribution: Index Kewensis: Mexico: Peter, l.c.: Argentina; not mentioned by O'Donell. Squares fairly well with description.

Ipomoea indivisa (Vell.) Hall.

Meded. Herb. Leiden n. 46 (1922) 20; O'Donell, Lilloa 29 (1959) 59, 167. — *Convolvulus indivisus* Vell., Fl. Flum. (1825) 71, et Ic. 2 (1827) tab. 50. — *Ipomoea coccinea* auct. non L., Meissner, FB 7 (1869) 218.

29928 RGS, Kappesberg p. Montenegro, NES, in dumosis scandens, 9.1945, fl., leg. E. Friderichs SJ.

32655 RGS, Pareci p. Montenegro, NEL, in dumosis scandens, 17. 10.1945, fl., leg. E. Henz SJ.

33685 Parana, in dumosis scandens, 19.2.1946, fl., leg. G. Hatschbach.

33790 RGS, Gramado p. Canela, NEH, ad viam in dumosis, 1.2.1946, fl., leg. I. Steidle.

35519 RGS, Dois Irmãos p. S. Leopoldo, NES, in incultis scandens, 10.10.1946, fl., fr., leg. C. Ritter SJ.

42437 RGS, Pareci p. Montenegro, NEL, in dumosis scandens, 7.7. 1949, fl., det. O'Donell.

48511 RGS, Tupandi p. Montenegro, NES, in incultis scandens, 10. 11.1945, fl., leg. A. Sehnem SJ 1409.

52390 RGS, sine loco, sine die, fl.

57696 RGS, Pestana p. Ijui, NWH, in dumosis scandens, 10.11.1953, fl., leg. J. Pivetta 716.

60425 RGS, Estação de Silvicultura p. Sta. Maria, CL, in dumosis, 10.4.1956, fl., leg. O. Camargo 509.

61087 SC, Lages, in incultis, 26.12.1956, fl., leg. J. Mattos.

63720 SEC, in incultis, 10.3.1958, fl., leg. J. Sacco 981.

Habit: Low climbing vine, or prostrate.

Habitat: Shrubby, apparently always on disturbed soil.

Distribution in RGS: Probably over the whole of the cultivated area; weedy.

General distribution: From Bahia to Uruguay; Argentine Mesopotamia to Buenos Aires.

Ipomoea kunthiana Meissn.

FB 7 (1869) 253; O'Donell, Lilloa 29 (1959) 170, fig. 17.

53329 RGS, Soledade, CH, in campestribus subnudis prostrata, 26.11. 1952, fl., det. O'Donell.

54206 RGS, Julio de Castilhos, CH, in campestribus graminosis, 2.1952, fl., leg. Duperrial.

57690 RGS, Cruz Alta, CH, in graminosis siccis, 3.1.1954, fl., leg. J. Pivetta 722.

Habit: Prostrate, vines up to 50 cm long.

Habitat: Dry, grassy Campos.

Distribution in RGS: Central Highlands.

General distribution: Paraguay, Misiones, Corrientes, RGS.

Ipomoea littoralis (L.) Boiss.

Flor. 4 (?) 112. — *Convolvulus littoralis* L., Spec. Plant. (1753) 227. — *Ipomoea acetosifolia* Roem. et Schult., Syst. 4 (1919) 246; Meissner, FB 7 (1869) 255, tab. 94.

3311 SC, Florianópolis, ad litus in arenosis humidis, 6.1938, fl.

6500 SC, ibidem, 12.1940, fl., leg. A. Sehnem SJ.

37685 Paraná, Matinhos p. Araranguá, ad litus in arenosis, 7.3.1948, leg. G. Hatschbach 907.

Habit: Prostrate, deeply rooting in the sand, or more or less erect.

Habitat: Wet sand near the sea coast.

Distribution in RGS: Torres, northernmost sea coast; material lost.

General distribution: Tropical coasts of all continents; in America: Mexico to RGS.

Ipomoea malpighipila O'Donell

Lilloa 23 (1950) 448, pl. 10, 11; idem, Lilloa 29 (1959) 176.

