

# PESQUISAS

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BOTÂNICA, Nº 36

Ano 1984

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BALDUÍNO RAMBO, S.J.

**GRAMINEAE RIOGRANDENSES**

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Instituto Anchietao de Pesquisas  
São Leopoldo - Praça Tiradentes, 35 - Rio Grande do Sul - Brasil

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## APRESENTAÇÃO

O alentado trabalho "Gramineae Riograndenses" que B. Rambo deixou em forma de manuscrito é resultado de exaustiva pesquisa de campo e laboratório sobre umas das maiores e, sem dúvida, a mais importante das famílias de plantas do Estado do Rio Grande do Sul. O farto material estudado e as preciosas anotações de habitat, deram oportunidade ao Padre Balduino Rambo de apresentar um precioso trabalho de cunho taxonômico e ecológico.

Somos de opinião que este rico depositário de informações agrostológicas deva ser publicado, o que honrará a entidade que o acolher. Desta forma um público bem maior terá ao seu alcance a enorme experiência de Rambo refletida neste trabalho.

Como todo e qualquer trabalho científico, este também apresenta lacunas que pretendemos analisar.

1 – O trabalho não apresentou chaves para os gêneros e espécies, constante que se repete em todos os trabalhos publicados deste renomado botânico gaúcho.

2 – Rambo não é cioso em usar a nomenclatura atualizada dos nomes científicos de acordo com o Código Internacional de Nomenclatura Botânica. Acresce que muita coisa mudou após sua morte prematura.

Verificamos que diversos binômios citados, hoje jazem no vasto cemitério da sinonímia. Rambo cultivava um receio por criação de "espécies novas", e por isso, "forçava" o enquadramento de plantas em taxa já publicados, que hoje reconhecidamente são boas espécies aceitas.

Para exemplificar aqui vai uma lista parcial de binômios atualizados:

- *Agrostis ramboi* Parodi = *Agrostis hygrometrica* Nees
- *Andropogon virgatus* (Spreng.) Nees = *Hypogynum virgatum* (Desvaux) Dandy
- *Arthrostylidium trinii* (Rupr.) Munro = *Chusquea mimosa* McClure & Smith
- *Briza calotheca* (Trin.) Hack. = *Poidium calotheca* (Trinius) Matthei
- *Briza juergensii* Hack. = *Poidium juergensii* (Hack.) Matthei

- *Briza lamarckiana* Nees = *Chascolytrum lamarckianum* (Nees) Matthei
- *Briza poaeomorpha* (Presl) Heunr. = *Poidium poaeomorphum* (Presl.) Matthei
- *Briza rufa* (Presl) Steud. = *Poidium rufum* (Presl) Matthei
- *Briza stricta* (Hook. et Arn.) Steud = *Poidium monandrum* (Hackel) Matthei
- *Briza subarista* Lam. = *Chascolytrum subaristatum* (Lamarck) Desvaux
- *Briza triloba* Nees = *Chascolytrum subaristatum* (Lamarck) Desvaux
- *Briza uniolae* Nees = *Poidium uniolae* (Nees) Matthei
- *Cortaderia rudiuscula* Stapf = *Cortadeira vaginata* Swallen
- *Guadua trinii* Nees = *Bambusa trinii* Nees
- *Ischaemum urvilleanum* Kunth = *Ischaemum minus* Presl
- *Merostachys burchell* Munro = *Merostachys multiramea* Hackel
- *Paspalum vaginatum* Swartz = *Paspalum distichum* L.
- *Sporobolus poiretii* (B. et S.) Hitchc. = *Sporobolus indicus* (L.) R. Brown

Tais “senões” não diminuem o valor deste último manuscrito de Rambo, sobre o qual ele prostrou a cabeça, quando acometido de um mal fulminante, *dormiens in Domino*. Ao agrostólogo é fácil detectar e solucionar os problemas de sinonímia.

Somos de opinião que “Gramineae Riograndenses” deva ser publicado na forma como Rambo deixou o manuscrito. É valioso, portanto útil aos pesquisadores da flora rio-grandense e brasileira.

Itajaí, 10 de maio de 1983

Dr. Raulino Reitz

Prof. Ronaldo Wasum conferiu o manuscrito com as anotações do fichário do Herbarium Anchieta e anotou ao pé da página as modificações introduzidas desde a morte do autor.

O editor

## GRAMINEAE RIOGRANDENSES

**B. Rambo SJ.**

**Resumo:** Em trinta anos de herborização no extremo sul do Brasil, o autor reuniu 3124 números de Graminae em ... gêneros e 301 espécies, determinadas na maioria pelos especialistas americanos da família; o resultado é aqui apresentado como primeira aproximação à agrostologia do Rio Grande do Sul.

**Zusammenfassung:** Verfasser hat in dreissig Jahren Sammelarbeit im südlichsten Brasilien 3124 Nummern aus der Familie der Gräser zusammentragen, die zum grössten Teil von den amerikanischen Fachkennern der Familie bearbeitet wurden und ... Arten in 301 Gattungen enthalten; die folgende Aufzählung will weiter nichts sein als ein Beitrag zur zukünftigen Gesamtdarstellung der Gramineen in Rio Grande do Sul.

Although the Grasses represent at least 10% of the Riograndean phanerogamous flora, their knowledge is very far from being satisfactory. Flora Brasiliensis II 2,3 (1871-1883, Döll and Hackel) mentions no more than 15 species as collected within this State. Lindman records passing (1900) 69 components of the Campos. Bornmüller (1934) collected only 13 species on the northeastern Highlands, and Malme (1936) 46 from the southernmost sea coast.

Somewhat better was the situation as to the collected and partially determined material. The Herbarium Dutra (about 1890-1939), among 1629 collections of ferns, legums and composites, has 253 ones of mostly determined Grasses; and the Herbarium Araujo (about 1920-1961) contains, in round number, 250 species determined by Chase and Parodi. Both of them remain unpublished.

As in almost all other Families, the Grasses of the Republic of Uruguay is by far better known than that of Rio Grande do Sul. Arechavaleta (1894) has about 180 species, Herter (1930) about 280 natives ones.

Santa Catarina, northern neighbor State to Rio Grande do Sul, had, according to Reitz (1956), 185 known species.

The total number of Gramineae in Rio Grande do Sul and its immediate neighborhood, cited in literature or herbaria, published or unpublished, is 570 (taken at face value.).

The Herbarium Anchieta (1931-1961, PACA) contains 3124 collections of Gramineae with 301 species in ... genera. For the following enumerations some geographic symbols may be useful for an easier orientation:

- 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: subtropical rain forest.
- NEH – northeastern Highlands: Campos, swamps, Araucaria forests.
- SEC – south eastern sea coast: Campos, swamps, dry plains, woodlets, gallery.
- SEH – southeastern hills lands: dry Campos, woodlets, gallery.
- SW – southwestern plains: dry Campos, swamps, gallery, sandstone hills.
- CL – central Lowlands: similar to the precedent.
- CS – central slope of the Serra Geral: subtropical rain forest.
- CH – central highlands: Campos, swamps, woodlets, gallery.
- NWH – northwestern Highlands: partly Campos, partly rain forest.
- NWU – rain forest belt in the valley of the Uruguay River.
- RGS – Rio Grande do Sul.
- SC – Santa Catarina.
- Ur – Uruguay.

In almost all cases, one or more specimens have been determined by Chase, Parodi, or Swallen, sometimes by two or all of them; divergences are duly annotated. Where there is no indication as to collector and determinator, collection was made by B. Rambo SJ, and determination by B. Rambo SJ and K. Emrich in common work; the latter also obtains when determinator is omitted.



**AGROSTIS L.**

**Agrostis hygronometrica** Nees, *Agrost. Bras.* (1829) 404; Malme, *Sv. Bot. Tidskr.* 30 (1936) 11. — *Bromidium hygrometricum* Nees et Mey., *Nov. Act. Cur.* 17, Suppl. 2 ( ) 154; Döll, *Fb* 3,2 (1876) 103.

**29318** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus humidis, 26.10.1945, fl., det. Swallen. (2)

**37986** RGS, Barra do Ribeiro p. P. Alegre, NEL, in arenosis humidis, 14.11.1948, fr., det. Swallen. (2)

**54418** RGS, Vila Manresa p. P. Alegre, NEL, in agro subhumido, 12.11.1953, fl., fr., det. Swallen. (2)

**Habit:** 20 cm high, in dense stands.

**Habitat:** Wet, rocky, more or less bare places.

**Distribution in RGS:** Central and northeastern Lowlands.

**General distribution:** RGS.

**Agrostis juergensii** Hack.,

**2714** S. Leopoldo, NEL, in humidis graminosis, 25.11.1935, fr., leg. C. Orth SJ, det. Chase, Parodi. (1)

**37867** RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus alte graminosis, 6.11.1948, fr. (1)

**38005** RGS, Barrã do Ribeiro, NEL, in arenosis humidis, 14.11.1948, fr., det. Swallen. (1)

**Habit:** 60 cm high.

**Habitat:** Somewhat wet, grassy to shrubby Campos.

**Distribution in RGS:** Northeastern Lowlands.

**General distribution:** Central and northeastern Lowland Campos of RGS.

**Agrostis koelerioides** E. Desv. *E. Desv. in Gay, Flor. Chil.* 6 ( ) 317; Malme, *Sv. Bot. Tidskr.* 30 (1936) 11.

**749** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus, 15.10.1932, fr., leg. C. Orth SJ, det. Chase; Parodi: var. *pampeana* Par. (2)

**57012** RGS, in summo monte Sapucaia p. S. Leopoldo, NEL, in rupestribus parce humosis, 26.10.1955, fl. (2)

**57214** RGS, Vila Manresa p. P. Alegre, NEL, in incultis, 15.10.1955, fl. (2)

**62575** RGS, Garibaldi, NEH, in incultis, 13.10.1957, fl., leg. O. Camargo 2066. (2)

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(1) = *Agrostis hygrométrica* Nees.

(2) = *Agrostis tandlensis* (O.K.) Parodi, det. A. Normann, 1974.

**Habit:** 20 cm, in dense stands.

**Habitat:** Somewhat wet, rocky places with thin soil layer.

**Distribution in RGS:** Northeastern Lowlands and Highlands.

**General distribution:** Chile; RGS.

***Agrostis longiberbis* Hack.,**

**36481** RGS, Cambará p. S. Francisco de Paula, NEH, in humidis graminosis, 2.1948, fl., det. Swallen. (3)

**62970** RGS, Lageadinho p. Bom Jesus, NEH, in campestribus, 10.1.1958, fl., leg. O. Camargo 3113. (3)

**Habit:** Dense bunches, 30 cm high.

**Habitat:** Somewhat wet, grassy places.

**Distribution in RGS:** Northeastern Lowlands and Highlands.

**General distribution:** RGS.

***Agrostis montevidensis* Spreng. ap. Nees, *Agrost.* Bras. (1829) 403; Döll, *FB* 2,3 (1878) 28, tab. 7, fig. 2; Ekman, *Ark. f. Bot.* 13, n. 10 (1913); Reitz, *Sellowia* 7 (1956) 96; Arechavaleta, *Gram. Ur.* (1894) 286.**

**860** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus subhumidis, 15.10.1933, fr., leg. C. Orth SJ, det. Chase.

**6994** SC. Lages, in graminosis, 1935, fr., leg. A. Bruxel SJ, det. Swallen.

**33539** Ur, Juan Jackson p. Soriano, in campestribus subhumidis, 1.1944, fr., leg. et det. Rosengurt PE-5415.

**36468** RGS, Cambará p. S. Francisco de Paula, NEH, in campestribus subhumidis, 2.1948, fr., det. Swallen.

**37097** Chile, Cautín, in prato, 3.12.1945, fl., leg. H. Gunkel, det. Parodi.

**38074** RGS, Vila Manresa p. P. Alegre, NEL, in subhumidis, 17.11.1948, fr., det. Swallen.

**48370** SC, Campo dos Padres p. Bom Retiro, in campestribus humidis, 17.12.1948, fr., leg. R. Reitz 3409, det. Swallen.

**54319** RGS, Fachinal Preto p. Bom Jesus, NEH, in dense graminosis, 29.1.1950. leg. R. Reitz 4997, det. Swallen.

**54996** RGS, Vila Oliva p. Caxias, NEH, in campestribus alte graminosis, 24.2.1954, fr.

**55060** RGS, ibidem, 24.2.2954, fr., det. Swallen.

**56378** RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in campestribus subhumidis, 2.1.1955, fl.

**59678** RGS, Farroupilha, NEH, in subhumidis, 16.5.1956, fr., leg. O. Camargo 672.

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(3) = ***Agrostis lenis*** Roseng. (?), det A. Normann.

**60086** SC, Campo dos Padres p. Bom Retiro, in subhumidis, 22.1.1957, fr.

**60616** RGS, Farroupilha, NEH, in humidis, 16.5.1956. fr., leg. O. Camargo 672.

**60821** RGS, ibidem, 5.6.1957, fl., leg. O. Camargo 1580.

**64211** SC, S. Joaquim, in campestribus, 10.1.1958, fl., leg. Mattos.

**Habit:** Thick bunches, very smooth, 30 cm high.

**Habitat:** More or less wet Campos.

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

**General distribution:** From Minas Gerais to Ur.

*Agrostis ramboi* Par., Bol. Soc. Arg. Bot. 1,n.2 (1946) 119, fig. 1; Reitz, Sellowia 7 (1956) 96.

**9068** RGS, Bom Jesus, NEH, ad rupes in rivulo, 16.1.1942, fr., det. Parodi.

**35146** RGS, Fazenda da Ronda p. Vacaria, NEH, ad rupes in rivo, 15.1.1947, fl., det. Parodi.

**36444** RGS, Cambará p. S. Francisco de Paula, NEH, ad rupes in rivo, 2.1948, fr., det. Swallen.

**44633** RGS, Vila Oliva p. Caxias, NEH, ad rupes in rivo, 3.12.1949, fr., det. Parodi.

**45458** RGS, Serra da Rocinha p. Bom Jesus, NEH, ad rivum in rupestribus, 18.1.1950, fr., det. Parodi.

**48371** SC, Campo dos Padres p. Bom Retiro, in ripariis alte graminosis, 17.12.1948, fr., leg. R. Reitz 3416, det. Swallen.

**54717** RGS, Fazenda Englert p. S. Francisco de Paula, NEH, ad rupes in rivulo, 1.1.1954, fr., det. Swallen.

**56403** RGS, ibidem, 2.1.1955, fl.

**60074** SC, Campo dos Padres p. Bom Retiro, ad rupes in flumine Uruguay supremo, 22.1.1957, fl.

**Habit:** Dense stands, 40 cm high.

**Habitat:** Flooded rocks.

**Distribution in RGS:** Northeastern Highlands.

**General distribution:** Highlands of SC and RGS.

## AMPHIBROMUS Nees

*Amphibromus rubrivalvis* (Trin.) Swallen, Herter, Fl. Ur. (1930) 35. *Avena scabrivalvis* Trin., Bull. Sci. Ac. Pétersb. 1 (1836) 67.

**57141** RGS, Vila Manresa p. P. Alegre, NEL, in palude, 4.11.1955, fl.

**Habit:** Erect, slender, 1 m high.

**Habitat:** Sparsely vegetated swamp.

**Distribution in RGS:** Northeastern Lowlands.

**General distribution:** Chile, Bolívia, Argentina, Ur, RGS.

## ANDROPOGON L.

**Andropogon arenarius** Hack.,

Arechavaleta, Gram. Ur. (1894) 224; Herter, Fl. Ur. (1930) 26; Malme, Sv. Bot. Tidskr. 30 (1936) 9; Reitz, Sellowia 7 (1956) 96.

**54344** SC, Laguna, ad litus in arenosis, 29.2.1952, fl., leg. R. Reitz 5040, det. Swallen.

**63088** RGS, Pelotas, SEC, in siccis graminosis, 11.3.1956, fl., leg. Schlichting.

**Habit:** Dense bunches, 30 cm high.

**Habitat:** Dry sandy places.

**Distribution in RGS:** Sea coast.

**General distribution:** SC, RGS, Ur.

**Andropogon bicornis** L., Spec. Plant. (1753) 1046; Hackel, FB 2,3 (1883) 283; Ekman, Ark. f. Bot. 11, n. 4 (1912) 6; idem, Ark. f. Bot. 13, n. 10 (1913) 8; Reitz, Sellowia 7 (1956) 96.

**1002** RGS, S. Leopoldo, NEL, in campestribus alte dumosis, 10.4.1934, fr., leg. C. Orth SJ, det. Chase.

**31689** SC, Sombrio p. Araranguá, in alte dumosis, 6.2.1946, fr.

**58920** RGS, Estação de Silvicultura p. Sta. Maria, CL, in campestribus alte graminosis, 20.2.1956, fl., leg. O. Camargo 22.

**63658** RGS, P. Alegre, NEL, in dumosis, 8.3.1957, fl., leg. Camargo.

**Habit:** Tall bunches, up to 1 m high.

**Habitat:** More or less wet, shrubby Campos.

**Distribution in RGS:** Central and northeastern Lowlands, sea coast.

**General distribution:** Through the whole of tropical and subtropical America, down to Uruguay.

**Andropogon condensatus** H. B. K., Nov. Gen. 1 ( )188; Hackel, FB 2,3 (1883) 296; Arechavaleta, Gram. Ur. (1894) 220; Herter, Flor. Ur. (1930) 26; Reitz, Sellowia 7 (1956) 96.

**6953** SC, Lages, in campestribus siccis alte graminosis, 1935, fr., leg. A. Bruxel SJ, det. Swallen.

**6955** SC, ibidem, leg. A. Bruxel SJ, det. Swallen.

**7005** SC, ibidem, 1935, fr., leg. A. Bruxel, det. Swallen.

**9841** RGS, Tupanciretan, NWH, in campestribus siccis, 29.1.1942, fr.

**26275** RGS, Fazenda do Jarau p. Quaraí, SW, in campestribus siccis dumosis, 1.1945, fr.

31207 RGS, sine loco, sine die, fl.

33467 RGS, S. Leopoldo, NEL, in campestribus siccis dumosis, 25.7.1946, fr., leg. E. Henz SJ.

52759 RGS, Belém Novo p. P. Alegre, NEL, in campestribus alte graminosis, 3.7.1952, fr., leg. et det. A. Beetle 1586.

54994 RGS, Vila Oliva p. Caxias, NEH, in subhumidis alte graminosis, 24.2.1954, fr., det. Swallen.

55343 SC, Mafra, in campestribus subhumidis, 26.1.1933, fr., leg. R. Reitz 7188, det. Swallen.

55673 RGS, Fachinal Preto p. Bom Jesus, NEH, 29.01.1950, in campestribus subhumidis leg. R. Reitz 5172, det. Swallen. (4)

56728 RGS, Vila Oliva p. Caxias, NEH, in campestribus humidis, 8.2.1955, fr. (5)

**Habit:** Dense bunches, up to 1 m high.

**Habitat:** Dry to wet, open to shrubby Campos.

**Distribution in RGS:** Fairly common all over de Campos area.

**General distribution:** From Ecuador to Paraguay, South Brazil and Uruguay.

*Andropogon consanguineus* Kunth, Enum. 1 ( ) 494; Hackel, FB 2,3 (1883) 237; Herter, Fl. Ur. (1930) 27.

848 RGS, Sapucaia p. S. Leopoldo, NEL, in campestribus arenosis dumosis, 10.6.1933, fl., leg. C. Orth SJ, det. Chase.

38033 RGS, Vila Manresa p. P. Alegre, NEL, in rupestribus parce humosis, 17.11.1948, fr.

44467 RGS, Granja Neugebauer p. Itapoan, NEL, in humidis parce humosis, 19.11.1949, fr., det. Swallen.

45317 RGS, Serra da Rocinha p. Bom Jesus, NEH, in turfosis, 18.1.1950, fr.

52742 RGS, Uruguiana, SW, in alte graminosis, 1.8.1952, fr., leg. et det. Beetle.

**Habit:** Dense bunches, 40 cm high.

**Habitat:** More or less dry, grassy, Campos.

**Distribution in RGS:** Southwestern plains, notheastern Lowlands; probably over the whole of the Campos area.

**General distribution:** From Amazonia to Uruguay.

*Andropogon glaucescens* H. B. K., Nov. Gen. et Spec. 1 ( ) 186; Hackel, FB 2,3 (1883) (var. *genuinus* Hack.); Arechavaleta, Gram. Ur. (1894) 225.

(4) = *Axonopus affinis* Chase, det Swallen, 04.04.1935.

(5) = *Hypogynium virgatum* (Desv.) Dandy, det. A. M. Barcellos Hervé, 27.09.1982.

**870** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis, 15.10.1933, fr., leg. C. Orth SJ, det. Chase.

**Habit:** Dense bunches, 50 cm high.

**Habitat:** Dry, open, Campos.

**Distribution in RGS:** NEL, apparently rare.

**General distribution:** From Goiás and Minas Gerais to Uruguay.

**Andropogon hassleri** Hack.,

**52756** RGS, Sto Antônio da Patrulha, NEL, in campestribus alte graminosis, 29.6.1952, fr., leg. et det. A. Beetle.

**58944** RGS, Estação de Silvicultura p. Sta Maria, CL, in alte graminosis, 1.3.1956, fr., leg. O. Camargo 137.

**Habit:** Up to 1 m high.

**Habitat:** Dry, secondary growth.

**Distribution in RGS:** Central and northeastern Lowlands, probably of wider dispersion.

**Andropogon hypogynus** Hack.,

**2516** RGS, Portão p. S. Leopoldo, NE, in subpaludosis alte dumosis, 17.6.1936, fr., leg. C. Orth SJ, det. Chase.

**Habit:** 40 cm high.

**Habitat:** Swampy, more or less shrubby places.

**Distribution in RGS:** Northeastern Lowlands.

**General distribution:** From Piauí to RGS.

**Andropogon imberbis** Hack.,

Arechavaleta, Gram. Ur. (1894) 216; Herter, Fl. Ur. (1930) 27.

**37842** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis, 4.11.1948, fr., det. Swallen.

**57542** RGS. ibidem, 19.11.1955, fl.

**61992** RGS, Farroupilha, NEH, in siccis dense graminosis, 18.11.1957, fl., leg. O. Camargo 2572.

**64342** SC, S. Joaquim, in campestribus, 1.2.1958, fl., leg. J. Mattos.

**Habit:** Dense, stiff bunches, up to 60 cm high.

**Habitat:** Dry, open Campos.

**Distribution in RGS:** Northeastern Lowlands and Highlands.

**General distribution:** RGS and Uruguay.

**Andropogon lateralis** Nees, Agrost. Bras. (1829) 329; Ekman, Ark. f. Bot. 11, n. 4 (1912) 6; idem, Ark. f. Bot. 13, n. 10 (1913) 8; Herter, Fl. Ur. (1930) 27. — *An. glaucescens* H. B. K. var. *lateralis* (Nees) Hack., FB 2,3 (1883) 289; Arechavaleta, Gram. Ur. (1894) 227. Reitz, Sellowia 7 (1956) 96.

- 7007 SC, Lages, in campestribus subhumidis, 1935, fr., leg. A. Bruxel SJ, det. Swallen, ( var. *incanus* (Hack.) Henr.).
- 10833 RGS, Lagoa Vermelha, NEH, in campestribus subhumidis, 1.1943, fr., leg. E. Friderichs SJ.
- 25576 RGS, Fazenda Sta Cecília, SW, p. S. Gabriel, in campestribus subhumidis, 1.1944, fr.
- 25581 RGS, ibidem, 1.1944, fr.
- 25606 RGS, ibidem, 1.1944, fr., det. Swallen (var. *incanus* (Hack.) Henr.)
- 27759 S. Paulo, Campos do Jordão, in subhumidis, 1.1944, fr., leg. E. Friderichs SJ, det. Swallen (var. *incanus* (Hack.) Henr.).
- 27804 S. Paulo, ibidem, 1.1944, fr., leg. E. Friderichs SJ, det. Swallen (var. *incanus* (Hack.) Henr.)
- 30220 Ur. Tacuarembó, in campestribus arenosis, 3. 1945, fr. leg. et det. B. Rosengurt 5-4739, (var. *incanus* (Hack.) Henr.)
- 30727 RGS, Vila Oliva p. Caxias, NEH, in campestribus subhumidis, 28. 1.1946, fr., det. Swallen (var. *incanus* (Hack.) Henr.).
- 36458 RGS. Cambará p. S. Francisco de Paula, NEH, in campestribus graminosis, 2.1948, fr., det. Swallen (var. *incanus* (Hack.) Henr.).
- 39337 RGS, Belém Novo p. P. Alegre, NEL, in campestribus subsiccis, 31.12.1948, fr.
- 40797 RGS, Sapucaia p. S. Leopoldo, NEL, in campestribus dumosis, 1.4.1949, fr., det. Swallen.
- 40898 RGS, ad montem das Cabras p. S. Leopoldo. NEL, in campestribus subhumidis, 8.4.1949, fr., det. Swallen.
- 44950 RGS, Canela p. Gramado in campestribus siccis, 26.12.1949, fl.
- 45372 RGS. Serra da Rocinha p. Bom Jesus, NEH, in campestribus turfosis, 18.1.1950, fr.
- 45579 RGS, Taimbesinho p. S. Francisco de Paula, NEH, in campestribus subhumidis, 30.1.1950, fr.
- 50423 RGS. Serra da Rocinha p. Bom Jesus, NEH, in campestribus subhumidis, 19.1.1950, fr., leg. A. Sehnem SJ 4268.
- 50456 RGS, ibidem, 19.1.1950, fr., leg. A. Sehnem SJ 4251.
- 50849 Paraná, S. Luiz de Purunha p. C. Largo, in campestribus subturfosis, 4.12.1949, fr., leg. G. Hatschbach 1635, det. Parodi.
- 50900 Paraná, Piraquara, in subpaludosis dumosis, 17.12.1950, fl., leg. G. Hatschbach 2051, det. Parodi.
- 52758 RGS, Belém Novo p. P. Alegre, NEL, in campestribus alte graminosis, 13.7.1952, fl.
- 54313 RGS, Fachinal Preto p. Bom Jesus, NEH, in campestribus dense graminosis, 29.1.1950, leg. R. Reitz 4986, det. Swallen.
- 54321 RGS. ibidem, 29.1.1950, leg. R. Reitz 4999, det. Swallen.
- 54343 SC, Laguna, ad litus in arenosis, 29.2.1952, leg. R. Reitz 5039, det. Swallen.

- 54362** SC, Cambajuva p. S. Joaquim, in campestribus dense graminosis, 29.1.1950, leg. R. Reitz 5075, det. Swallen.
- 54364** SC, Bom Jardim p. S. Joaquim, in campestribus dense graminosis, 29.1.1950, fl., leg. R. Reitz 5077, det. Swallen.
- 54716** RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in campestribus dumosis, 1.1.1954, fr., det. Swallen.
- 54995** RGS, Vila Oliva p. Caxias, NEH, in campestribus alte graminosis, 24.2.1954, fr., det. Swallen.
- 55345** SC, Massiambú p. Palhoça, in arenosis dense graminosis, 19.12.1952, leg. R. Reitz 7186, det. Swallen.
- 55430** SC, Massiambú p. Palhoça, in graminosis arenosis, 19.12.1952, fl., leg. R. Reitz 7056, det. Swallen.
- 55434** SC, Serra da Boa Vista p. S. José, in dense graminosis, 2.2.1953, fl., leg. R. Reitz 7048, det. Swallen.
- 55439** SC, Mafra, in dense graminosis, 26.1.1953, fl., leg. R. Reitz 7043, det. Swallen.
- 55672** RGS, Fachinal Preta p. Bom Jesus, NEH, in campestribus dense graminosis, 29.1.1950, fl., leg. R. Reitz, 5179, det. Swallen.
- 56302** RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in dense graminosis, 2.1.1955, fl.
- 58048** SC, Massiambú p. Palhoça, in arenosis, 24.9.1953, fr., leg. R. Reitz 8321, det. Swallen.
- 59168** RGS, in summo monte Sapucaia p. S. Leopoldo, NEL, in rupestribus parce humosis, 3.2.1956, fr.
- 60445** RGS, Estação de Silvicultura p. Sta Maria, CL, in campestribus subdumosis, 8.4.1956, fr., leg. O. Camargo 563.
- 61671** RGS, Taquarí, NEL, in campestribus, 10.12.1957, fl., leg. O. Camargo 2849.
- 62870** RGS, P. Alegre, NEL, in campestribus, 8.2.1958, fl., leg. O. Camargo 3140.
- 62957** RGS, Lageadinho p. Bom Jesus, NEH, in campestribus, 20.1.1958, fl., leg. O. Camargo 3130.
- 63090** RGS, Pelotas, in campestribus, 11.3.1956, fl., leg. Schlichting.
- 63091** RGS, ibidem, 10.3.1951, fl., leg. Schlichting.
- 64269** SC, S. Joaquim, in campestribus, 20.1.1958, fl., leg. J. Mattos.

**Habit:** Dense bunches, stalks up to 1 m high.

**Habitat:** Dry to moderately wet Campos.

**Distribution in RGS:** One of the most common Campos grasses throughout the whole of the Campos area, especially on the northeastern Highlands where it is dominant.

**General distribution:** From Minas Gerais to Uruguay.



**Andropogon leucostachyus** H.B.K., Nov. Gen. et Spec. 1 ( ) 187; Arechavaleta, Gram. Ur. (1894) 221; Herter, Flor. Ur. (1930) 27; Reitz, Sellowia 7 (1956) 96. – *A. virginicus* L., ssp. *leucostachyus* (H.B.K.) Hack., FB 2,3 (1883) 286.

**38204** RGS, Sapucaia p. S. Leopoldo, NEL, in campestribus siccis, 22.11.1948, fr., det. Swallen.

**39330** RGS, Belém Novo p. P. Alegre, NEL, in campestribus siccis dumosis, 31.12.1948, fr., det. Swallen.

**39931** RGS, ad montem Ferrabraz p. Novo Hamburgo, NEL, in campestribus siccis, 12.1.1949, fr.

**39937** RGS, ibidem, in secundariis, 12.1.1949, fr.

**40757** RGS, Sapucaia p. S. Leopoldo, NEL, in arenosis, 1.4.1949, fr., det. Swallen.

**40808** RGS, ibidem, 1.4.1949, fr., det. Swallen.

**47583** SC, Morro do Baú p. Itajaí, in summo monte in dumosis, 29.1.1948, fr., leg. R. Reitz 3070, det. Asplund.

**48356** SC, Figueiredo p. Bom Retiro, in alte dumosis, 28.12.1948, fr., leg. R. Reitz 3459, det. Swallen.

**55373** SC, Massiambú p. Palhoça, in arenosis, 19.12.1952, fl., leg. R. Reitz 7153, det. Swallen.

**55401** SC, Praia Braba p. Itajaí, in arenosis, 5.3.1953, fl., leg. R. Reitz 7109, det. Swallen.

**55410** SC, Massiambú p. Palhoça, in arenosis, 5.2.1933, fl., leg. R. Reitz 7088, det. Swallen.

**55423** SC, ibidem, 12.3.1953, leg. R. Reitz 7068, det. Swallen.

**57027** RGS, ad montem Sapucaia p. S. Leopoldo, NEL, in graminosis siccis, 26.10.1955, fl.

**59383** RGS, Farroupilha, NEH, in alte graminosis, 15.11.1956, fl., leg. O. Camargo 956.

**59384** RGS, ibidem, 25.11.1956, fl., leg. O. Camargo 1027.

**61994** RGS, Taquarí, NEL, in alte graminosis, 8.12.1957, fl., leg. O. Camargo 2688.

**61995** RGS, ibidem, 10.12.1957, fl., leg. O. Camargo 2854.

**61996** RGS, P. Alegre, NEL, in alte graminosis, 19.11.1957, fl., leg. O. Camargo 2588.

**63660** RGS, ibidem, 8.3.1957., leg. O. Camargo.

**Habit:** Thin bunches, stalks slender, up to 1 m high.

**Habitat:** Common on more or less dry Campos.

**Distribution in RGS:** Northeastern Lowlands and Highlands.

**General distribution:** From Guyana and Venezuela to Uruguay.

**Andropogon lindmanii** Hack.,  
Malme, Sv. Bot. Tidskr. 30 (1936) 9.

**1960** RGS, Vacaria, NEH, in campestribus subhumidis, 6.1.1935, fr., leg. et det. Dutra.

**2514** RGS, in summo monte Steinkopf p. S. Leopoldo, NEL, in campestribus subhumidis, 10.6.1936, fr., leg. C. Orth SJ, det. Parodi.

**7439** RGS, S. Leopoldo, NEL, in alte graminosis, 1907, fr., leg. F. Theissen SJ.

**Habit:** Dense bunches, stalks up to 75 cm high.

**Habitat:** Dry to more or less wet places.

**Distribution in RGS:** Souteastern coast, northeastern Lowlands and Highlands.

**General distribution:** Apparently RGS only.

*Andropogon macrothrix* Trin., Mém. Ac. St. Pétersb. sér. 6,2 ( ) 270; *A. ternatus* (Spreng.) Nees, ssp. *macrothrix* (Trin.) Hack., FB. 2,3 (1883) 287; Ekman, Ark. f. Bot. 13,n.10 (1913) 8.

**36448** RGS, Cambará p. S. Francisco de Paula, NEH, in alte graminosis, 2.1948, fr., det. Swallen.

**48304** SC, Campo dos Padres p. Bom Retiro, in campestribus, 22.2.1948, fr., leg. R. Reitz 3376, det. Swallen.

**48355** SC, Figueiredo p. Bom Retiro, in campestribus humidis dumosis, 28.12.1948, fr., Leg. R. Reitz 3471, det. Swallen.

**50852** Paraná, Piraquara, in campestribus, 13.11.1949, fr., leg. G. Hatschbach 1615, det. Parodi.

**54335** RGS, Fachinal Preto p. Bom Jesus, NEH, in campestribus subhumidis, 28.1.1950, fr., leg. Reitz 5023, det. Swallen.

**54703** RGS, Fazenda Englert p. S. Francisco, NEH, in campestribus dense graminosis, 1.1.1954, fr., det. Swallen.

**59382** RGS, Farroupilha, NEH, in alte graminosis, 15.11.1956, fl., leg. O. Camargo 933.

**60079** SC, Campo dos Padres p. Bom Retiro, in campestribus subsiccis, 20.1.1957, fr.

**Habit:** Thin bunches, stalks about 50 cm high.

**Habitat:** Dry to moderately wet Campos.

**Distribution in RGS:** Northeastern Lowlands and Highlands.

**General distribution:** From Goiás and Minas Gerais to RGS.

*Andropogon paniculatus* Kunth, Enum. 1 ( ) 494. — *A. condensatus* H.B.K. var. *paniculatus* (Kunth) Hack., FB 2,3 (1883) 297; Arechavaleta, Gram. Ur. (1894) 221.

**747** RGS, S. Leopoldo, NEL, in siccis dumosis, 10.1.1933, fr., leg. C. Orth SJ. det. Chase.

**7049** SC, Lages, in siccis dumosis, 1935, fr., leg. A. Bruxel SJ. det. Swallen.

- 25565 RGS, Fazenda Sta Cecília p. S. Gabriel, SW, in campestribus siccis alte graminosis, 1.1944, fr., det. Swallen.
- 28850 RGS, Caracol p. Canela, NEH, in campestribus dumosis, 5.2.1945, fr., leg. K. Emrich. (6).
- 30741 RGS, Vila Oliva p. Caxias, NEH, in campestribus siccis dumosis, 28.1.1946, fr.
- 32973 RGS, Parecí p. Montenegro, NEL, in campestribus siccis dumosis, 15.1.1946, fr., leg. C. Ritter SJ, det. Swallen. (6)
- 35167 RGS, Fazenda da Ronda p. Vacaria, NEH, in siccis dumosis, 15.1.1947, fr.
- 39928 RGS, ad montem Ferrabraz p. Novo Hamburgo, NEL, in secundariis arenosis, 12.1.1949, fr.
- 41334 RGS, Morretes p. P. Alegre, NEL, in arenosis dumosis, 2.5.1949, fr.
- 46223 RGS, Cristo Rei p. S. Leopoldo, NEL, in campestribus siccis dumosis, 10.3.1950, fr., det. Parodi.
- 46806 RGS, Fazenda do Arroio p. Osório, NEC, in campestribus arenosis siccis, 14.4.1950, fr.
- 47715 SC, Brusque, in dumosis secundariis, 6.3.1948, fr., leg. R. Reitz 2876, det. Parodi. (6)
- 48923 RGS, Estação de Silvicultura p. Sta Maria, CL, in campestribus alte dumosis, 28.2.1956, fr., leg. O. Camargo 11.
- 59821 RGS, Farroupilha, NEH, in dumosis, 25.3.1947, fl., leg. O. Camargo 1319.
- 58922 RGS, Estação de Silvicultura p. Sta Maria, CL, in alte graminosis, 28.2.1956, fl., leg. O. Camargo 16.
- 60246 RGS, Farroupilha, NEH, in alte graminosis, 14.1.1957, fr., leg. O. Camargo 1111.
- 60439 RGS, Estação de Silvicultura p. Sta Maria, CL, in alte dumosis, 8.4.1956, fr., leg. O. Camargo 592.
- 60732 RGS, Passo Fundo, CH, in campestribus, 4.1957, fr., leg. P. Freddiani.
- 61993 RGS, Taquari, NEL, in alte graminosis, 8.12.1957, ster., leg. O. Camargo 2861.
- 63089 RGS, Pelotas, SEC, in alte graminosis, 10.3.1956, fl., leg. Schlichting.