28109 RGS, Nonoai, NWU, in campestribus dumosis erecta, 3.1945, fl.

28645 RGS, Ijuí, in campestribus graminosis, 1943, fl., leg. A. Schulz.

30032 RGS, Passo Fundo, CH, in campestribus siccis erecta, 2.1942, fl. nondum aperto, leg. Irm. Edesio.

51951 RGS, Vacaria, NEH, in campestribus dumosis, 30.1.1952, fl.

Habit: Suffruticose, erect, mostly unbranched, up to 1 m high.

Habitat: Dry, more or less shrubby Campos.

Distribution in RGS: Western and central Highlands.

General distribution: Misiones, RGS.

Ipomoea malvaeoides Meissn.

FB 7 (1869) 251; O'Donell, Lilloa 29 (1959) 363 (var. *malvaeoides*).

3905 RGS, Morro Vigia p. Livramento, SW, in campestribus siccis dumosis prostrata, 12.1.1941, fl., det. O'Donell.

Habit: Prostrate to ascending, 75 cm long.

Habitat: Dry, shrubby Campos.

Distribution in RGS: Southwestern frontier only.

General Distribution: RGS and northern Uruguay (var. *malvaeoides*).

Ipomoea maurandoioides Meissn.

FB 7 (1869) 275; O'Donell, Lilloa 29 (1959) 187, fig. 23.

26050 RGS, Fazenda do Jarau p. Quarai, SW, in dumosis scandens, 1.1945, fl.

26183 RGS, ibidem, 1.1945, fr.

51725 RGS, Palmares ad Lagoa dos Patos, NEL, in dumosis humidis scandens, 8.1.1952, fl.

Habit: Low climber.

Habitat: Woodlets, more or less wet thickets.

Distribution in RGS: Southern half of the State, widely scattered.

General distribution: RGS and Argentine Mesopotamia.

Ipomoea nil (L.) Roth

Cat. Bot. 1 (1797) 36; O'Donell, Lilloa 29 (1959) 197, fig. 26. — *Convolvulus nil* L., Spec. Plant. 2. ed. (1763) 219. — *Ipomoea longicuspis* Meissn., FB 7 (1869) 227.

63460 RGS, Torres, NEC, ad viam in incultis, 5.1958, fl., fr.

Habit: Prostrate or low climber.

Habitat: Dry, sandy roadside.

Distribution in RGS: No other findplace.

General distribution: Pantropical; in Brazil, from Amazonia to RGS.

Ipomoea padillae O'Donell

Lilloa 29 (1959) 207, fig. 29.

53330 RGS, Caaró p. S. Luiz, NWH, in campestribus siecis graminosis prostrata, 24.11.1952, fl., det. O'Donell.

Habit: Prostrate; branches 1 m long.

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

Distribution in RGS: No other findplace.

General distribution: Misiones, RGS.

Ipomoea purpurea (L.) Roth

Bot. Abh. (1797) 27; O'Donell, Lilloa 29 (1959) 222. — *Convolvulus purpureus* L., Spec. Plant. ed. 2 (1762) 219. — *I. purpurea* (L.) Lam., III., n. 2129 (....); Meissner, FB 7 (1869) 223.

2264 RGS, Kappesberg p. Montenegro, NES, in dumosis scandens, 21.12.1935, fl., det. O'Donell.

28090 RGS, Vila Oliva p. Caxias, NEH, in dumosis scandens, 2.1945, fr., leg. P. Buck SJ, det. O'Donell.

28903 RGS, P. Alegre, NEL, in dumosis scandens, 1944, fl., leg. K. Emrich.

29966 RGS, Kappesberg p. Montenegro, NES, in dumosis scandens, 30.5.1945, fl., leg. E. Friderichs SJ.

30479 SC, Tenente p. Araranguá, in dumosis scandens, 27.5.1944, fl., fr., leg. R. Reitz 1147.

43284 RGS, Estação Azevedo p. Montenegro, NEL, in dumosis scandens, 5.9.1949, fl., det. O'Donell.

48508, RGS, Pareci p. Montenegro, NEL, in dumosis scandens, 24.10.1945, fl., leg. A. Sehnem SJ 1402.