**Habit:** Large brownish bunches, up to 1 m high.

**Habitat:** Shrubby Campos and secondary growth.

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

**General distribution:** Southern Brazil to Uruguay.

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(6) = *Schizachyrium microstachium* (Desv.) R. A. I. ssp. *microstachyum*, det. A. M. Barcellos Hervé, 27.09.1982.

**Andropogon saccharoides** Swartz, Prodr. Veg. Ind. Occid. ( ) 26; Hackel, FB 2,3 (1883) 292; Arechavaleta, Gram. Ur. (1894) 228; Ekman, Ark. f. Bot. 11,n.4 (1912) 8; Herter, Fl. Ur. (1930) 27.

**2721** RGS, Kappesberg p. Montenegro, NES, in dumosis secundariis, 4.1.1936, fr., leg. C. Orth SJ, det. Chase (Parodi: A. hassleri Hack.).

**26311** RGS, Fazenda do Jarau p. Quaraí, SW, in siccis alte graminosis, 1.1945, fr.

**40704** RGS, Cristal p. P. Alegre, NEL, in arenosis alte graminosis, 31.3.1949, fr., det. Swallen.

**41216** RGS, ad fl. Caí inferius p. P. Alegre, NEL, in alte dumosis, 27.4.1949, fr., det. Swallen.

**41572** RGS, ad montem Ferrabraz p. Novo Hamburgo, NEL, in secundariis arenosis, 16.5.1949, fr., det. Swallen.

**42436** RGS, Parecí p. Montenegro, NEL, in secundariis alte graminosis, 7.7.1949, fr., det. Swallen.

**56499** RGS, Torres, NEC, ad litus in arenosis, 19.1.1955, fr., det. Swallen (Parodi: A. laguroides DC.).

**59677** RGS, Farrroupilha, NEH, in alte graminosis, 16.5.1956, fr., leg. O. Camargo 669.

**59822** RGS, ibidem, 25.3.1957, fl., leg. O. Camargo 1207.

**60608** RGS, 8.5.1957, fr., leg. O. Camargo 1400.

**60617** RGS, ibidem, 16.5.1957, fl., leg. O. Camargo 669.

**Habit:** Medium-sized bunches, stalks up to 75 cm high.

**Habitat:** Dry to moderately wet Campos and secondary growth.

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

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

**Andropogon selloanus** Hack., Bull. Herb. Boiss. 2. sér. 4,n.3 (1904) 266; Ekman, Ark. f. Bot. 11, n.4 (1912) 6; idem, Ark. f. Bot. 13, n.10 (1913) 8; Reitz, Sellowia 7 (1956) 97.

**846** RGS, Vila Manresa p. P. Alegre, NEL, in alte graminosis, 5.1.1933, fr., leg. C. Orth SJ, det. Swallen (Khase: A. macrothrix Trin.).

**6862** SC, Florianópolis, in arenosis alte graminosis, 1935, fr., leg. A. Bruxel SJ, det. R. Swallen.

**6956** SC, ibidem, 1935, fr., leg. A. Bruxel SJ, det. Swallen.

**7068** SC, ibidem, 1935, fr., leg. A. Bruxel SJ, det. Swallen.

**9580** RGS, Tupanciretan, NWH, in campestribus siccis, 28.1.1942, fr., det. Swallen.

**28003** RGS, Tramandaí, NEC, in arenosis submobilibus, 1.1945, fr., leg. P. Gonçalves.

**35449** RGS, S. Leopoldo, NEL, in arenosis alte graminosis, 6.11.1946, fr., leg. E. Henz SJ.

**37393** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis, 5.7.1948, fr.

**38115** RGS, Morro da Polícia p. P. Alegre, NEL, in siccis alte graminosis, 20.11.1948, fr., det. Swallen.

**40947** RGS, ad montem das Cabras p. S. Leopoldo, NEL, in arenosis dumosis, 8.4.1949, fr., det. Swallen.

**42790** RGS, Sapucaia p. S. Leopoldo, NEL, in arenosis siccis, 5.7.1948, fr., det. Swallen.

**46781** RGS, Fazenda do Arroio p. Osório, NEC, in arenosis dumosis, 14.4.1950, fr.

**46860** RGS, ad fl. Capivarí p. Palmares, NEL, in arenosis siccis, 17.4.1950, fr.

**51187** Paraná, Matinhos p. Paranaguá, in arenosis, 1.1.1950, fr., leg. G. Hatschbach 1687, det. Parodi.

**52757** RGS, Belém Novo p. P. Alegre, NEL, in campestribus arenosis, 13.7.1952, fr., leg. et det. A. Beetle.

**54859** RGS, Torres, prope litus in arenosis, 11.2.1954, fr., det. Swallen.

**58051** SC, Massiambú p. Palhoça, in arenosis, 4.11.1953, leg. R. Reitz 8327, det. Swallen.

**58058** SC, ibidem, 5.11.1953, fr., leg. R. Reitz 6350, det. Swallen.

**59019** RGS, Estação de Silvicultura p. Sta Maria, CL, in campestribus alte dumosis, 12.2.1956, fr., leg. O. Camargo 172.

**58921** RGS, Estação de Silvicultura p. Sta Maria, CL, in campestribus arenosis, 28.2.1956, fr., O. Camargo 15.

**Habit:** Dense bunches, 30 cm high.

**Habitat:** Dry, sandy places.

**Distribution in RGS:** Apparently over the whole of the Campos area, notably near the sandy sea coast.

**General distribution:** Paraguay, SC, RGS, Ur.

**Andropogon tener** (Nees) Kunth, Revisio Gram. 2 ( ) 565; Hackel, FB 2,3 (1883) 301; Ekman, Ark. f. Bot. 11 (1912) n. 4, 5; idem, Ark. f. Bot. 13, n.10 (1913) 7; Herter, Flor. Urug. (1930) 27; Reitz, Sellowia 7 (1956) 97. – Schizachyrium tenerum Nees, Agrost. Bras. (1829) 336.

**7012** SC, Lages, in campestribus, 1935, fr., leg. A. Bruxel SJ, det. Swallen.

**7033** SC, ibidem, 1935, fr., leg. A. Bruxel SJ, det. Swallen.

**55057** RGS, Vila Oliva p. Caxias, NEH, in campestribus dense graminosis, 24.2.1954, fr., det. Swallen.

**60390** RGS, Estação de Silvicultura p. Sta Maria, CL, in campestribus

alte graminosis, 8.4.1956, fl., leg. O. Camargo 593.

**Habit:** Dense bunches, stalks up to 50 cm high.

**Habitat:** Dry Campos.

**Distribution in RGS:** Widely scattered, apparently rare.

**General distribution:** From southern USA to Uruguay.

*Andropogon ternatus* (Spreng.) Nees, Agrost. Bras. (1829) 326; Hackel, FB 2,3 (1883) 287 (var. *genuinus* Hack.); Ekman, Ark. f. Bot. 13, n.10 (1913) 8; Herter, Flor. Urug. (1930) 27; Reitz, Sellowia 7 (1956) 97.

**8600** RGS, Serra da Rocinha p. Bom Jesus, NEH, in campestribus subhumidis, 14.1.1942, fr., det. Swallen.

**9711** RGS, Tupanciretan, NWH, in campestribus, 29.1.1942, fr., det. Beetle.

**29343** RGS, Vila Manresa p. P. Alegre, in campestribus siccis, 26.10.1945, fr.

**33197** RGS, Vila Oliva p. Caxias, NEH, in campestribus, 16.1.1946, fr., det. Beetle.

**55411** SC, Serra da Boa Vista p. S. José, in dense graminosis, 2.2.1953, leg. R. Reitz 7087, det. Swallen.

**Habit:** Middle-sized bunches, 30 cm high.

**Habitat:** Moderately wet to dry places.

**Distribution in RGS:** Widely scattered, apparently over the whole of the Campos area.

**General distribution:** From Minas Gerais and Paraguay to Uruguay.

*Andropogon virgatus* Desv., Ham. Prodr. Ind. Occ. ( ) 9; Ekman, Ark.f. Bot. 11, n.4 (1912) 6; idem, Ark. f. Bot. 13, n.10 (1913) 7; Herter, Flor. Urug. (1930) 27; Reitz, Sellowia 7 (1956) 97. – *A. spathiflorus* (Nees) Kunth, Hackel, FB 2,3 (1883) 295, tab. 68, fig. 1.

**745** RGS, ad montem das Cabras p. S. Leopoldo, NEL, in campestribus siccis arenosis, 15.11.1933, fl., leg. C. Orth SJ, det. Chase, Parodi.

**6992** SC, Lages, in campestribus siccis arenosis, 1935, fr., leg. A. Bruxel SJ, det. Swallen.

**7016** SC, ibidem, 1935, fr., leg. A. Bruxel SJ, det. Swallen.

**26035** RGS, Fazenda do Jarau p. Quaraí, SW, in campestribus siccis, 29.12.1944, fr.

**30741** RGS, Vila Oliva p. Caxias, NEH, in campestribus siccis, 28.1.1946, fr., det. Beetle.

**31976** SC, Sombrio p. Araranguá, in campestribus siccis, 9.5.1945, fr., leg. R. Reitz, det. Beetle.

- 32771 RGS, Parecí p. Montenegro, NEL, in arenosis siccis, 15.11.1945, fr., leg. E. Henz SJ, det. Beetle.
- 35174 RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus siccis dumosis, 15.1.1947, fr., det. Beetle.
- 38944 RGS, Chácara Weber p. Itapoan, NEL, in campestribus siccis alte dumosis, 18.12.1948, fr., det. Beetle.
- 39527 RGS, Cachoeirinha p. Gravataí, NEL, in campestribus dumosis, 7.1.1949, fl.
- 52755 RGS, Sto Antônio da Patrulha, in campestribus alte dumosis, 29.6.1952, fr., det. Beetle.
- 40993 RGS, ad fl. Gravataí inferius, NEL, in campestribus siccis, 10.4.1949, fr.
- 53403 RGS, Caaró p. S. Luiz, NWH, in campestribus graminosis, 24.12.1952, fr.
- 53412 RGS, ibidem, 24.11.1952, fr.
- 55000 RGS, Vila Oliva p. Caxias, NEH, in campestribus alte dumosis, 24.2.1954, Fr., det. Swallen.
- 56926 RGS, Caracol p. Canela, NEH, in campestribus alte graminosis, 15.1.1955, fl., leg. K. Emrich.
- 58924 RGS. Estação de Silvicultura p. Sta Maria, CL, in campestribus alte graminosis, 28.2.1956, fl., leg. O. Camargo 19.
- 59731 RGS, Farrroupilha, in alte graminosis, 28.5.1956, fr., leg. O. Camargo 732.
- 60440 RGS, Estação de Silvicultura p. Sta Maria, in campestribus alte graminosis, 8.4.1956, fr., leg. O. Camargo 591.
- 61991 RGS, Taquarí, NEL, in alte graminosis, 12.12.1957, fl., leg. O. Camargo 2892.

**Habit:** Strong bunches, up to 1,5 m high.

**Habitat:** Dry, shrubby Campos and secondary growth.

**Distribution in RGS:** Over the whole of the Campos and cultivated area.

**General distribution:** From the Antilles to Uruguay.

## ANTHOXANTHUM L.

*Anthoxanthum odoratum* L., Spec. Plant. (1753) 28; Ekman, Ark.f.Bot. 13, n.10 (1913) 37; Herter, Fl. Ur. (1930) 32.

43456 RGS, Kappesberg p. Montenegro, NEL, in agro, 11.9.1949, fr., det. Swallen.

59521 RGS, Farrroupilha, NEH, in graminosis, 30.8.1956, fl., leg. O. Camargo 729.

62159 RGS, Bento Gonçalves, NEH, in incultis, 6.10.1957, fl., leg. O. Camargo 1957.

**62239** RGS, Garibaldi, NEH, in incultis, 13.10.1957, fl., leg. O Camargo 2044.

**62375** RGS, Farroupilha, NEH, in incultis, 1.9.1957, fl., leg. O. Camargo 1674.

**62403** RGS, ibidem, 12.9.1957, fl., leg. O. Camargo 1701.

**Habit:** 75 cm. high.

**Habitat:** Tilled or otherwise disturbed soil.

**Distribution in RGS:** Northeastern Highlands.

**General distribution:** Native to the Mediterrean region; in Brasil, from Paraná to RGS and Ur.

## ARISTIDA L.

*Aristida altissima* Arech., An. Mus. Nac. Mont. 4 (1903) 80, tab. 5; Herter, Fl. Ur. (1930) 33.

**744** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis, 5.10.1932, fr., det. Beetle (Chaze: *A. teretifolia* Arech.).

**1094** RGS, Novo Hamburgo, NEL, in campestribus siccis alte graminosis, 13.9.1934, fl., leg. C. Orth SJ, det. Chase.

**9641** RGS, Tupanciretan, NWH, in campestribus siccis alte graminosis, 28.1.1942, fr., det. Swallen.

**38534** RGS, S. Leopoldo, NEL, in campestribus siccis dense graminosis, 4.12.1948, fr., det. Swallen.

**44398** RGS, Fião p. S. Leopoldo, NEL, in campestribus arenosis siccis, 14.11.1949, fl., det. Beetle.

**56006** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus alte graminosis, 19.11.1954, fl., det. Swallen.

**57023** RGS, ad montem Sapucaia p. S. Leopoldo, NEL, in alte graminosis, 26.10.1955, fl.

**57492** RGS, Estação de Silvicultura p. Sta Maria, CL, in campestribus siccis, 18.11.1955, fl, leg. O. Camargo 9.

**61967** RGS, P. Alegre, NEL, in siccis alte graminosis, 19.11.1957, fl., leg. O. Camargo 2593.

**61969** RGS, Taquarí, NEL, in alte graminosis, 10.12.1957, fl., leg. O. Camargo 2827.

**61969** RGS, Farroupilha, NEH, in secundariis alte dumosis, 25.11.1957, fl., leg. O. Camargo 2638.

**62749** RGS, P. Alegre, NEL, in alte graminosis, 1.11.1957, fl., leg. O. Camargo 2395.

**Habit:** Strong bunches, stalks up to 1,5 m high.

**Habitat:** Dry, poor, strongly mineralized soil.

**Distribution in RGS:** Frequent in the whole southern Campos area;



also on the northwestern Highlands.

**General distribution:** RGS and Uruguay.

*Aristida circinnalis* Lindman, Kongl. Sv. Vet. Ak. Handl. 34, n.6 (1900) 13; Malme, Sv. Bot. Tidskr. 30 (1936) 10.

**29316** RGS, Vila Manresa p. P. Alegre, in campestribus siccis alte graminosis, 26.10.1945, fr.

**30191** Ur, Atlantida p. Canelones, in campestribus siccis, 3.1.1945, fr., leg. et det. B. Rosengurt B-4374.

**38666** RGS, Rio dos Sinos p. S. Leopoldo, NEL, in campestribus siccis alte graminosis, 10.12.1948, fr., det. Swallen.

**41457** RGS, Estação Azevedo p. Montenegro, NEL, in campestribus siccis alte graminosis, 6.5.1949, fr.

**43591** RGS, Portão p. S. Leopoldo, NEL, in siccis alte graminosis, 23.9.1949, fr., det. Beetle.

**44396** RGS p. S. Leopoldo, NEL, in arenosis siccis, 14.11.1949, fl., det. Beetle.

**44468** RGS, Granja Neugebauer p. Itapoan, NEL, in campestribus siccis, 19.11.1949, fr.

**52751** RGS, Guaíba p. P. Alegre, NEL, in campestribus alte graminosis, 7.7.1952, fr., leg. et det. Beetle.

**Habit:** Dense, slender bunches, up to 50 cm high.

**Habitat:** Very dry and poor Campos. .

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

**General distribution:** Paraguay, RGS, Uruguay.

*Aristida implexa* Trin., Act. Petrop. 1836, 48; Döll, FB 2,3 (1878) 24.

**1926** RGS, ad montem Sapucaia p. S. Leopoldo, NEL, in arenosis siccis, 1.5.1936, fr., leg. C. Orth SJ, det. Chase.

**7019** SC, Lages, in campestribus siccis, 1935, fr., leg. A. Bruxel SJ, det. Swallen. (7)

**30728** RGS, Vila Oliva p. Caxias, NEH, in campestribus siccis alte graminosis, 28.1.1946, fr., det. Swallen.

**35178** RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus siccis, 15.1.1947, fr. (7)

**36471** RGS, Cambará p. S. Francisco de Paula, NEH, in campestribus subsiccis, 2.1948, fr., det. Swallen.

**36479** RGS, Cambará p. S. Francisco de Paula, NEH, in campestribus siccis, 2.1948, fr., det. Swallen.

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(7) = *Aristida megapotamica* Spr., det. Branca Severo, 01.1979.

**38927** RGS, Granja Weber p. P. Alegre, NEL, in campestribus siccis alte graminosis, 18.12.1948, fr.

**39872** RGS, ad montem Ferrabraz p. Novo Hamburgo, NEL, in arenosis siccis alte dumosis, 12.1.1949, fr.

**40800** Sapucaia p. S. Leopoldo, NEL, in arenosis alte dumosis, 1.4.1949, fr., det. Swallen.

**55397** SC, Mafra, in campestribus siccis, 27.1.1953, fr., leg. R. Reitz 7113, det. Swallen.

**58977** RGS, Estação de Silvicultura p. Sta Maria, CL, in campestribus siccis alte graminosis, 25.1.1956, fr., leg. O. Camargo 88.

**62860** RGS, Lageadinho p. Bom Jesus, NEH, in siccis, 20.1.1958, fl., leg. O. Camargo 3158.

**Habit:** Stiff bunches, stalks up to 50 cm high.

**Habitat:** Poor, more or less mineralized Campos.

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

**General distribution:** From Bahia to Uruguay.

*Aristida laevis* Kunth, Enum. 1 ( ) 192. — *Chaetaria laevis* Nees, Agrost. Bras. (1829) 384. — *A. Complanata* Trin., Act. Petrop. 1829, 85; Döll, FB 2,3 (1878) 15; Arechavaleta, Gram. Ur. (1894) 246; Herter, Fl. Ur. (1930) 33; Reitz, Sellowia 7 (1956) 97.

**1001** RGS, S. Leopoldo, NEL, in arenosis siccis, 5.5.1934, fr., leg. C. Orth SJ, det. Chase.

**29609** RGS, Parecí p. Montenegro, NEL, in campestribus siccis, 3.10.1945, fl., det. Swallen.

**33363** RGS, S. Leopoldo, NEL, in campestribus siccis, 15.9.1946, fl., leg. H. Simas SJ.

**34127** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis, 16.10.1946, fl.

**39924** RGS, ad montem Ferrabraz p. Novo Hamburgo, NEL, in arenosis siccis, 12.1.1949, fr.

**55384** SC, Massiambú p. Palhoça, in arenosis, 19.12.1952, fr., leg. R. Reitz 7134, det. Swallen.

**57022** RGS, ad montem Sapucaia p. S. Leopoldo, NEL, in alte graminosis, 26.10.1955, fl.

**57125** RGS, Esteio p. S. Leopoldo, NEL, in siccis alte graminosis, 14.11.1955, fl.

**Habit:** Dense bunches, up to 75 cm high.

**Habitat:** Dry, poor soils.

**Distribution in RGS:** Northeastern Lowlands.

**General distribution:** From Paraguay to Uruguay.

**General distribution:** From Paraguay to Uruguay.

**Aristida pallens** Cav., Ic. et Descr. 5 ( ) 43, tab. 468; Döll FB 2,3 (1878) 13; Ekman, Ark. f. Bot. 11, n.4 (1912) 30; idem, Ark. f. Bot. 13, n.10 (1913) 37; Arechavaleta, Gram. Ur. (1894) 244; Herter, Flor. Ur. (1930) 33.

**1071** RGS, S. Leopoldo, NEL, in siccis arenosis, 15.12.1933, fr., leg. C. Orth SJ, det. Chase.

**29317** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis, 26.10.1945, fl.

**32759** RGS, Parecí p. Montenegro, NEL, in arenosis siccis, 17.10.1945, fl, leg. E. Henz SJ.

**38132** RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis, 20.11.1948, fr., det. Swallen.

**38539** RGS, S. Leopoldo, NEL, in arenosis siccis, 4.12.1948, fr., det. Beetle.

**38928** RGS, Granja Weber p. Itapoan, NEL, in campestribus siccis, 18.12.1948, fr., det. Beetle.

**43727** RGS, Morro Sta Teresa p. P. Alegre, NEL, in campestribus siccis, 3.10.1949, fr., det. Swallen

**44484** RGS, Granja Neugebauer p. Itapoan, NEL, in campestribus siccis, 19.11.1949, fl., det. Swallen.

**53213** RGS, Cerro Largo p. S. Luiz, NWH, in agro derelicto, 20.11.1952, fr.

**55996** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis, 19.11.1954, fl., det. Swallen.

**55998** RGS, ibidem, 19.11.1954, fr., det. Swallen.

**57021** RGS, ad montem Sapucaia p. S. Leopoldo, NEL, in alte graminosis, 26.10.1955, fl.

**57442** RGS, in summo monte Sapucaia p. S. Leopoldo, NEL, in ruprestribus subsiccis, 9.10.1955, fl.

**57494** RGS, Estação de Silvicultura p. Sta Maria, CL, in campestribus, 15.11.1955, fl., leg. O. Camargo 32.

**58517** RGS, Vila Manresa p. P. Alegre, NEL, in dense graminosis, 19.11.1955, fl.

**61861** RGS, Passo Fundo, CH, in campestribus siccis, 20.10.1957, fl., leg. O. Camargo 2159.

**61880** RGS, Garibaldi, NEH, ad viam, 20.10.1957, fl., leg. O. Camargo 2280.

**61970** RGS, Taquarí, NEL, in campestribus siccis, 8.12.1957, fl., leg. O. Camargo 2703.

**62601** RGS, P. Alegre, NEL, in campestribus, 1.11.1957, fl., leg. O. Camargo 2410.

**62924** RGS, Taquarí, NEL, in campestribus siccis, 10.12.1957, fl., leg. O. Camargo 3011.

**Habit:** Dense bunches, up to 50 cm high.

**Habitat:** Poor, mineralized, Campos soils.

**Distribution in RGS:** Over the whole of the Campos area, especially frequent in the West.

**General distribution:** From Minas Gerais to Uruguay and Paraguay.

*Aristida teretifolia* Arech., An. Mus. Nac. Mont. 4 (1903) 79, tab. 4; Herter, Flor. Urug. (1930) 33.

29315 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 26.10.1945, fr., det. Swallen.

29342 RGS, ibidem, 26.10.1945, fr., det. Swallen.

38127 RGS, Morro da Polícia p. P. Alegre, NEL, in siccis graminosis, 20.11.1948, fr., det. Swallen.

43662 RGS, Morro das Abertas p. P. Alegre, NEL, in campestribus siccis graminosis, 30.9.1949, fl., det. Swallen.

56006 RGS, Vila Manresa p. P. Alegre, NEL, in rupestribus alte graminosis, 19.11.1954, fl., det. Swallen.

58518 RGS, ibidem, 19.11.1955, fl.

**Habit:** Small, rather stiff, bunches, 30 cm high.

**Habitat:** Dry, stony, Campos.

**Distribution in RGS:** P. Alegre only.

**General distribution:** RGS and Uruguay.

*Aristida uruguayensis* Henr.,

3900 RGS, Morro Vigia p. Livramento, SW, in siccis graminosis, 12.1.1941, fr., det. Parodi.

**Habit:** Small bunches, leaves less than 10, stalks 25 cm high.

**Habitat:** Rocky, dry places.

**Distribution in RGS:** Apparently southwestern frontier only.

**General distribution:** RGS, Uruguay.

*Aristida venustula* Arech., An. Mus. Nac. Mont. 4 (1903) 77; Herter, Flor. Urug. (1930) 33.

1713 RGS, Novo Hamburgo p. S. Leopoldo, NEL, in campestribus siccis, 10.9.1934, fr., leg. C. Orth SJ, det. Beetle.

2711 RGS, Vila Mafresa p. P. Alegre, NEL, in campestribus siccis alte graminosis, 19.11.1935, fr., leg. C. Orth SJ, det. Parodi (Chase: *A. spegazzinii* Arech.).

37840 RGS, ibidem, 4.11.1948, fl., det. Swallen.

44178 RGS, Morro de Santana p. P. Alegre, NEL, in siccis alte graminosis, 2.11.1949, fl., det. Beetle.

61971 RGS, P. Alegre, NEL, in campestribus, 19.11.1957, fl., leg. O. Camargo 2599.

**61972** RGS, ibidem, 19.11.1957, fr., leg. O. Camargo 2597.

**Habit:** Large, smooth bunches, inflorescences brownish, 30 cm high.

**Habitat:** Very dry, rocky Campos.

**Distribution in RGS:** Over the whole of the southern half of the State.

**General distribution:** RGS and Uruguay.

### **ARTHROSTYLIDIUM** Rupr.

*Arthrostylidium trinii* (Rupr.) Munro, Monogr. ( ) 45; Döll, FB 2,3 (1880) 173; Reitz, Sellowia 7 (1956) 97.

**4613** RGS, Serra da Rocinha p. Bom Jesus, NEH, in sphagneto, 12.2.1941, ster.

**7014** SC, Lages, in silvula subpaludosa ster., leg. A. Bruxel SJ.

**8688** RGS, Serra da Rocinha p. Bom Jesus, NEH, in silvula nebulari, 14.1.1942, ster.

**9011** RGS, Bom Jesus, NEH, ad rivum in silvula, 16.1.1942, ster.

**30717** RGS, Vila Oliva p. Caxias, NEH, ad rivum in dumosis, 28.1.1946, ster.

**35180** RGS, Fazenda da Ronda p. Vacaria, NEH, in silvula subpaludosa 15.1.1947, ster.

**36480** RGS, Cambará p. S. Francisco de Paula, NEH, in silvula ad rivum, 2.1948, ster.

**53788** RGS, Serra da Rocinha p. Bom Jesus, NEH, in silvula nebulari, 3.2.1953, ster.

**54074** RGS, ibidem, 20.2.1953, ster.

**56761** RGS, Vila Oliva p. Caxias, NEH, ad rivum in araucarieto, 8.2.1945, ster.

**59828** RGS, Farroupilha, NEH, ad rivulum in dumosis, 2.4.1957, ster., leg. O. Camargo 1224.

**60085** SC, Campo dos Padres p. Bom Retiro, in silvula paludosa, 22.1.1957, ster.

**Habit:** Loose bunches, up to 5 m high.

**Distribution in RGS:** Northeastern Highlands only.

**Habitat:** Wet to swampy places.

**General distribution:** From Minas Gerais to RGS.

### **ARUNDINARIA** Michx.

*Arundinaria ulei* Hack.,

**32475** RGS, Serra da Rocinha p. Bom Jesus, NEH, in sphagneto, 28.2.1946, ster.

35197 RGS, ibidem, 14.2.1947, fr.

36470 RGS, Cambará p. S. Francisco de Paula, NEH, in sphagneto, ster., 2.1948.

45330 RGS, Serra da Rocinha p. Bom Jesus, NEH, in sphagneto, 18.1.1950, fr.

50067 RGS, Taimbesinho p. S. Francisco de Paula, NEH, in sphagneto, 21.2.1951, fl.

60084 SC, Campo dos Padres p. Bom Retiro, in sphagneto, 22.1.1957, fl.

**Habit:** Dense clumps and stands, up to 1,5 m high.

**Habitat:** Sphagnum swamps.

**Distribution in RGS:** Northeasternmost Highlands.

**General distribution:** SC and RGS.

### ARUNDINELLA Raddi

*Arundinella hispida* (Willd.) O. K.,

Ekman, Ark. f. Bot. 11, n.4 (1912) 10; idem, Ark. f. Bot. 13, n.10 (1913) 10. — *A. brasiliensis* Raddi, Agrostol. brasiliensis ( ) 37, tab. 1, fig. 3; Döll, FB 2,2 (1877) 298, tab. 38.

2873 RGS, Schwabenschneis p. Novo Hamburgo, NES, in alte dumosis, 14.9.1937, fr., det. Parodi.

35144 RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus siccis dumosis, 15.1.1947, fl., det. Parodi.

60340 RGS, Estação de Silvicultura p. Sta Maria, CL, in humidis alte graminosis, 8.4.1956, fr., leg. O. Camargo.

60341 RGS, ibidem, 8.4.1956, fr., leg. Camargo 570.

60342 RGS, ibidem, in humidis, 8.4.1956, fl., leg. O. Camargo 575.

**Habit:** Up to 2 m high.

**Habitat:** More or less wet, shrubby places.

**Distribution in RGS:** Widely scattered, probably over the whole of the northern and central Campos area of the State.

**General distribution:** From northern South America to RGS.

### AXONOPUS Hook.

*Axonopus affinis* Chase,

743 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus humidis, 5.12.1932, fr., det. Beetle (Parodi, Chase: *A. fissifolius* (Raddi) Kuhn).

29045 RGS, ibidem, 25.8.1945, fl., det. Beetle.

29045 RGS, ibidem, 25.8.1945, fl., det. Beetle.

- 36450** RGS, Cambará p. S. Francisco de Paula, NEH, in campestribus dense graminosis, 2.1948, fl., det. Swallen.
- 38524** RGS, S. Leopoldo, NEL, ad viam ferream in humidis, 4.12.1948, fr., det. Swallen.
- 38641** RGS, Morro da Polícia p. P. Alegre, NEL, in humidis graminosis, 22.7.1948, fr.
- 38786** RGS, Conceição p. Caí, NEH, in humidis arenosis, 14.12.1948, fr., det. Swallen.
- 39121** RGS, Esteio p. P. Alegre, NEL, in humidis graminosis, 22.12.1948, fl., det. Swallen.
- 39923** RGS, ad montem Ferrabraz p. Novo Hamburgo, NEL, in humidis alte graminosis, 12.1.1949, fr., det. Swallen.
- 41071** RGS, ad fl. Gravataí inferius p. P. Alegre, NEL, in humidis graminosis, 18.4.1949, fr., Swallen.
- 41185** RGS, Ilha das Flores p. P. Alegre, NEL, in humidis graminosis, 22.4.1949, fr., det. Swallen.
- 41333** RGS, Morretes p. P. Alegre, NEL, in humidis graminosis, 2.5.1949, fr., det. Swallen.
- 41794** RGS, Esteio p. S. Leopoldo, NEL, in humidis graminosis, 1.6.1949, fl.
- 44644** RGS, Vila Oliva p. Caxias, NEH, in humidis graminosis, 3.12.1949, fr.
- 52745** RGS, Belém Novo p. P. Alegre, NEL, in campestribus arenosis, 13.7.1952, fr. deciso, leg. et det. Beetle 1570.
- 55409** SC, Massiambú p. Palhoça, in arenosis, 5.2.1953, fl., leg. R. Reitz 7089, det. Swallen.
- 55413** SC, Serra da Boa Vista p. S. José, in campestribus dense graminosis 2.2.1953, fl. R. Reitz, 7085 det. Swallen.
- 56772** RGS, Vila Oliva p. Caxias, NEH, in pascuo, 8.2.1955, fl.
- 58044** SC, Caixa d'Água p. Itajaí, in humidis, 18.3.1954, fr., leg. R. Reitz 8309, det. Swallen.
- 59387** RGS, Farroupilha, NEH, in alte graminosis, 25.11.1956, fl., leg. O. Camargo 1007.

**Habit:** Loose bunches, up to 40 cm high.

**Habitat:** Wet places.

**Distribution in RGS:** Widely distributed, apparently over the whole of the open area.

**General distribution:** From Paraná to RGS.

**Axonopus brasiliensis** (Spreng. Kuhl.),  
Reitz, Sellowia 7 (1956) 97.

**31791** SC, Sombrio p. Araranguá, in arenosis graminosis, 7.2.1946, fr., det. Beetle.

**31892** SC, ibidem, 10.10.1945, fr., leg. R. Reitz 1293, det. Swallen.

**Habit:** Loose bunches, leaves 20, stalks 40 cm high.

**Habitat:** Dry, sandy places.

**Distribution in RGS:** Northeasternmost sea coast.

**General distribution:** Paraná to RGS.

**Axonopus compressus** (Swartz) Beauv.,

**1015** RGS, S. Leopoldo, ad silvam campestem in dumosis, 15.10.1934, fr., leg. C. Orth SJ, det. Chase.

**6998** SC, Lages, in umbrosis graminosis, 1935, fr., leg. A. Bruxel SJ, det. Swallen.

**9859** RGS, Tupanciretan, NWH, in umbrosis, 29.1.1942, fr., det. Beetle.

**28633** RGS, Nonoai ad fl. Uruguay, NWU, ad silvam campestem in umbrosis, 3.1945, fl., det. Swallen.

**29048** RGS, Vila Manresa p. P. Alegre, NEL, in silva campestri aperta, 25.8.1945, fr., det. Swallen.

**30731** RGS, Vila Oliva p. Caxias, NEH, in araucarieto aperto, 28.1.1946, fr., det. Swallen.

**30757** RGS, ibidem, 29.1.1946, fr., det. Swallen.

**30848** RGS, ibidem, 31.1.1946, fl.

**35177** RGS, Fazenda da Ronda p. Vacaria, NEH, in araucarieto aperto, 15.1.1947, fr.

**35277** RGS, Serra da Rocinha p. Bom Jesus, NEH, in umbrosis dense graminosis, 14.2.1947, fr.

**36447** RGS, Cambará p. S. Francisco de Paula, NEH, in umbrosis graminosis, 2.1948, fr., det. Swallen.

**38529** RGS, S. Leopoldo, NEL, ad silvam campestem in umbrosis, 4.12.1948, fr.

**39585** RGS, Cachoeirinha p. Gravataí, NEL, in silva campestri aperta, 7.1.1949, fr., det. Swallen.

**40469** RGS, Vila Manresa p. P. Alegre, NEL, in umbrosis, 14.3.1949, fr.

**41792** RGS, Esteio, p. S. Leopoldo, NEL, in silva campestri aperta, 1.6.1949, det. Swallen.

**46344** RGS, Cristo Rei p. S. Leopoldo, NEL, in silva campestri aperta, 17.3.1950, fr.

**48353** SC, Figueiredo p. Bom Retiro, in umbrosis, 28.12.1948, fr. deciso, leg. R. Reitz 3465, det. Swallen.

**55061** RGS, Vila Oliva p. Caxias, NEH, in araucarieto umbroso subhumido, det. Swallen.

**56379** RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in umbrosis dense graminosis, 2.1.1955, fl.



**58537** RGS, Taimbesinho p. S. Francisco de Paula, NEH, in campestribus subumbrosis, 12.2.1956, fl.

**60609** RGS, Farroupilha, NEH, in graminosis, 8.5.1957, fr., leg. O. Camargo 1402.

**Habit:** Slender, leaves 20, stalks up to 40 cm high.

**Habitat:** Grassy, more or less humid and shady places at the edge of the forest.

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

**General distribution:** South Brazil and Uruguay.

**Axonopus suffultus** (Mikan) Parodi,

*Panicum suffultum* Mikan, ex Sprengel, *Neue Entdeck.* 2 ( ) 46. –

*Panicum scoparium* Flügge, *Monogr.* ( ) 124; Döll, *FB* 2,2 (106).

**865** RGS, Vila Manresa p. P. Alegre, (NEL) in campestribus siccis alte graminosis, 5.11.1933, fr., det. Beetle (Chase, Parodi: *A. arcuatus*) Mez.

**1057** RGS, Sapucaia p. S. Leopoldo, NEL, in arenosis siccis alte dumosis, 10.11.1934, fr., leg. C. Orth SJ, det. Parodi (Chase: *A. scoparium* (Flügge) Hitchc.).

**29313** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis alte graminosis, 25.10.1945, fr.

**29374** RGS, *ibidem*, 3.11.1945, fr.

**30735** RGS, Vila Oliva p. Caxias, NEH, in campestribus siccis alte graminosis, 28.1.1946, fr.

**32989** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis dense alteque graminosis, 12.12.1945, fr.

**34138** RGS, *ibidem*, 9.10.1946, fl.

**34201** RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis dense graminosis, 16.10.1946, fr.

**35153** RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus siccis alte graminosis, 15.1.1947, fr.

**35457** RGS, S. Leopoldo, NEL, in campestribus siccis alte graminosis, 6.11.1946, fr., leg. H. Simas.

**35657** RGS, Kappesberg p. Montenegro, NES, in secundariis, 27.12.1946, fr., leg. E. Henz SJ.

**38101** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis alte graminosis, 17.11.1948, fl., det. Swallen.

**38140** RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis alte graminosis, 20.11.1948, fr., det. Swallen.

**38352** RGS, S. Leopoldo, NEL, in campestribus siccis, 4.12.1948, fr.

**38704** RGS, Rio dos Sinos p. S. Leopoldo, NEL, in campestribus siccis graminosis, 10.12.1948, fr., det. Swallen.

**38940** RGS, Granja Weber p. Itapoan, NEL, in siccis alte graminosis, 18.12.1948, fl., det. Swallen.

- 43592 RGS, Portão p. S. Leopoldo, NEL, in campestribus siccis alte graminosis, 23.9.1949, fr., det. Swallen.
- 44003 RGS, Morro do Osso p. P. Alegre, NEL, in campestribus siccis alte graminosis, 21.10.1949, fr., det. Swallen.
- 44092 RGS, Barreto Vianna p. S. Leopoldo, NEL, in campestribus siccis, 24.10.1949, fl., det. Swallen.
- 45409 RGS, Serra da Rocinha p. Bom Jesus, NEH, in subhumidis alte graminosis, 18.1.1950, fr.
- 50691 RGS, ibidem, 18.1.1950, fr., leg. A. Sehnem SJ 4249.
- 52739 RGS, Uruguaiana, SW, in campestribus alte graminosis, 1.8.1952, fr., leg. et det. Beetle.
- 54723 RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in subhumidis alte dumosis, 1.1.1954, fr., det. Swallen.
- 57544 RGS, Vila Manresa p. P. Alegre, NEL, in alte graminosis, 19.11.1955, fl.
- 60080 SC, Campo dos Padres p. Bom Retiro, in subhumidis graminosis, 22.1.1957, fr.
- 61978 RGS, P. Alegre, NEL, in alte graminosis, 19.11.1957, fl., leg. O. Camargo 2590.
- 61979 RGS, ibidem, 19.12.1957, fl., leg. O. Camargo 2999.
- 61980 RGS, Taquarí, NEL, in alte graminosis, 14.12.1957, fl., leg. O. Camargo 2962.
- 62959 RGS, Lageadinho p. Bom Jesus, NEH, in alte graminosis, 20.1.1958, fl., leg. O. Camargo 3128.