57698 RGS, Pestana p. Ijuí, NWH, in dumosis scandens, 23.10.1953, fl., leg. J. Pivetta 713.

58659 RGS, Estação de Silvicultura p. Sta Maria, CL, in dumosis alte scandens, 22.12.1955, fl., leg. O. Camargo 61.

Ipomoea uruguayensis Meissn.

FB 7 (1869) 272; Herter, Flor. Urug. (1930) 103.

70 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus dumosis, 27.12.1932, fl.

- 9078 RGS, Jari p. Tupanciretan, NWH, in campestribus siccis prostrata, 25.1.1942, fl.
- 9437 RGS, ibidem, 27.1.1942, fl., det. O'Donell.
- 9979 RGS, Ijuisinho p. Tupanciretan, NWH, in campestribus graminosis prostrata, 30.1.1942, fl.
- 31357 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus subdumosiss prostrata, 12.12.1945, fl.
- 39193 RGS, Morro da Polícia p. P. Alegre, 27.12.1948, fl., det. O'Donell.
- 39645 RGS, Morro das Abertas p. P. Alegre, NEL, in dumosis prostrata, 9.1.1949, fl., det. O'Donell.
- 40097 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus prostrata, 22.1.1949, fl., det. O'Donell.
- 40845 RGS, Granja Neugebauer p. Itapoan, NEL, in campestribus dumosis prostrata, 3.4.1949, fr. immaturo, det. O'Donell.
- 41030 RGS, Morro Águado p. P. Alegre, NEL, in campestribus prostrata, 13.4.1949, fr., det. O'Donell.
- 45240 RGS, Fazenda do Arroio p. Osório, NEC, in arenosis prostrata, 4.1.1950, fl., det. O'Donell.
- 46774 RGS, ibidem, 14.4.1950, fl., leg. O'Donell.
- 61088 SC, Lages, in campestribus graminosis prostrata, 25.12.1956, fl., leg. J. Mattos.
- 63600 RGS, Fazenda do Arroio p. Osório, NEC, in arenosis prostrata, 23.1.1958, fl.

Habit: Prostrate, vigorous, branches up to 2 m long.

Habitat: Dry, more or less shrubby campos.

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

General distribution: RGS, Uruguay; although O'Donell does not mention this species, it certainly occurs in the Argentine Mesopotamia.

Ipomoea variifolia Meissn.

FB 7 (1869) 275; Herter, Flor. Urug. (1930) 103.

- 25515 RGS, Fazenda Sta Cecília p. S. Gabriel, SW, in campestribus dumosis scandens, 1.1944, fl.

- 28183 RGS, Nonoai, NWU, in campestribus dumosis scandens, 3.1945, fl.

Habit: Prostrate to ascending.

Habitat: Dry, grassy Campos.

Distribution in RGS: SW and NWU, rare.

General distribution: RGS and Uruguay; Mesopotamia Argentina?

Ipomoea sp.

affinis tiliacea Choisy.

- 26423 RGS, Fazenda das Almas p. Palmares, NEL, in subpaludosis dumosis scandens, 1.1945, fl., leg. P. Buck SJ, det. O'Donell.
- 41159 RGS, Ilha da Pintada p. P. Alegre, in paludosis dumosis scandens, 20.4.1959, fl., det. O'Donell.
- 41206 RGS, Ilha das Flores p. P. Alegre, in paludosis dumosis scandens, 22.4.1949, fl., det. O'Donell.
- 45153 RGS, Fazenda do Arroio p. Osório, NEC, in dumosis paludosis scandens, 4.1.1950, fl., det. O'Donell.

- 46030 RGS, Lagoa dos Quadros p. Torres, NEC, ad lacum in dumosis scandens, 2.12.1950, fl., det. O'Donell.
 46458 RGS, Lagoa da Pinguela p. Osório, NEC, in paludosis dumosis scandens, 27.3.1950, fl., det. O'Donell.

Habit: Low climber.

Habitat: Swampy thickets.

Distribution in RGS: Apparently not rare in the southern half of the State.

General distribution: Unknown.

Ipomoea viridis Choisy?