**Habit:** Dense and large bunches, stalks up to 75 cm high.

**Habitat:** Dry to more or less wet Campos.

**Distribution in RGS:** Apparently over the whole of the Campos area, especially frequent in the northeastern Lowlands and Highlands.

**General distribution:** From Amazonia to Uruguay.

**Axonopus ulei** Hack.,

Reitz, Sellowia 7 (1956) 98.

1017 RGS, in summo monte Sapucaia p. S. Leopoldo, NEL, in rupestribus parce humosis, 4.4.1934, fr., leg. C. Orth SJ, det. Chase, Parodi.

6962 SC, Lages, in campestribus, 1935, fr., leg. A. Bruxel SJ, det. Swallen.

40802 RGS, in summo monte Sapucaia p. S. Leopoldo, NEL, in rupestribus alte graminosis, 1.3.1949, fr.

41016 RGS, in summo monte das Cabras p. S. Leopoldo, NEL, in rupestribus alte graminosis, 8.4.1949, fr., det. Swallen.

**45451** RGS, Serra da Rocinha p. Bom Jesus, NEH, in subhumidis alte graminosis, 18.1.1950, fr.

**55164** SC, Faxinal Cambajuba p. S. Joaquim, in humidis alte graminosis, 29.1.1950, fl., leg. R. Reitz 4885, det. Swallen.

**Habit:** Loose bunches, wiry, 40 cm high.

### **BRACHIARIA** Gris.

**Brachiaria plantaginea** (Linck) Hitchc.,  
Reitz, Sellowia 7 (1956) 98.

**853** RGS, Vila Manresa p. P. Alegre, NEL, in agro, 5.2.1933, fr., leg. C. Orth SJ, det. Chase.

**7030** SC, Lages, in incultis efferata, 1935, fr., leg. A. Bruxel SJ, det. Swallen.

**28260** RGS, Nonoai ad fl. Uruguay, NWU, in incultis, 3.1945, fr.

**40697** RGS, Vila Manresa p. P. Alegre, NEL, in agro, 26.3.1943, fr., det. Swallen.

**41370** RGS, Morretes p. P. Alegre, NEL, in incultis ad viam ferream, 2.5.1949, fr.

**41482** RGS, Estação Azevedo p. Montenegro, NEL, in incultis efferata, 6.5.1949, fr., det. Swallen.

**47074** RGS, Vila Manresa p. P. Alegre, NEL, in agro, 15.5.1950, fl.

**60375** RGS, Estação de Silvicultura p. Sta Maria, CL, in incultis, 8.4.1957, fr., leg. O. Camargo 610.

**60630** RGS, Farroupilha, NEH, efferata, 7.5.1958, fr., leg. O. Camargo 1392.

**Habit:** Prostrate to ascending, stalk several m long.

**Habitat:** Cultivated and subsponaneous in secondary growth.

**Distribution in RGS:** Over the whole of the cultivated area not too frequent.

**General distribution:** From southern USA to Paraguay, not native to RGS.

### **BRIZA** L.

**Briza calotheca** (Trin.) Hack.,

Ekman, Ark. f. Bot. 11, n.4 (1912) 47; idem, Ark. f. Bot. 13, n.10 (1913) 52; Reitz, Sellowia 7 (1956) 98.

**2511** SC, Porto União, in incultis, 29.11.1936, fl., leg. C. Orth SJ, det. Chase.

**9870** RGS, Tupanciretan, NWH, in subpaludosis alte graminosis, 29.1.1942, fr., det. Swallen.

**35137** RGS, Fazenda da Ronda p. Vacaria, NEH, in subpaludosis alte graminosis, 15.1.1947, fr.

**44383** RGS, Fião p. S. Leopoldo, NEL, in subpaludosis alte dumosis, 14.11.1949, fr.

**44636** RGS, Vila Oliva p. Caxias, NEH, in subpaludosis alte graminosis, fr. deciso.

**49154** RGS, Esteio p. S. Leopoldo, NEL, in paludosis altissime graminosis, 20.11.1950, fr. deciso.

**49399** RGS, Taimbesinho p. S. Francisco de Paula, NEH, in humidis alte graminosis, 18.12.1950, fr.

**50866** Paraná, Piraquara, in paludosis alte graminosis, 30.10.1949, fr., leg. G. Hatschbach 1558.

**57030** RGS, ad montem Sapucaia p. S. Leopoldo, NEL, in humidis alte graminosis, 26.10.1955, fl.

**57128** RGS, Esteio p. S. Leopoldo, NEL, in humidis alte graminosis, 14.11.1955, fr.

**57233** RGS, ibidem, 11.11.1955, fl.

**62769** RGS, Farroupilha, NEH, in alte graminosis, 10.11.1957, fl., leg. O. Camargo 2504.

**Habit:** Up to 1 m high, slender, inflorescence hanging.

**Habitat:** Swampy, densely vegetated places.

**Distribution in RGS:** Widely scattered, apparently over the whole of the swampy Campos area.

**General distribution:** From Paraná to Uruguay.

**Briza hackelli** (Lindm.) Ekm., Ark.f.Bot. 13, n.10 (1913) 61. — *Isachne hackelli* Lindm., Kong. Sv. Ak. Handl. 34, n.6 (1900) 83.

**63381** RGS, Pelotas, SEC, in alte graminosis, 19.10.1954, fr., leg. Sacco, det. Parodi.

**Habit:** Isolated or in loose bunches.

**Habitat:** More or less dry, grassy, Campos.

**Distribution in RGS:** Southeastern coast, northeastern Lowlands.

**General distribution:** Apparently only RGS.

**Briza juergensii** Hack.,

Reitz, Sellowia 7 (1956) 98.

**44259** RGS, Sapucaia p. S. Leopoldo, NEL, in paludosis alte dumosis, 5.11.1949, fr.

**48311** SC, Campo dos Padres p. Bom Retiro, in alte graminosis, 18.12.1948, fr., leg. R. Reitz 3367, det. Swallen.

**48358** SC, ibidem, in paludosis, 16.12.1948, fr., leg. R. Reitz 3395, det. Swallen.

**55920** RGS, Fazenda do Arroio p. Osório, NEC, in arenosis alte graminosis, 3.10.1954, fr., det. Parodi (Swallen: *B. calotheca* (Trin.) Hack.).

**56317** RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in alte graminosis, 2.1.1955, fr., det. Parodi.

**Habit:** Isolated or in thin bunches, up to 50 cm high.

**Habitat:** Wet, densely vegetated places.

**Distribution in RGS:** Northeastern quadrant of the State.

**General distribution:** SC and RGS.

***Briza lamarckiana*** NEES, *Agrost. Bras.* (1829) 481.

**43612** RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus alte graminosis, 28.9.1949, fr.

**43669** RGS, Morro das Abertas p. P. Alegre, NEL, in campestribus alte graminosis, 30.9.1949, fr.

**44032** RGS, Morro do Osso p. P. Alegre, NEL, in campestribus alte graminosis, 21.10.1949, fr.

**48827** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus alte graminosis, 22.9.1950, fr., det. Beetle.

**57008** RGS, ad montem Sapucaia p. S. Leopoldo, NEL, in alte graminosis, 11.10.1955, fr.

**57031** RGS, ad montem Sapucaia p. S. Leopoldo, NEL, in alte graminosis, 26.10.1955, fl.

**Habit:** Small bunches, wiry, up to 40 cm high.

**Habitat:** Dry, grassy, places.

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

**General distribution:** RGS, Uruguay.

***Briza minor*** L., *Spec. Plant.* (1753) 70; Herter, *Flor. Ur.* (1930) 35; Reitz, *Sellowia* 7 (1956) 98.

**740** RGS, Vila Manresa p. P. Alegre, NEL, in agro, 5.9.1931, fr., det. Parodi (Chase: *B. virens* Lam.).

**6647** RGS, Sta Clara p. Lageado, NEL, in incultis, 18.11.1940, fr.

**7445** RGS, S. Leopoldo, NEL, in incultis, 1907, fr., leg. F. Theissen SJ.

**29627** RGS, sine loco, sine die, fr.

**33923** RGS, Vila Manresa p. P. Alegre, NEL, in agro, 18.9.1946, fr.

**43396** RGS, Kappesberg p. Montenegro, NES, in agro, 11.9.1949, fr., det. Swallen.

**43735** RGS, Morro do Sabiá p. P. Alegre, NEL, ad viam in incultis, 5.10.1949, fr.

**43880** RGS, ad fl. Caí inferius p. P. Alegre, NEL, in agro, 12.10.1949, fr.

**44204** RGS, Morro Santana p. P. Alegre, NEL, in incultis, 2.11.1949, fr.

**47350** RGS, S. Leopoldo, NEL, ad viam in graminosis, 1947, fr., leg. A. Spies.

**48989** RGS, Vila Manresa p. P. Alegre, NEL, in agro, 18.10.1950, fr.

**54407** RGS, ibidem, 12.12.1953, fr., det. Swallen.

**57009** RGS, ad montem Sapucaia p. S. Leopoldo, NEL, in incultis, 11.10.1955, fr.

**59633** RGS, Farroupilha, NEH, in incultis, 16.9.1956, fl., leg. O. Camargo 752.

**61263** RGS, Pelotas, SEC, in incultis, 26.10.1957, fl., leg. Sacco 672.

**62080** RGS, Bento Gonçalves, NEH, in incultis, 6.10.1957, fl., leg. O. Camargo 1957.

**62339** RGS, Montenegro, NEL, in incultis, 19.9.1957, fr., leg. O. Camargo 1779.

**Habit:** Isolated or in thin bunches, up to 50 cm high.

**Habitat:** On disturbed soil only, often in extense stands.

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

**General distribution:** From Europe to the greater part of America.

**Briza neesii** Döll, FB 2,3 (1878) 132; Arechavaleta, Gram. Ur. (1894) 407; Reitz, Sellowia 7 (1956) 98.

**48333** SC, Campo dos Padres p. Bom Retiro, in subpaludosis alte graminosis, 17.12.1948, fr., leg. R. Reitz 3484, det. Swallen.

**50709** SC, ibidem, 16.12.1948, fr., leg. R. Reitz 3770, det. Swallen.

**60078** SC, ibidem, 22.1.1957, fr.

**Habit:** Thin bunches, wiry, up to 1 m high.

**Habitat:** Wet, densely vegetated places.

**Distribution in RGS:** To be found on the northeastern Highlands.

**General distribution:** From Minas Gerais to RGS.

**Briza poaemorpha** (Presl.) Henr.,

Herter, Flor. Urug. (1930) 35; Malme, Sv. Bot. Tidskr. 30 (1936) 11.

**2731** RGS, S. Leopoldo, NEL, in alte dumosis humidis, 23.10.1933, fr., Leg. C. Orth SJ, det. Chase.

**33206** RGS, Parecí p. Montenegro, NEL, in subpaludosis alte graminosis, 25.11.1945, fr., leg. E. Henz SJ, det. Swallen.

**38340** RGS, Esteio p. S. Leopoldo, NEL, in subpaludosis altissime graminosis, 24.11.1948, fr., det. Swallen.

**44114** RGS, Barreto Vianna p. S. Leopoldo, NEL, in humidis alte dumosis, 24.10.1949, fr., det. Swallen.

**44345** RGS, ad fl. Gravataí inferius p. P. Alegre, NEL, in humidis alte graminosis, 11.11.1949, fr.

**44368** RGS, Fiação p. S. Leopoldo, NEL, in subhumidis alte graminosis, 14.11.1949, fr.

**44483** RGS, Granja Neugebauer p. P. Alegre, NEL, in humidis alte graminosis, 19.11.1949, fr.

**54708** RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in humidis alte graminosis, 1.1.1954, fr., det. Swallen.

**56437** RGS, ibidem, 2.1.1955.

**57135** RGS, Vila Manresa p. P. Alegre, NEL, in humidis, 4.11.1955, fl.

**59458** RGS, Farroupilha, NEH, in humidis alte graminosis, 15.11.1956, fl. leg. O. Camargo 950.

**59541** RGS, ibidem, 30.10.1956, fl., leg. O. Camargo 909.

**62662** RGS, P. Alegre, NEL, in humidis alte graminosis, 2.11.1957, fl., leg. O. Camargo 2375.

**62731** RGS, Farroupilha, NEH, in alte graminosis, 31.10.1957, fl., leg. O. Camargo 2337.

**Habit:** Very thin, threadlike, recumbent, up to 1 m long and more.

**Habitat:** High, grassy swamps and wet Campos.

**Distribution in RGS:** Apparently over the whole swampy area.

**General distribution:** From Minas Gerais to Uruguay.

***Briza rotundata* Hack.,**

**35149** RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus siccis alte graminosis, 15.1.1947, fr., det. Parodi.

**Habit:** Dense, rather stiff bunches, 50 cm high.

**Habitat:** Dry Campos.

**Distribution in RGS:** Apparently northeastern Highlands only.

**General distribution:**

***Briza rufa* (Presl.) Steud.,**

*B. scabra* (Nees) Ekm., Ark. f. Bot. 13, n.10 (1913) 53; Herter, Flor. Urug. (1930) 35. – *B. neesii* Döll, FB 2,3 (1878) 132.

**856** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus alte graminosis, 5.10.1931, fl., leg. C. Orth SJ (Chase, Parodi: *B. scabra* (Nees) Ekm.).

**29322** RGS, ibidem, 26.10.1945, det. Swallen.

**38077** RGS, ibidem, 17.11.1948, fr., det. Swallen.

**30713** RGS, Vila Oliva p. Caxias, NEH, in subhumidis umbrosis, 28.1.1946, fr., det. Swallen.

**34152** RGS, Faz. da Ronda p. Vacaria, NEH, in umbrosis, 15.1.1947, fr.

**43900** RGS, ad fl. Caí inferius p. P. Alegre, NEL, ad silvam campes-trem in umbrosis, 12.10.1949, fr., det. Swallen.

**57010** RGS, ad montem Sapucaia p. S. Leopoldo, NEL, in alte graminosis, 11.10.1955, fl.

**57252** RGS, Vila Manresa p. P. Alegre, NEL, in subumbrosis, 15.10.1955, fl.

**59527** RGS, Farroupilha, NEH, in humidis, 24.9.1956, fl., leg. O. Camargo 762.

**59528** RGS, ibidem, 16.9.1956, fl., leg. O. Camargo 755.

**62190** RGS, ibidem, in alte graminosis, 4.10.1957, fl., leg. O. Camargo 1885.

**61828** RGS, Garibaldi, NEH, in alte graminosis, 29.10.1957, fl., leg. O. Camargo 2252.

**62356** Farroupilha, NEH, 12.9.1957, in alte graminosis, fl., Leg. O. Camargo 1708.

**Habit:** Moderately thick bunches, up to 75 cm high.

**Habitat:** Dry to moderately wet places.

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

**General distribution:** From Minas Gerais to Uruguay.

**Briza stricta** (Hook. et Arn.) Steud.,

**11735** RGS, in summo monte Sapucaia p. S. Leopoldo, NEL, 1943, fr.

**25586** RGS, Fazenda Sta Cecília p. S. Gabriel, SW, in campestribus dense graminosis, 1.1944, fr. deciso.

**29518** RGS, Sapucaia p. S. Leopoldo, NEL, in campestribus arenosis, 5.9.1945, det. Swallen.

**33198** RGS, Vila Oliva p. Caxias, NEH, in campestribus subhumidis, 16.1.1946, fr.

**33382** RGS, S. Leopoldo, NEL, in campestribus alte graminosis, 10.9.1946, fr., leg. E. Henz SJ.

**33914** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus alte graminosis, 18.9.1946, fr.

**37743** RGS, ibidem, 22.9.1948, fr., det. Beetle.

**37852** RGS, ibidem, 4.11.1948, fr., det. Swallen.

**38119** RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis, 20.11.1948, fr., det. Beetle.

**43263** RGS, Est. Azevedo p. Montenegro, NEL, in alte graminosis, 5.9.1949, fr., det. Swallen.

**43590** RGS, Portão p. S. Leopoldo, NEL, in alte graminosis, 23.9.1949, fr., det. Swallen.

**43606** RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus alte graminosis, 28.9.1949, det. Swallen.

**43750** RGS, Morro do Sabiá p. P. Alegre, NEL, in arenosis alte graminosis, 5.10.1949, fr.

**43872** RGS, ad fl. Caí inferius p. P. Alegre, NEL, in arenosis alte



graminosis, 12.10.1949, fr., det. Swallen.

**43980** RGS, Sapucaia p. S. Leopoldo, NEL, in arenosis alte graminosis, 19.10.1949, fr., det. Swallen.

**48990** RGS, Vila Manresa p. P. Alegre, NEL, in alte graminosis, 18.10.1950, fr., det. Beetle.

**56229** RGS, Torres, prope litus in arenosis, 12.11.1954, fr., det. Parodi.

**57443** RGS, in summo monte Sapucaia p. S. Leopoldo, NEL, in rupestribus graminosis, 9.10.1955, fr.

**62066** RGS, Bento Gonçalves, NEH, in alte graminosis, 6.10.1957, fl., leg. O. Camargo 1934.

**62067** RGS, Farroupilha, NEH, in alte graminosis, 10.10.1957, fl., leg. O. Camargo 1912.

**63361** RGS, Pelotas, SEC, in campestribus, 5.10.1954, fl., leg. J. Sacco, det. Parodi, Swallen.

**Habit:** Dense bunches, up to 50 cm high.

**Habitat:** Dry Campos.

**Distribution in RGS:** Widely scattered, probably over the whole of the area.

**General distribution:** Southern Brazil to Uruguay.

***Briza subaristata* Lam.,**

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**26775** RGS, Cerro Largo p. S. Luiz, NWH, in campestribus dumosis, 9.1944, fr., leg. E. Friderichs SJ, det. Swallen.