- 32088 SC, Praia Grande, in dumosis scandens, 13.2.1946, ster.
 44809 RGS, Taquara, NES, ad silvam scandens, 18.12.1949, fl., det. O'Donell.
 49897 SC, Itapiranga ad fl. Uruguay, ad silvam scandens, 6.2.1951, fl.
 52115 RGS, Taquara, NES, in secundariis scandens, 7.2.1952, fl.
 54629 RGS, ad fl. Maquiné p. Osório, NEC, ad silvam scandens, 1.1.1954, fl.
 60750 RGS, Passo Fundo, CH, in silva, 4.1957, ster.

Habit: Very vigorous, high climber, flowers white.

Habitat: At the edge of subtropical rain forest.

Distribution in RGS: Rain forest belt near the northeastern sea coast, and Upper Uruguay River.

JACQUEMONTIA Choisy

Jacquemontia heterotricha O'Donell

Bol. Soc. Arg. Bot. 3, n. 2 (1950) 88, fig. 1 d-f. — *J. evolvoloides* (Moric.) Meissn., var. *tweediei* Meiss., FB 7 (1869) 307.

- 327 RGS, Vila Manresa p. P. Alegre, NEL, in saxosis dumosis, 16.10.1933, fl., det. O'Donell.
 649 RGS, ibidem, in rupestribus dumosis, 4.10.1931, fr., det. O'Donell.
 766 RGS, ibidem, in saxosis alte graminosis, 16.10.1933, fl., det. O'Donell.
 27119 RGS, ibidem, 10.1944, fl.
 28653 RGS, ibidem, 4.1953, fl., leg. P. Buck SJ., det. O'Donell.
 29165 RGS, ibidem, 12.9.1945, fl., det. O'Donell.
 30053 RGS, ibidem, 1945, fl.
 38453 RGS, ibidem, 1.12.1948, fl., fr., det. O'Donell.
 39191 RGS, Morro da Polícia p. P. Alegre, NEL, in saxosis dense graminosis, 27.12.1948, fl., det. O'Donell.
 40502 RGS, Vila Manresa p. P. Alegre, NEL, in rupestribus, 14.3.1949, fl.
 41042 RGS, Morro Agudo p. P. Alegre, NEL, in rupestribus dumosis, 4.1948, fl., fr.
 43336 RGS, Morro da Polícia p. P. Alegre, NEL, in rupestribus dumosis, 9.9.1949, fl.
 45837 RGS, ibidem, 16.12.1950, fl.
 48853 RGS, Granja Neugebauer p. Itapoan, NEL, in saxosis dumosis, 27.9.1950, fl.

58590 RGS, Vila Manresa p. P. Alegre, NEL, in rupestribus graminosis, 8.2.1956, fl.

Habit: Suffrutescent, ascending to erect, up to 0,5 m high.

Habitat: Dry, stony or rocky Campos.

Distribution in RGS: Surroundings of P. Alegre only.

General distribution: Misiones and RGS.

Jacquemontia selloi (Meissn.) Hall. f.

Engl. Bot. Jahrb. 16 (1893) 543. Ipomoea selloi Meissn., FB 7 (1869) 271. Bornmüller, Rev. Sud. Bot. 2 (1935) 4.

9199 RGS, Jarí p. Tupanciretan, NWH, in campestribus siccis dumosis prostrata, 26.1.1942, ster.

9440 RGS, ibidem, 27.1.1942, fl.

10107 RGS, Ijuizinho p. Tupanciretan, NWH, in campestribus graminosis prostrata.

53028 RGS, Sto. Angelo, NWH, in campestribus dumosis prostrata, 17.11.1952, fl.

57617 RGS, Pestana p. Ijuí, NWH, in campestribus, 8.11.1954, fl., leg. J. Pivetta 620.

60313 RGS, S. Bernardo p. Ijuí, NWH, in campestribus siccis dumosis prostrata, 8.1.1957, fl.

60314 RGS, ibidem, 8.1.1957, fl.

61333 RGS, Vale Veneto p. Sta. Maria, NS, in campestribus, 11.11.1956, fl., leg. J. Pivetta 1254.

63213 RGS, Uruguaiana, SW, in campestribus siccis prostrata, 1957, fl., leg. A. Spies.

Habit: Prostrate to ascending, abundantly branched from the base, branches up to 1 m long.

Habitat: Dry, more or less shrubby Campos.

Distribution in RGS: Western Campos area only.

General distribution: From Minas Gerais to RGS.