**29323** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus alte graminosis, 26.10.1945, fr., det. Swallen.

**34224** Chile, Mal Paso p. Valdivia, in arenosis, 15.11.1931, fr., leg. et det. H. Gunkel.

**54411** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus alte graminosis, 12.11.1953, fr., det. Swallen.

**54569** RGS, Taimbesinho p. S. Francisco de Paula, NEH, in paludosis alte graminosis, 13.11.1953, fl., det. Swallen.

**55905** RGS, Fazenda do Arroio p. Osório, NEC, in arenosis graminosis, 3.10.1954, fr., det. Parodi (Swallen: *B. triloba* Nees).

**57016** RGS, ad montem Sapucaia p. S. Leopoldo, NEL, in alte graminosis, 26.10.1955, fl.

**57122** RGS, Esteio p. S. Leopoldo, NEL, in siccis alte graminosis, 14.11.1955, fl.

**57212** RGS, Vila Manresa p. P. Alegre, NEL, in alte graminosis, 22.10.1955, fl.

**57222** RGS, ibidem, 15.10.1955, fl.

**57228** RGS, ibidem, 15.10.1955, fl.

- 57232 RGS, *ibidem*, in alte graminosis, 15.10.1955, fl.
- 57234 RGS, Esteio p. S. Leopoldo, NEL, in graminosis, 11.11.1955, fl.
- 57358 RGS, Estação de Silvicultura p. Sta Maria, CL, 15.11.1955, fr., leg. O. Camargo 30.
- 59542 RGS, Farroupilha, NEH, in alte graminosis, 22.10.1956, fl., leg. O. Camargo 845.
- 62044 RGS, P. Alegre, NEL, in alte graminosis, 1.10.1957, fl., leg. O. Camargo 1838.
- 62352 RGS, Montenegro, NEL, in alte graminosis, 19.9.1957, fr., leg. O. Camargo 1764.
- 62580 RGS, Passo Fundo, CH, in campestribus siccis, 20.10.1957, fl, leg. O. Camargo 2216.
- 63365 RGS, Pelotas, SEC, in campestribus, 29.9.1954, fl., leg. J. Sacco 177, det. Parodi.
- 63366 RGS, *ibidem*, 5.10.1954, fl., leg. J. Sacco 186, det. Parodi.
- Habit:** Thick, rather stiff bunches, up to 50 cm high.
- Habitat:** Dry Campos.
- Distribution in RGS:** Over the whole of the Campos area.
- General distribution:** Southern Brazil and Uruguay.
- Briza triloba** Nees, *Agrost. Bras.* (1929) 482; Döll, *FB* 2,3 (1878) 133; Arechavaleta, *Gram. Ur.* (1894) 405; Herter, *Flor. Ur.* (1930) 35; Reitz, *Sellowia* 7 (1956) 98.
- 741 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis, 10.12.1932, fr., leg. C. Orth SJ, det. Parodi, Swallen.
- 7453 RGS, S. Leopoldo, NEL, in campestribus alte graminosis, 1907, fr., leg. F. Theissen SJ.
- 11770 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus alte graminosis, 1943, fr.
- 26457 RGS, Parecí p. Montenegro, NEL, in campestribus alte graminosis, 1944, fr., leg. E. Henz SJ.
- 30725 RGS, Vila Oliva p. Caxias, NEL, in campestribus graminosis, 28.1.1946, fr., det. Swallen.
- 30726 RGS, *ibidem*, 28.1.1946, fr., det. Swallen.
- 31798 SC, Sombrio p. Araranguá, in arenosis siccis, 8.2.1946, fr.
- 31903 SC, *ibidem*, 9.10.1945, fr., leg. R. Reitz 1284, det. Swallen.
- 32580 RGS, Parecí p. Montenegro, NEL, in campestribus graminosis, 26.9.1945, fr., leg. E. Henz SJ.
- 34151 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis, 16.10.1946, fr.
- 34203 RGS, *ibidem*, 16.10.1946, fr.
- 34349 RGS, Cerro Largo p. S. Luiz, NWH, in alte graminosis, 31.10.1946, fr., leg. Irm. Augusto.

**35136** RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus alte graminosis, 15.1.1947, fr.

**35148** RGS, ibidem, 15.1.1947, fr.

**43776** RGS, Parecí p. Montenegro, NEL, in campestribus alte graminosis, 7.10.1949, fr., det. Swallen.

**48344** SC, Sombrio p. Araranguá, in agro, 9.10.1945, fr., leg. R. Reitz 3445, det. Swallen.

**Habit:** More or less thick bunches, up to 50 cm high.

**Habitat:** Dry Campos.

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

**General distribution:** From SC to Uruguay, Argentina and Chile.

**Briza uniolae** Nees, *Agrost. Bras.* (1829) 482; Döll, *FB* 2,3 (1878) 130; Arechavaleta, *Gram. Ur.* (1894) 408; Herter, *Flor. Ur.* (1930) 36; Ekman, *Ark. f. Bot.* 13, n.10 (1913) 52; Malme, *Sv. Bot. Tidskr.* 30 (1936) 11; Reitz, *Sellowia* 7 (1956) 98.

**1096** RGS, S. Leopoldo, NEL, in campestribus alte graminosis, 20.10.1934, fr., leg. C. Orth SJ, det. Parodi (*Chase: B. subaristata* Lam.).

**1109** RGS, ibidem, 13.10.1934, fr., leg. C. Orth SJ, det. Chase, Parodi.

**9874** RGS, Tupanciretan, NWH, in siccis graminosis, 29.1.1942, fr., det. Swallen.

**29324** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus graminosis, 26.10.1945, fr.

**35415** RGS, S. Leopoldo, NEL, in arenosis, 18.10.1946, fr., leg. B. Wagner SJ.

**37866** RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus alte graminosis, 6.11.1948, fr., det. Swallen.

**37946** RGS, Sapucaia p. S. Leopoldo, NEL, in campestribus arenosis, 10.11.1949, fr., det. Swallen.

**38236** RGS, ibidem, 22.11.1948, fr., det. Swallen.

**38342** RGS, Esteio p. S. Leopoldo, NEL, in subpaludosis alte graminosis, 24.11.1948, fr.

**43897** RGS, ad f. Caí inferius p. P. Alegre, NEL, in arenosis alte graminosis, 12.10.1949, fr., det. Swallen.

**44050** RGS, Barreto Vianna p. S. Leopoldo, NEL, in campestribus siccis alte graminosis, 24.10.1949, fr., det. Swallen.

**44179** RGS, Morro Santana p. P. Alegre, NEL, in campestribus dumosis, 2.11.1949, fr.

**44239** RGS, Sapucaia p. S. Leopoldo, NEL, in campestribus arenosis, 5.11.1949, fr., det. Beetle.

**49038** RGS, Esteio p. P. Alegre, NEL, in campestribus alte graminosis, 25.10.1950, fr.

- 54567** RGS, Taimbesinho p. S. Francisco de Paula, NEH, in paludosis alte graminosis, 13.11.1953, fr., det. Swallen.
- 54713** RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in humidis alte graminosis, 1.1.1954, fr., det. Swallen.
- 56001** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus alte graminosis, 19.11.1954, fr.
- 57204** RGS, ibidem, 22.10.1955, fl.
- 57242** RGS, Esteio p. S. Leopoldo, NEL, in alte graminosis, 11.11.1955, fr.
- 57441** RGS, in summo monte Sapucaia p. S. Leopoldo, NEL, in rupestribus alte graminosis, 9.10.1955, fl.
- 57509** RGS, Estação de Silvicultura p. Sta Maria, CL, in alte graminosis, 15.11.1955, fr., leg. O. Camargo 22.
- 59385** RGS, Farroupilha, NEH, in dumosis alte graminosis, 15.11.1956, fl., leg. O. Camargo 992.
- 61989** RGS, Farroupilha, NEH, in alte dumosis, 18.11.1957, fl., leg. O. Camargo 2570.
- 61990** RGS, ibidem, 25.11.1957, fl., leg. O. Camargo 2637.
- 62830** RGS, P. Alegre, NEL, in campestribus siccis, 1.11.1957, fl., leg. O. Camargo 2412.
- 63368** RGS, Pelotas, SEC, in alte graminosis, 19.10.1954, fr., leg. J. Sacco 209, det. Parodi, Swallen.

**Habit:** Thin bunches, rather wiry, up to 1 m high.

**Habitat:** Dry shrubby Campos.

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

**General distribution:** From Paraná to Uruguay and Argentina.

## **BROMUS L.**

**Bromus auleticus** Trin., ex Nees, *Agrost. Bras.* (1828) 468;— *B. erectus* Huds. var. *auleticus* (Trin.) Döl, *FB* 2,3 (1878) 109, tab. 32; Herter, *Flor. Urug.* (1930) 37.

**841** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus alte graminosis, 5.10.1931, fr., leg. C. Orth SJ, det. Chase.

**2725** RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus alte dumosis, 20.10.1935, fr., leg. C. Orth SJ, det. Chase.

**25603** RGS, Fazenda Sta Cecília p. S. Gabriel, SW, in campestribus dense graminosis, 1.1944, fr.

**37757** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus alte dumosis, 1.10.1948, fl.

**38099** RGS, ibidem, 17.11.1948, det. Swallen.

**43571** RGS, Portão p. S. Leopoldo, NEL, in campestribus alte dumosis, 23.9.1949, fl., det. Swallen.

- 43611** RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus alte graminosis, 28.9.1949, fr., det. Swallen.  
**43978** RGS, Vila Manresa p. P. Alegre, 19.10.1949, fr., det. Swallen.  
**43995** RGS, Morro do Osso p. P. Alegre, NEL, in alte graminosis, 21.10.1949, fr.  
**44430** RGS, Granja Neugebauer p. Itapoan, in alte graminosis, 19.11.1949, fr.  
**48993** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus aperte dumosis, 28.11.1950, fl.  
**56000** RGS, ibidem, 19.11.1954, fl.  
**57139** RGS, ibidem, 4.11.1955, fl.  
**57501** RGS, Estação de Silvicultura p. Sta Maria, CL, in alte graminosis, 18.11.1955, fl., leg. O. Camargo 20.

**Habit:** Large, dense bunches, up to 1 m high.

**Habitat:** More or less dry Campos slopes.

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

**General distribution:** SC, RGS, Ur.

**Bromus brachyanthera** Döll, FB 2,3 (1878) 110: Ekman, Ark. f. Bot. 13, n. 10 (1913) 62; Reitz, Sellowia 7 (1956) 98.

**8739** RGS, Serra da Rocinha p. Bom Jesus, NEH, in silvula nebulari, 14.1.1942, fr.

**8748** RGS, ibidem, 14.1.1942, fr. deciso.

**40231** RGS, Sta Rita p. Farroupilha, NEH, in araucarieto, 28.1.1949, fr.

**44631** RGS, Vila Oliva p. Caxias, NEH, in araucarieto, 3.12.1949, fr.

**44862** RGS, S. Francisco de Paula, NEH, in araucarieto, 18.12.1949, fl.

**48352** SC, Figueiredo p. Bom Retiro, in dumosis humidis, 28.12.1948, fr. deciso, leg. R. Reitz, 3466, det. Swallen.

**49315** RGS, Taimbesinho p. S. Francisco de Paula, NEH, in araucarieto, 18.12.1950, fl.

**54479** RGS, ibidem, in umbrosis subhumidis, 13.11.1953, fl., det. Swallen.

**56315** RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in paludosis alte dumosis, 2.1.1955, fl.

**56357** RGS, ibidem, 2.1.1955, fl.

**59717** RGS, Farroupilha, NEH, in dumosis, 30.10.1956, fr., leg. O. Camargo 912.

**59718** RGS, ibidem, 28.5.1956, fl., leg. O. Camargo 703.

**59681** RGS, ibidem, 28.5.1956, fl., leg. O. Camargo 722.

**Habit:** Isolated or in thin, slender bunches, up to 75 cm high.

**Habitat:** Wet to swampy cloud and Araucaria forests.

**Distribution in RGS:** Northeastern Highlands.

**General distribution:** From Paraná to RGS.

**Bromus catharticus** Vahl, Symb. Bot. 2 ( ) 22; Herter, Flor. Ur. (1930) 36; Ekman, Ark. f. Bot. 11, n.4 (1912) 47; idem, Ark. f. Bot. 13, n.10 (1913) 63. – *B. unioides* (Willd.) Nees, Agrost. Bras. (1829) 470; Döll, FB 2,3 (1878) 110.

**738** RGS, Vila Manresa p. P. Alegre, NEL, in agro inculto, 6.10.1932, fl., leg. C. Orth SJ, det. Parodi.

**2907** RGS, S. Borja, SW, in incultis, 1943, fl., leg. Fr. Baglione.

**2664** RGS, Parecí p. Montenegro, NEL, in incultis, 1944, fl., leg. E. Henz SJ.

**26758** RGS, Cerro Largo p. S. Luiz, NWH, in agro, 9.1944, fr., leg. E. Friderichs SJ.

**26824** RGS, P. Alegre, NEL, in incultis, 13.9.1944, fl., leg. P. Caparelli, det. Parodi, Swallen.

**26980** RGS, Vila Manresa p. P. Alegre, NEL, in agro, 10.1944, fr.

**28338** RGS, Nonoai, NWU, in agro, 3.1945, fr.

**29184** RGS, Vila Manresa p. P. Alegre, NEL, in agro, 12.9.1945, fr., leg. Swallen.

**30715** RGS, Vila Oliva p. Caxias, NEH, in campestribus, 28.1.1946, fr.

**32881** RGS, Kappesberg p. Montenegro, NES, in agro, 24.10.1944, fl., leg. E. Friderichs SJ.

**33357** RGS, S. Leopoldo, NEL, in incultis, 17.7.1946, fl., leg. E. Henz SJ.

**33909** RGS, Vila Manresa p. P. Alegre, NEL, in agro, 18.9.1946, fl., det. Swallen.

**35497** RGS, S. Leopoldo, NEL, in agro, 2.10.1946, fl., leg. C. Ritter SJ.

**43736** RGS, Morro do Sabiá p. P. Alegre, NEL, ad viam in incultis, 5.10.1949, fr., det. Swallen.

**54449** RGS, Vila Manresa p. P. Alegre, NEL, in agro, 12.11.1953, fr., det. Swallen.

**55989** RGS, ibidem, 19.11.1954, fr.,

**57218** RGS, ibidem, 15.10.1955, fl.

**59522** RGS, Farroupilha, NEH, in dumosis alte graminosis, 17.9.1956, leg. O. Camargo 751.

**61580** RGS, Taquarí, NEL, in incultis, 8.12.1957, fl., leg. O. Camargo 2690.

**64341** SC, S. Joaquim, in incultis, 10.1958, fl., leg. J. Mattos.

**Habit:** Isolated, slender, up to 50 cm high.

**Habitat:** Disturbed soil.

**Distribution in RGS:** Over the whole of the cultivated area; not native.

**General distribution:** Subtropical to temperate America.

**CALAMAGROSTIS** Rott.**Calamagrostis armata** (Döll) Parodi, (8)

37444 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis alte graminosis, 11.8.1948, fr.

41559 RGS, ibidem, 14.5.1949, fr.

43977 RGS, ibidem, 19.10.1949, fr.

44463 RGS, Granja Neugebauer p. Itapoan, NEL, in campestribus siccis alte graminosis, 19.11.1949, fr.

45940 RGS, Lagoa dos Quadros p. Torres, NEC, in alte dumosis, 21.2.1950, fr.

48986 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 18.10.1950, fr.

57020 RGS, ad montem Sapucaia p. S. Leopoldo, NEL, in alte graminosis, 26.10.1955, fl.

**Habit:** Thin bunches, up to 75 cm high.

**Habitat:** More or less dry Campos.

**Distribution in RGS:** Northeastern Lowlands and Sea Coast.

**General distribution:** RGS, Ur, Argentina.

**Calamagrostis beyrichiana** Nees, ap. Döll, FB 2,3 (1878) 54, tab. 16; Parodi, Rev. Arg. Agr. 16, n.2 (1949) 61, fig. 4.

2729 RGS, S. Leopoldo, NEL, ad rivum in alte dumosis, 16.10.1935, fr., leg. C. Orth SJ, det. Chase.

54679 RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in alte graminosis, 1.1.1954, fr., (Swallen: *C. longearistata* (Wedd.) Hack.).

54715 RGS, ibidem, 1.1.1954, fr.

59680 RGS, Farroupilha, NEH, in alte graminosis, 16.5.1956, fr., leg. O. Camargo 655.

59830 RGS, ibidem, 28.12.1956, fr., leg. O. Camargo 1064.

60083 SC, Campo dos Padres p. Bom Retiro, in subhumidis, 22.2.1957, fr.

64339 SC, S. Joaquim, in campestribus, 10.2.1958, fr., leg. J. Mattos.

**Habit:** Isolated or in small bunches, up to 75 cm high.

**Habitat:** More or less dry, grassy and shrubby places.

**Distribution in RGS:** Northeastern Lowlands and Highlands.

**General distribution:** From Rio de Janeiro to Uruguay.

**Calamagrostis longearistata** (Wedd.) Hack., ap. Sodiro, An. Univ. Quito 1899, 8.

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(8) = *Calamagrostis alba* (Presl.) Stendel, det. A. Normann, 1974.

**8720** RGS, Serra da Rocinha p. Bom Jesus, NEH, in campestribus subsiccis, 14.1.1942, fr., det. Swallen.

**9746** RGS, Tupanciretan, NWH, in campestribus siccis alte graminosis, 29.1.1942, fr., det. Swallen.

**27808** S. Paulo, Campos do Jordão, in campestribus alte graminosis, 1.1944, fr., leg. E. Friderichs SJ, det. Swallen.

**35150** RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus siccis alte graminosis, 15.1.1947, fr.

**36445** RGS, Cambará p. S. Francisco de Paula, NEH, in humidis alte graminosis, 2.1948, fr.

**36472** RGS, ibidem, 2.1948, det. Swallen.

**44630** RGS, Vila Oliva p. Caxias, NEH, in campestribus alte graminosis, 3.12.1948, fr.

**44643** RGS, ibidem, 3.12.1949, fr.

**44846** RGS, S. Francisco de Paula, NEH, in campestribus alte graminosis, 18.12.1949, fr.

**44960** RGS, Gramado p. Canela, NEH, in dumosis, 26.12.1949, fr.

**45000** RGS, ibidem, 26.12.1949, fr. (9)

**48322** SC, Figueiredo p. Bom Retiro, in campestribus alte graminosis, 28.12.1948, fr., leg. R. Reitz 3500, det. Swallen.

**Habit:** Thin bunches, up to 75 cm high.

**Habitat:** Dry to moderately wet Campos.

**Distribution in RGS:** All findplaces from the Highlands, especially the northeastern sector.

**General distribution:** From Ecuador to Uruguay.

*Calamagrostis montevidensis* Nees, *Agrost. Bras.* (1829) 401; Parodi, *Rev. Arg. Agr.* 16, n.2 (1949) 61, fig. 1.

**54572** RGS, Taimbesinho p. S. Francisco de Paula, NEH, in humidis alte graminosis, 13.11.1953, fl. (Swallen: *C. longearistata* (Wedd.) Hack.).

**54691** RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in humidis alte graminosis, 1.1.1954, fr. (Swallen: *C. longearistata* (Wedd.) Hack.).

**56321** RGS, ibidem, 2.1.1955.

**56673** RGS, Vila Oliva p. Caxias, NEH, in campestribus alte graminosis, 8.2.1955, fr.

**56046** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus alte graminosis 19.11.1954, fl., det. Parodi (*Deyeuxia spendens* Brongn.; Swallen: *C. viridiflavescens* (Poir.) Steudel).

**57216** RGS, ibidem, 15.10.1955, fl.

(9) = *Polyopogon elongatus* H. B. K., det. A. Normann, 1974.



**57238** RGS, Esteio p. S. Leopoldo, NEL, in humidis alte graminosis, 11.11.1955, fl.

**57342** RGS, Estação de Silvicultura p. Sta Maria, CL, in alte graminosis, 15.11.1955, fl., leg. O. Camargo 36.

**58688** RGS, ibidem, in alte graminosis, 28.2.1956, fl., leg. O. Camargo 5.

**61211** SC, Itapiranga ad fl. Uruguay superius, in incultis, 7.10.1957, fl.

**62963** RGS, Taquarí, NEL, in campestribus, 10.12.1957, fl., leg. O. Camargo 3050.

**Habit:** Thin, slender bunches, up to 1 m high.

**Habitat:** Dry to moderately wet, more or less shrubby Campos.

**Distribution in RGS:** Northeastern Lowlands and Highlands.

**General distribution:** From Peru and Bolivia to South Brazil, Uruguay, Central Argentina.

*Calamagrostis viridi-flavescens* (Poir.) Steud. ed. 2, 1 (1840) 251; Ekman, Ark. f. Bot. 11, n.4 (1912) 34; Ekman, Ark. f. Bot. 13., n.10 (1913) 42; Malme, Sv. Bot. Tidskr. 30 (1936) 11; Parodi, Rev. Arg. Agr. 16, n.2 (1949) 66, fig. 2; Reitz, Sellowia 7 (1956) 98.

**839** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus alte graminosis, 8.2.1933, fr., leg. C. Orth SJ, det. Swallen.

**2912** RGS, S. Borja, SW, in campestribus alte graminosis, 1943, fr., det. Fr. Baglione.

**4913** RGS, Sta Clara p. Lageado, NEL, in graminosis, 18.11.1940, fr., det. Swallen.

**6989** SC, Lages, ad viam in dumosis, 1935, fr., leg. A. Bruxel SJ, det. Swallen.

**30744** RGS, Vila Oliva p. Caxias, NEH, in graminosis siccis, 28.1.1946, fr.

**31955** SC, Sombrio p. Araranguá, in arenosis alte graminosis, 3.12.1945, fr., leg. R. Reitz 1320, det. Beetle.

**32601** RGS, Parecí p. Montenegro, NEL, in campestribus alte graminosis, 24.10.1945, fr., leg. E. Henz SJ, det. Beetle.

**33492** RGS, S. Leopoldo, NEL, in campestribus alte graminosis, 17.7.1946, fr., leg. E. Henz SJ.

**37945** RGS, Sapucaia p. S. Leopoldo, NEL, in arenosis alte graminosis, 10.11.1948, fr., det. Swallen.

**38100** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis alte graminosis, 18.11.1948, fr., det. Swallen.

**39920** RGS, ad montem Ferrabraz p. Novo Hamburgo, NEL, in arenosis alte graminosis, 12.11.1949, fr.

**40002** RGS, Linha Bonita p. Montenegro, in agro, 19.1.1949, fr., det. Swallen.

- 40213** RGS, Sta Rita p. Farroupilha, NEH, in incultis, 27.1.1949, fr., det. Swallen.
- 41052** RGS, Morro Santana p. P. Alegre, NEL, in dumosis siccis, 13.4.1949, fr., det. Swallen.
- 41102** RGS, ad fl. Gravataí inferius p. P. Alegre, NEL, in siccis alte graminosis, 8.4.1949, fr., det. Swallen.
- 41330** RGS, Morretes p. P. Alegre, NEL, in arenosis graminosis, 2.5.1949, fr.
- 42435** RGS, Parecí p. Montenegro, NEL, ad viam ferream in dumosis, 7.7.1949, fr., det. Swallen.
- 43899** RGS, ad fl. Caí inferius p. P. Alegre, NEL, ad viam ferream in ruderatis, 12.10.1949, fr., det. Swallen.
- 50902** Paran , Campo Magro p. Timoneira, in siccis alte graminosis, 26.9.1950, fr., leg. G. Hatschbach 2043, det. Parodi.
- 52754** RGS, Sto Ant nio da Patrulha, NEL, in dumosis ad viam, 29.6.1952, fr., leg. et det. A. Beetle.
- 53296** RGS, Caar  p. S. Luiz, NWH, in campestribus alte dumosis, 24.11.1952, fr.
- 54431** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus alte graminosis, 12.11.1953, fl., det. Swallen.
- 54958** RGS, Vila Oliva p. Caxias, NEH, in dumosis, 24.2.1954, fr.
- 55087** RGS, ibidem, 24.2.1954, fr.
- 59388** RGS, Farroupilha, NEH, in alte graminosis, 25.11.1956, fl., leg. O. Camargo 1026.
- 59523** RGS, ibidem, 26.10.1956, fl., leg. O. Camargo 863.
- 59831** RGS, ibidem, 25.3.1957, fl., leg. O. Camargo 1321.
- 60814** RGS, ibidem, 5.6.1957, fl., leg. O. Camargo 1567.
- 61966** RGS, ibidem, 25.11.1957, fl., leg. O. Camargo 2633.
- 62748** RGS, Garibaldi, NEH, in alte graminosis, 29.10.1957, fl., leg. O. Camargo 2316.

**Habit:** Isolated or in thin bunches, up to 1,5 m high.

**Habitat:** Dry to moderately wet, open or shrubby Campos.

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

**General distribution:** From Rio de Janeiro to Uruguay and B. Aires.

## CENCHRUS L.

*Cenchrus echinatus* L., Spec. Plant. ed. 2 (1762) 1150; D ll, FB 2,3 (1877) tab. 63; Arechavaleta, Gram. Urug. (1894) 155; Ekman, Ark. f. Bot. 11, n.4 (1912) 28; Herter, Flor. Ur. (1930) 28; Reitz, Sellowia 7 (1956) 98.

**861** RGS, Vila Manresa p. P. Alegre, NEL, in agro, 5.3.1933, fr., leg. C. Orth SJ, det. Chase.

- 2904** RGS, S. Borja, SW, in incultis, 1943, fr., leg. F. Baglione.  
**7438** RGS, S. Leopoldo, NEL, in arenosis siccis, 1907, fr., leg. F. Theissen SJ.  
**3708** RGS, S. José do Hortênsio, NES, in incultis ad viam, 3.1.1941, fr.  
**28875** SC, Trindade p. Florianópolis, in arenosis incultis, 18.3.1945, fr., leg. A. Rohr SJ.  
**29583** RGS, Parecí p. Montenegro, NEL, in incultis arenosis siccis, 26.9.1945, fr., leg. E. Henz SJ.  
**31401** RGS, Vila Oliva p. Caxias, NEH, in incultis ad viam, 31.3.1946, fr.  
**38434** RGS, Vila Manresa p. P. Alegre, NEL, in incultis, 1.12.1948, fr.  
**41987** RGS, Morro Santana p. P. Alegre, NEL, in agro, 15.6.1949, fl.  
**58608** RGS, Estação de Silvicultura p. Sta Maria, CL, in incultis, 10.1.1956, fr., leg. O. Camargo 25.  
**61965** RGS, Taquarí, NEL, in incultis, fr., 8.12.1957, fr., leg. O. Camargo 2685.

**Habit:** Radiating from the fixing point, prostrate to ascending.

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

**Distribution in RGS:** Over the whole of the cultivated area, sometimes dominant weed.

**General distribution:** From northern South America to Uruguay.

**Cenchrus myosuroides** H.B.K., Nov. Gen. et Spec. 1 ( ) 115, tab. 35; Ekman, Ark. f. Bot. 11, n.4 (1912) 28; Herter, Flor. Urug. (1930) 28; Arechavaleta, Gram. Ur. (1894) 157.

**1066** RGS, S. Leopoldo, NEL, in arenosis dumosis, 20.2.1934, fr., leg. C. Orth SJ, det. A. Chase.

**32587** RGS, Parecí p. Montenegro, NEL, in arenosis dumosis, 31.10.1945, fr., leg. E. Henz SJ.

**33379** RGS, ibidem, 10.9.1946, fr., leg. E. Henz SJ.

**38210** RGS, Sapucaia p. S. Leopoldo, NEL, in arenosis alte gramino-sis, 22.11.1948, fr., det. Swallen.

**40923** RGS, ad montem das Cabras p. S. Leopoldo, NEL, in arenosis alte dumosis, 8.4.1949, fr., det. Swallen.

**Habit:** Climbing and low shrubs, up to 2 m high.

**Habitat:** Dry, sandy, shrubby, places.

**Distribution in RGS:** Northeastern Lowlands.

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

**Cenchrus pauciflorus** Benth., Bot. Voy. Sulph. ( ) 56; Malme, Sv. Bot. Tidskr. 30 (1936) 10; Reitz, Sellowia 7 (1956) 99.

**26404** RGS, Fazenda das Almas p. Palmares, NEC, in arenosis siccis, 1.1945, fr., leg. P. Buck SJ, det. R. Swallen.

**55369** SC, Barra do Sul p. Araquarí in arenosis, 8.4.1953, leg. R. Reitz 7157, det. Swallen.

**55404** SC, Praia Braba p. Itajaí, prope litus in arenosis, 5.3.1953, fr., leg. R. Reitz 7106, det. Swallen.

**63094** RGS, Pelotas, SEC, in incultis, 11.3.1956, fl., fr., leg. Schlichting.

**Habit:** The same as *C. echinatus*, differences in the fruit.

**Habitat:** Dry, sandy, Campos.

**Distribution in RGS:** Sea coast.

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

### CHAETOTROPIS Kunth

*Chaetotropis chilensis* Kunth, Rev. Gram. ( ) 72, 271, tab. 47. –  
*Polypogon chilensis* (Kunth) Pilger,  
 Herter, Flor. Urug. (1930) 22.

1717 RGS, S. Leopoldo, NEL, in incultis, 8.11.1934, fr., det. Chase.

10834 RGS, Marcelino Ramos, NWU, in dumosis, 1.1943, fr., leg. E. Friderichs SJ, det. Swallen.

38815 RGS, Conceição p. Caí, NEL, in campestribus dumosis, 14.12.1948, fl., det. Swallen.

38221 RGS, Sapucaia p. S. Leopoldo, NEL, in dumosis siccis, 22.11.1948, fl., det. Swallen.

44728 RGS, Lagoa dos Barros p. Osório, NEC, in humidis alte graminosis, 14.12.1949, fr.

59389 RGS, Farroupilha, NEH, in dumosis graminosis, 15.11.1956, fl., leg. O. Camargo 991.

**Habit:** Isolated, up to 75 cm high.

**Habitat:** Dry, more or less densely vegetated places.

**Distribution in RGS:** Apparently over the whole Campos area, not too frequent.

**General distribution:** From Chile to Argentina, Uruguay, and RGS.

### CHLORIS Sw.

*Chloris argentina* (Hack.) Lillo et Parodi,

41809 RGS, Esteio p. S. Leopoldo, NEL, in campestribus graminosis, 1.6.1949, fr., det. Swallen.

**Habit:** Medium bunches, stalks up to 75 cm high.

**Habitat:** Dry, grassy, Campos.

**Distribution in RGS:** No other findplace.

**General distribution:**

*Chloris berroi* Arech., Gram. Urug. (1894) 328, lam 44; Herter, Flor. Urug. (1930) 38.

**60446** RGS, Estação de Silvicultura p. Sta Maria, CL, in campestribus siccis, 8.4.1956, fl., leg. O. Camargo 556.

**Habit:** Moderately dense bunches, stalks up to 90 cm high.

**Habitat:** Dry, sandy, grassy places.

**Distribution in RGS:** No other findplaces.

**General distribution:** RGS, Uruguay.

*Chloris canterai* Arech., Gram. Urug. (1894) 325; Herter, Flor. Urug. (1930) 38.

**25567** RGS, Fazenda Sta Cecília p. S. Gabriel, SW, in campestribus alte graminosis, 1.1944, fr., det. Swallen.

**25585** RGS, ibidem, 1.1944, fr.

**Habit:** Moderately dense bunches, up to 60 cm high.

**Habitat:** Dry Campos.

**Distribution in RGS:** Southeastern plains.

**General distribution:** RGS, Uruguay.

*Chloris caribaea* Spreng., Syst. Veg. 1 (1825) 295. *C. barbata* Swartz, Flor. Ind. occid. 1 ( ) 200; Döll, FB 2,3 (1878) 66.

**31399** SC, Sombrio p. Araranguá, in arenosis alte graminosis, 31.1.1946, fr., det. Swallen.

**39938** RGS, ad montem Ferrabraz p. Novo Hamburgo, NEL, in dumosis arenosis, 12.1.1949, fr.

**42046** RGS, Sapucaia p. S. Leopoldo, NEL, in arenosis dumosis, 18.6.1949, fr.

**44380** RGS, Fião p. S. Leopoldo, NEL, in arenosis dumosis, 14.11.1949, fr.

**46780** RGS, Fazenda do Arroio p. Osório, NEC, in arenosis dumosis, 14.4.1950, fr.

**47057** RGS, Lagoa da Pingueta p. Osório, NEC, in arenosis dumosis, 8.5.1950, fr.

**Habit:** Moderately large bunches, stalks up to 50 cm high.

**Habitat:** Dry, grassy Campos.

**Distribution in RGS:** Apparently all over the Campos area.

**General distribution:** From the West Indies to Uruguay; also extra-American.

**Chloris ciliata** Swartz, Prodr. ( ) 24; Döll, FB 2,3 (1878) 66; Arechavaleta, Gram. Urug. (1894) 324; Herter, Flor. Urug. (1930) 38.

**3906** RGS, Morro Vigia p. Livramento, SW, in rupestribus siccis parce graminosis, 12.1.1941, fr., det. Parodi.

**Habit:** Loose, small bunches, stalk 25 cm high.

**Habitat:** Rocky, dry, grassy, places.

**Distribution in RGS:** Southwestern frontier.

**General distribution:** From the West Indies to Uruguay.

**Chloris distichophylla** Lag., Gen. et Spec. nov. diagn. ( ) 4; Döll, FB 2,3 (1878) 70; Arechavaleta, Gram. Urug. (1894) 323; Ekman, Ark. f. Bot. 11, n.4 (1912) 34; idem, Ark. f. Bot. 13, n.10 (1913) 46; Herter, Flor. Urug. (1930) 38; Reitz, Sellowia 7 (1956) 99.

**1060** RGS, S. Leopoldo, NEL, in agro inculto, 3.2.1937, fr., leg. C. Orth SJ, det. Beetle.

**4912** RGS, Sta Clara p. Lageado, CS, in agro, 18.11.1940, fr.

**7450** RGS, S. Leopoldo, NEL, in campestribus alte graminosis, 1907, fr., leg. F. Theissen SJ.

**26564** RGS, Parecí p. Montenegro, NEL, in campestribus alte dumosis, 1944, fr., leg. E. Henz SJ.

**26772** RGS, Cerro Largo p. S. Luiz, NWH, ad viam in incultis, 9.1944, fr., leg. E. Friderichs SJ, det. Swallen.

**29474** RGS, Sapucaia p. S. Leopoldo, NEL, in arenosis dumosis, 5.9.1945, fr., det. Swallen.

**29640** RGS, Parecí p. Montenegro, NEL, in campestribus arenosis, 10.9.1945, fr., leg. E. Henz SJ, det. Swallen.

**33441** RGS, S. Leopoldo, NEL, in arenosis, 17.7.1946, fr., leg. E. Henz SJ.

**33457** RGS, ibidem, 18.7.1946, fl., leg. C. Ritter SJ.

**38241** RGS, Sapucaia p. S. Leopoldo, NEL, in arenosis alte graminosis, 22.11.1948, fr., det. Swallen.

**38615** RGS, ad montem das Cabras p. S. Leopoldo, NEL, in dumosis arenosis, 7.12.1948, fl.

**39748** RGS, Parecí p. Montenegro, NEL, in arenosis dumosis, 14.1.1949, fr.

**40000** RGS, Linha Bonita p. Montenegro, NES, in incultis, 19.1.1949, fr., det. Swallen.

**40539** RGS, Sapucaia p. S. Leopoldo, NEL, in arenosis dumosis, 17.3.1949, fr.

**41446** RGS, Estação Azevedo p. Montenegro, NEL, in arenosis graminosis, 6.5.1949, fr., det. Swallen.

**41574** RGS, ad montem Ferrabraz p. Novo Hamburgo, NEL, in dumosis secundariis, 16.5.1949, fr.

- 42429** RGS, Parecí p. Montenegro, NEL, in campestribus dumosis, 7.7.1949, fr., det. Swallen.
- 42631** Portão p. S. Leopoldo, NEL, in campestribus alte dumosis, 20.7.1949, fr., det. Swallen.
- 43274** RGS, Estação Azevedo p. Parecí, NEL, in campestribus arenosis alte graminosis, 5.7.1949, fr.
- 43827** RGS, Parecí p. Montenegro, NEL, in arenosis alte graminosis, 7.10.1949, fl.
- 44125** RGS, Barreto Viana p. S. Leopoldo, NEL, in campestribus alte graminosis, 24.10.1949, fr.
- 44240** RGS, Sapucaia p. S. Leopoldo, NEL, in dense alte graminosis, 5.11.1949, fr.
- 45942** RGS, Lagoa dos Quadros p. Torres, NEC, in arenosis graminosis, 21.2.1950, fr.
- 46451** Lagoa da Pingueta p. Osório, NEC, in arenosis subnudis, 27.3.1950, fr.
- 55403** SC, Praia Braba p. Itajaí, prope litus in arenosis, 5.3.1953, leg. R. Reitz 7109, det. Swallen.
- 57134** RGS, Esteio p. S. Leopoldo, NEL, in alte graminosis, 14.11.1955, fl.
- 58668** RGS, Estação de Silvicultura p. Sta Maria, CL, in alte graminosis, 10.1.1956, fl., leg. O. Camargo 52.
- 59170** RGS, in summo monte Sapucaia p. S. Leopoldo, NEL, in rupestribus parce humosis, 3.2.1956, fl., fr.
- 60266** RGS, Farroupilha, NEH, in incultis, 14.1.1957, fr., leg. O. Camargo 1091.
- 60397** RGS, Estação de Silvicultura p. Sta Maria, CL, in alte graminosis, 8.4.1956, fr., leg. O. Camargo 573.
- 60398** RGS, ibidem, 8.4.1956, fr., leg. O. Camargo 558.
- 60399** RGS, ibidem, 8.4.1956, fr., leg. O. Camargo 574.
- 61986** RGS, Farroupilha, NWH, in alte graminosis, 18.11.1957, fl., leg. O. Camargo 2560.
- 61987** RGS, Taquarí, NEL, in alte graminosis, 8.12.1957, fl., leg. O. Camargo 2766.