MERREMPIA Dennst. emend. Hall. f.

Merremia cissoides (Lam.) Hall. f.

Glied. Convolvul. (1893) 552; O'Donell, Lilloa 5 (1939) 60, pl. 3; fig. 7. — Convolvulus cissoides Lam., Tab. Encycl. Méthod. 1 (1791) 462. — Ipomoea cissoides (Lam.) Gris., Fl. Brit. West. Ind. Islands (1860) 473; Meissner, FB 7 (1869) 229, tab. 80, fig. 1.

2044 RGS, in summo monte Sapucaia p. S. Leopoldo, NEL, 4.4.1935, ster.

41424 RGS, Estação Azevedo p. Montenegro, NEL, in campestribus dumosis, 6.5.1949, fr., det. O'Donell.

Habit: Prostrate, branches 1 m long.

Habitat: Dry, grassy to shrubby places.

Distribution in RGS: Northeastern Lowlands only.

General distribution: From Mexico and Cuba to RGS and Misiones.

Merremia dissecta (Jacq.) Hall. f.

Glied. Convolvul. (1893) 552; O'Donell, Lilloa 5 (1939) 47, fig. 3. — Convolvulus dissectus Jacq., Obs. bot. pars 2 (1767) 4, tab. 28. — Ipomoea sinuata Ort., Hort. Matrit. Dc. 7 (1798) 84; Meissner, FB 7 (1869) 284.

- 2109** RGS, Sapucaia p. S. Leopoldo, NEL, in dumosis scandens, 3.4.1935, fl., det. O'Donell.
2989 RGS, sine loco, sine die, fl.
7858 RGS, S. Leopoldo, NEL, in dumosis scandens, 1908, fl., leg. F. Theissen SJ, det. O'Donell.
11816 RGS, Montserrat p. P. Alegre, NEL, in campestribus dumosis scandens, 20.7.1943, ster., leg. K. Emrich.
11883 RGS, ibidem, in campestribus dumosis, 1943, ster., leg. K. Emrich.
28207 RGS, Nonoai, NWU, in campestribus dumosis scandens, 3. 1945, fl., det. O'Donell.
28846 SC, Trindade p. Florianópolis, in dumosis scandens, 25.2.1945, fl., leg. A. Rohr SJ.
33258 RGS, Montserrat p. P. Alegre, NEL, in campestribus dumosis, 1945, fl., leg. K. Emrich.
33554 RGS, S. Leopoldo, NEL, in dumosis scandens, 7.4.1946, fl., leg. E. Henz SJ, det. O'Donell.
34262 RGS, Montserrat p. P. Alegre, in campestribus dumosis scandens, 24.1.1947, fl., leg. K. Emrich.
38892 RGS, S. Leopoldo, NEL, in campestribus dumosis, 17.12.1948, fl., det. O'Donell.
39034 RGS, ad montem Steinkopf p. S. Leopoldo, NEL, in dumosis scandens, 20.12.1948, fl., det. O'Donell.
39672 RGS, Morro das Abertas p. P. Alegre, NEL, in dumosis scandens, 9.1.1949, fl., det. O'Donell.
39699 RGS, ibidem, 9.1.1949, fl., det. O'Donell.
40450 Sapucaia p. S. Leopoldo, NEL, in campestribus dumosis scandens, 9.3.1949, fl., det. O'Donell.
41735 RGS, Fião p. S. Leopoldo, NEL, in campestribus scandens, 25.9.1949, fr., det. O'Donell.
45103 RGS, Fazenda do Arroio p. Osório, NEC, in arenosis dumosis scandens, 4.1.1950, fl., det. O'Donell.
50557 RGS, Montenegro, NEL, in dumosis scandens, 28.12.1949, fl., leg. A. Sehnem SJ 4467.
51765 RGS, Morro Grande p. Osório, NEC, in dumosis arenosis, 10.1.1952, fl.
58651 RGS, Estação de Silvicultura p. Sta. Maria, CL, in dumosis scandens, 20.1.1956, fl., leg. O. Camargo 69.
59188 RGS, Esteio p. S. Leopoldo, NEL, in incultis dumosis, 29.1.1956, juvenilis.
63611 RGS, Fazenda do Arroio p. Osório, NEC, in dumosis arenosis scandens, 23.1.1958, fl.
64066 RGS, Pelotas, SEC, in dumosis scandens, 16.3.1955, fl., leg. J. Sacco 298.

Habit: Vigorous climber.

Habitat: Dry, shrubby places.

Distribution in RGS: Common in the northeastern Highlands and near the sea coast; probable in the whole of the Campos area of the State.

General distribution: From USA through Central America to central Argentina and RGS.

SECIES CITED FOR RGS

not in my Herbarium (4).

Ipomoea chrysotricha Meissn. — Bornmüller 1935, 4.

Ipomoea nitida Gris. — O'Donell 1959, 204.

Ipomoea procera Meissn. — Bornmüller 1935, 5.

Ipomoea trifida (H. B. K.) G. Don — Bornmüller 1935, 4.

SPECIES PROBABLE OR POSSIBLE

mainly in the western Campos area (27).

Convolvulus lilloi O'Donell — O'Donell 1959: Corrientes, Misiones. *Cuscuta cristata* Engelm. — Yuncker 1939, 454: Entrerrios.

Cuscuta obtusiflora H. B. K. var. *vera* Engelm. — Yuncker 1939: Entrerrios.

Cuscuta odoata R. et Pav. — Progel 1871: South Brazil.

Dichondra repens Forst. var. *holosericea* O'Donell. — O'Donell 1959: Entrerrios.

Evolvulus latifolius Ker-Gawl. — O'Donell 1959: Corrientes.

Evolvulus tenuis ssp. *tenuis* var. *cinereus* Chod. et Hassl. — O'Donell 1959: Misiones.

Ipomoea asarifolia (Desr.) R. et Schult. — O'Donell 1959: Corrientes.

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Convolvulus arvensis L.: 39029.

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INDEX

<i>Aniseia argentina</i> (N. E. Brown) O'Donell	7
<i>cernua</i> Moric	7
<i>Convolvulus bonariensis</i> Cav.	7
<i>crenatifolius</i> R. et Pav.	8
<i>hermanniae</i> L'Hérit.	9
<i>lacinatus</i> Desr.	10
<i>mollis</i> Meissn.	10
<i>selloi</i> Meissn.	10
<i>Cuscuta platyloba</i> Prog.	11
<i>xanthochorthos</i> Mart.	11
<i>Dichondra parvifolia</i> Meissn.	12
<i>repens</i> Forst. v. <i>repens</i> O'Donell	12
v. <i>sericea</i> (Swartz) Choisy	13
v. <i>villosa</i> (Parodi) O'Donell	14
<i>Evolvulus glomeratus</i> Nees et Mart., var. <i>grandiflorus</i> (Parodi)	
van Oststr	14
<i>pusillus</i> Choisy	15
<i>sericeus</i> Swartz	15
<i>Ipomoea acutisepala</i> O'Donell	16
<i>alba</i> L.	17
<i>bonariensis</i> Hook	17
<i>caririca</i> (L.) Sweet	18
<i>congesta</i> R. Br.	19
<i>descolei</i> O'Donell	20
<i>fimbriosepala</i> Choisy	20
<i>grandifolia</i> (Damm.) O'Donell	21
<i>guaranitica</i> Chod. et Hassl.	21
<i>heterophylla</i> Ort.	22
<i>indivisa</i> (Vell.) Hall.	22
<i>kunthiana</i> Meissn.	22
<i>litoralis</i> (L.) Boiss.	23
<i>malpighipila</i> O'Donell	23
<i>malvooides</i> Meissn.	23
<i>murandioides</i> Meissn.	23
<i>nil</i> (L.) Roth.	24
<i>padillae</i> O'Donell	24
<i>purpurea</i> (L.) Roth	24
<i>uruguayensis</i> Meissn.	25
<i>variifolia</i> Meissn.	25
aff. <i>tiliacea</i> Choisy	25
<i>viridis</i> Choisy?	26
<i>Jacquemontia heterotricha</i> O'Donell	26
<i>selloi</i> (Meissn.) Hall. f.	27
<i>Merremia cissoides</i> (Lam.) Hall.f.	27
<i>dissecta</i> (Jacq.) Hall.f.	28

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