**Habit:** Thin, loose bunches, stalks 50-75 cm high.

**Habitat:** Dry to moderately wet places, often as a weed on disturbed soil.

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

**General distribution:** From Bahia to Uruguay and northeastern Argentina.

**Chloris dusenii** Ekman, Ark. f. Bot. 10, n.17 (1911) 26, tab. 4, fig. 2; tab. 6, fig. 13.

9747 RGS, Tupanciretan, NWH, in humidis graminosis, 29.1.1942, fl., det. Swallen.

36478 RGS, Cambará p. S. Francisco de Paula, NEH, in campestribus graminosis, 2.1948, fr., det. Swallen.

**Habit:** Thin bunches, stalks up to 1 m high.

**Habitat:** Dry to moderately wet Campos among high grasses.

**Distribution in RGS:** Highlands.

**General distribution:** Paraná, RGS.

*Chloris gayana* Kunth, Rev. Gram. 1 ( ) 89, 293, tab. 58.

41982 RGS, Morro Santana p. P. Alegre, NEL, in dumosis, 15.6.1949, fr., det. Swallen.

42119 RGS, Schwabenschneis p. Novo Hamburgo, NES, in dumosis secundariis, 23.6.1949, fr.

**Habit:** Loose, thin bunches, 30 cm high.

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

**Distribution in RGS:** Northeastern Lowlands.

**General distribution:** Paraná to Uruguay, apparently an escape.

*Chloris polydactyla* Swartz, Prodr. ( ) 26; Döll, FB 2,3 (1878) 67; Ekman, Ark. f. Bot. 11, n.4 (1912) 34; Herter, Flor. Urug. (1930) 38.

7446 RGS, S. Leopoldo, NEL, in campestribus alte dumosis, 1907, fr., leg. F. Theissen SJ, det. Swallen.

57127 RGS, Esteio p. S. Leopoldo, NEL, in alte graminosis, 14.11.1955, fl.

58928 RGS, Estação de Silvicultura p. Sta Maria, CL, in subhumidis alte graminosis, 28.2.1956, fr., leg. O. Camargo 24.

60400 RGS, ibidem, 8.4.1956, fr., leg. O. Camargo 585.

61988 RGS, Taquarí, NEL, in alte graminosis, 10.2.1957, fl., leg. O. Camargo 2837.

**Habit:** Thin bunches, up to 1 m high.

**Habitat:** Dry to somewhat wet Campos among high grasses.

**Distribution in RGS:** Apparently over the whole of the southern Campos.

**General distribution:** From the Antilles to Uruguay.

*Chloris pycnothrix* Trin., De gramin. unifl. et plurifl. ( ) 234, C. radiata Swartz, Flor. Ind. occ. 1 ( ) 201; Döll, FB 2,3 (1878) 63; Ekman, Ark. f. Bot. 11, n.4 (1912) 34; idem, Ark. f. Bot. 13, n.10 (1913) 46.

2519 RGS, sine loco, sine die, fr., leg. C. Orth, SJ, det. Parodi.

4884 RGS, Sta Clara p. Lageado, NEL, in incultis, 18.11.1940, fl.

6691 RGS, ibidem, 18.11.1940, fr.



32769 RGS, Parecí p. Montenegro, NEL, in campestribus siccis, 14.11.1945, fr.

33022 RGS, ibidem, 1.10.1945, fl., leg. A. Strieder SJ.

**Habit:** Low bunches, stalks up to 30 cm high.

**Habitat:** Dry, grassy places.

**Distribution in RGS:** Apparently over the whole area, not frequent.

**General distribution:** From the West Indies to RGS.

**Chloris uliginosa** Hach.,

Herter, Flor. Urug. (1930) 38.

2995 RGS, Quebradente p. S. Leopoldo, NEL, in agro, 12.8.1936, fr., leg. C. Orth SJ, det. Parodi, Swallen (Chase: *C. pycnothrix* Trin.).

28259 RGS, Nonoai, NWU, in campestribus siccis, 3.1945, fr.

30719 RGS, Vila Oliva p. Caxias, in campestribus alte graminosis, 28.1.1946, fr.

35151 RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus alte graminosis, 15.1.1947, fr., det. Parodi.

37874 RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis graminosis, 11.11.1948, fr., det. Swallen.

43296 RGS, Estação Azevedo p. Montenegro, NEL, 5.9.1949, fr.

44469 RGS, Granja Neugebauer p. Itapoan, NEL, in campestribus alte graminosis, 19.11.1949, fr.

56433 RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in campestribus graminosis, 2.1.1955, fr., det. Parodi.

57123 RGS, Esteio p. S. Leopoldo, NEL, in siccis alte graminosis, 14.11.1955, fr.

57024 RGS, ad montem Sapucaia p. S. Leopoldo, NEL, in alte graminosis, 26.10.1955, fr.

57357 RGS, Estação de Silvicultura p. Sta Maria, CL, in alte graminosis, 15.11.1955, fr., leg. O. Camargo 21.

60401 RGS, ibidem, 8.4.1956, fr., leg. O. Camargo 572.

60402 RGS, ibidem, 8.4.1956, leg. O. Camargo 571.

63387 RGS, Pelotas, SEC, in campestribus, 19.10.1954, fl., leg. H. Sacco, det. Parodi, Swallen.

**Habit:** Loose, thin bunches, up to 50 cm high, ears brown.

**Habitat:** Dry to moderately wet places.

**Distribution in RGS:** Over the whole of the Campos and cultivated area.

**General distribution:** From Paraná to RGS.

**CHUSQUEA** Kunth

**Chusquea meyeriana** Rupr., ex Döll, FB 2,3 (1880) 203; Ekman, Ark. f. Bot. 11, n.4 (1912) 68.

**53915** RGS, Serra do Fachinal p. S. Francisco de Paula, NEH, in silva nebulari, recinata, fl., det. Swallen.

**Habit:** Recumbent, up to 4 m high.

**Habitat:** At the edge of dense cloud woodlet.

**Distribution in RGS:** Northeasternmost Highlands.

**General distribution:** From Paraná to RGS.

**Chusquea ramosissima** Lindman, Kongl. Sv. Ak. Handl., 34, n.6 (1900) 24, tab. 14; Herter, Flor. Urug. (1930) 39; Parodi, Rev. Arg. Agron. 8 (1941) 338.

**6682** RGS, Sta Clara p. Lageado, CS, in silva pluviali, 18.11.1940, ster.

**7031** SC, Lages, in silva campestri, 1935, fr., leg. A. Bruxel.

**9587** RGS, Tupanciretan, NWH, in silva campestri, 28.1.1942, ster.

**10052** RGS, Ijuinho p. Tupanciretan, NWH, in silvula campestri, 30.1.1942, ster.

**42566** RGS, Parecí p. Montenegro, NEL, in silva pluviali, 1.7.1949, fl.

**42670** RGS, Portão p. S. Leopoldo, NEL, in silva paludosa, 20.7.1949, fr.

**42882** RGS, Schwabenschneis p. S. Leopoldo, NEL, in silva pluviali, 12.8.1949, fl., det. Swallen.

**42951** RGS, Parecí p. Montenegro, NEL, in silva pluviali, 17.8.1949, fr., det. Swallen.

**58615** RGS, Estação de Silvicultura p. Sta Maria, CL, in silva, 14.1.1956, ster., leg. O. Camargo 18.

**59829** RGS, Farroupilha, NEH, in silva, 12.4.1957, ster., leg. O. Camargo 1270.

**61544** RGS, ibidem, 22.11.1957, fl., leg. O. Camargo 2613.

**61821** RGS, ibidem, 1.11.1957, fl., leg. O. Camargo 2300.

**61976** RGS, ibidem, 18.11.1957, fl., leg. O. Camargo 2565.

**62638** RGS, ibidem, in silva pluviali, 10.11.1957, fl., leg. O. Camargo 2483.

**62640** RGS, ibidem, 10.11.1957, fl., leg. O. Camargo 2481.

**62676** RGS, ibidem, 5.11.1957, fl., leg. O. Camargo 2441.

**Habit:** Recumbent, up to 5 m high.

**Habit:** Rain forest.

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

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

**Chusquea tenella** Nees, Linnaea 9 (1834) 492; Döll, Fb 2,3 (1880) 200; Reitz, Sellowia 7 (1956) 99.

**871** RGS, Alto Feliz p. Caí, in silva pluviali, 5.3.1933, fl., det. Chase.

- 35528 RGS, Dois Irmãos p. S. Leopoldo, NES, in silva pluviali, 10.10.1946, fl.
- 37351 RGS, ad montem Sapucaia p. S. Leopoldo, NEL, in silva, 8.7.1948, fl.
- 41560 RGS, Vila Manresa p. P. Alegre, NEL, in silva ad rivum, 15.5.1949, fl., det. Swallen.
- 41726 RGS, Schwabenschneis p. Novo Hamburgo, NES, in silva pluviali, 25.5.1949, fl.
- 42109 RGS, ibidem, 23.6.1949, fl.
- 42386 RGS, ad montem Ferrabraz p. Novo Hamburgo, NES, in silva pluviali, 5.7.1949, fl.
- 42473 RGS, Parecí p. Montenegro, NES, in silva pluviali, 7.7.1949, fl., det. Swallen.
- 47076 RGS, Vila Manresa p. P. Alegre, NEL, in silva, 15.8.1950, fl.
- 50863 Paraná, Pinhal p. Piraquara, in silva pluviali, 3.7.1949, fl., leg. G. Hatschbach, det. Parodi.

**Habit:** Recumbent, up to 5 m high.

**Habitat:** Rain forest.

**Distribution in RGS:** Northern forested area.

**General distribution:** From Paraná to RGS.

## CORTADERIA Stapf

*Cortaderia rudiusscula* Stapf,  
Reitz, Sellowia 7 (1956) 99.

50724 SC, Campo dos Padres p. Bom Retiro, in rupestribus dumosis, 20.12.1948, fr., leg. R. Reitz 3756, det. Swallen.

**Habit:** In all parts very smaller than the following (if really different).

**Habitat:** Rocky, somewhat wet places.

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

**General distribution:** SC, RGS.

*Cortaderia selloana* (Schult.) Asch. et Graebn., Syn. Mittel. Flora 2 (1900) 325; Ekman, Ark. f. Bot. 13, n. 10 (1913) 47; Herter, Flor. Urug. (1930) 36; Reitz, Sellowia 7 (1956) 99. — *Arundo selloana* Schult., Mant. 3, Add. 1 (1827) 605. — *Gynerium argenteum* Nees, Agrost. Bras. (1829) 462; Döll, FB 2,3 (1878) 49. 14,15.

844 RGS, Osório, in dumosis secundariis, 4.2.1933, fr., leg. C. Orth SJ, det. Chase. (*C. argentea* Stapf).

7146 SC, Lages, in dumosis secundariis, 1935, leg. A. Bruxel SJ, det. Swallen (*C. argentea* Stapf).

- 29945** RGS, Kappesberg p. Montenegro, NES, in secundariis, 3.1945, fl., leg. E. Friderichs SJ.
- 31310** RGS, Vila Oliva p. Caxias, NEH, in secundariis, 24.2.1946, fr.
- 45479** RGS, Serra da Rocinha p. Bom Jesus, NEH, in silvula montana, 18.1.1950, fr.
- 45666** RGS, Sta Rita p. Farroupilha, NEH, in dumosis secundariis, 7.2.1950, fr.
- 53853** RGS, Serra da Rocinha p. B. Jesus, NEH, in rupestribus subhumidis, 3.2.1953, fr.
- 54923** RGS, Vila Oliva p. Caxias, NEH, in secundariis, 24.2.1954, fr., det. Swallen.
- 58845** RGS, Estação de Silvicultura p. Sta Maria, CL, in secundariis alte dumosis, 1.3.1956, fl., leg. O. Camargo 122.
- 59736** RGS, Farroupilha, NEH, in dumosis, 28.5.1957, fl., leg. O. Camargo 699.
- 59998** RGS, ibidem, 25.1.1956, fl., leg. O. Camargo 1134.
- 60919** RGS, ibidem, 5.6.1957, fl., leg. O. Camargo 1578.

**Habit:** Very large bunches, up to 1 m in diameter at the base, stalks 2 m and more high.

**Habitat:** Native in rocky, somewhat wet places, dominant in secondary growth.

**Distribution:** Common over the whole area, especially in the northern secondary forest zone.

**General distribution:** From Minas Gerais to Uruguay and Argentina.

### CYNODON Pers.

*Cynodon dactylon* (L.) Pers. Syn. Pl. 1 (1805) 85; Döll, FB 2,3 (1878) 77, tab. 21, fig. 3; Herter, Flor. Urug. (1930) 38; Cabrera, Fl. Alred. B. Aires (1953) 85; Reitz, Sellowia 7 (1956) 100. - *Panicum dactylon* L., Spec. Plant. (1753) 58.

**851** RGS, Vila Manresa p. P. Alegre, NEL, in tritis siccis, 5.10.1933, fr., leg. C. Orth SJ, det. Chase, Parodi.

**25583** RGS, Fazenda S. Gabriel, SW, in siccis tritis, 1.1944, fl., det. Swallen.

**29195** RGS, Vila Manresa p. P. Alegre, NEL, in siccis tritis, 12.9.1945, fr., det. Swallen.

**29522** RGS, Sapucaia p. S. Leopoldo, NEL, in siccis, 5.9.1945, fr., det. Beetle.

**38122** RGS, Morro da Polícia p. P. Alegre, NEL, in siccis tritis, 20.11.1948, fr.

**39462** RGS, Teresópolis p. P. Alegre, NEL, in tritis, 4.1.1949, fr.

**39483** RGS, Cristal p. P. Alegre, NEL, in arenosis, 5.1.1949, fl., det. Swallen.

**41228** RGS, ad fl. Caí inferius p. P. Alegre, NEL, in siccis graminosis, 27.4.1949, fl., det. Swallen.

**44340** RGS, ad fl. Gravataí inferius p. P. Alegre, NEL, in arenosis siccis, 11.11.1949, fl.

**53133** RGS, Cerro Largo p. S. Luiz, NWH, ad viam, 20.11.1952, fr.

**55365** SC, Barra do Sul p. Araquarí, in arenosis, 8.4.1953, fr., leg. R. Reitz, 7161, det. Swallen.

**55418** SC, Palhoça p. Florianópolis, ad litus in arenosis, 22.12.1952, fr., leg. R. Reitz 7077, det. Swallen.

**55993** RGS, Vila Manresa p. P. Alegre, NEL, in incultis, 19.11.1954, fr.

**57229** RGS, ibidem, in incultis, 10.10.1955, fr.

**61581** RGS, Taquarí, NEL, in graminosis, 8.12.1957, fl., leg. O. Camargo 2689.

**62576** RGS, Passo Fundo, CH, in tritis, 20.10.1957, fl., leg. O. Camargo 2220.

**Habit:** Widely spreading, prostate to ascending.

**Habitat:** Dry, trodden places.

**Distribution in RGS:** Apparently over the whole of the inhabited area.

**General distribution:** Cosmopolitan from tropical to temperate climates.

**DANTHONIA** Lam. et DC.

**Danthonia cirrhata** Hack.,  
Herter, Flor. Urug. (1930) 35.

**2712** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis, 19.11.1935, fl., det. Swallen (Chase, Parodi: *D. monata* Döll).

**29254** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis, 10.10.1945, fr., det. Swallen.

**29314** RGS, ibidem, 26.10.1945, fr., det. Swallen.

**29380** RGS, ibidem, 3.11.1945, fl., det. Swallen.

**30720** RGS, Vila Oliva p. Caxias, NEH, in siccis graminosis, 28.1.1946, fr., det. Swallen.

**36409** RGS, Cambará p. S. Francisco de Paula, NEH, in graminosis saxosis, 2.1948, fr., det. Swallen.

**37853** RGS, ibidem, 4.11.1948, fr., det. Swallen.

**43695** RGS, Morro de Sta Teresa p. P. Alegre, NEL, in campestribus siccis, 3.10.1949, fl.,

**44033** Morro do Osório p. P. Alegre, NEL, in campestribus siccis, 21.10.1949, fr.

**55964** RGS, Taimbesinho p. S. Francisco de Paula, NEH, in campestribus saxosis, 3.11.1954, fl.

**55988** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus dense graminosis, 19.11.1954, fl.

**56003** RGS, ibidem, 19.11.1954, fl.

**57205** RGS, ibidem, 22.10.1955, fl.

**57235** RGS, Esteio p. S. Leopoldo, NEL, in graminosis, 11.11.1955, fr.

**Habit:** Elegant bunches, 40 cm high.

**Habitat:** Dry, grassy or rocky Campos.

**Distribution in RGS:** Northeastern Lowlands and Highlands.

**General distribution:** RGS, Uruguay.

***Danthonia dusenii* Ekman,**

**54566** RGS, Taimbesinho p. S. Francisco de Paula, NEH, in rivo ad rupes humidias, 13.11.1953, fl., det. Swallen.

**Habit:** Elegant bunches, 60 cm high.

**Habitat:** At wet rocks in a stream.

**Distribution in RGS:** Northeastern Highlands only.

**General distribution:** From Paraná to RGS.

***Danthonia secundiflora* Presl, Rel. Haenck. 1 ( ) 255; Reitz, Sellowia 7 (1956) 100.**

**48303** SC, Campo dos Padres p. Bom Retiro, in campestribus uliginosis, 22.12.1948, fr., leg. R. Reitz 3418, det. Swallen.

**50851** Paraná, p. Piraquara, in campestribus uliginosis, 13.11.1949, fr., leg. G. Hatschbach 1619, det. Parodi.

**52606** RGS, Serra da Rocinha p. Bom Jesus, NEH, in campestribus uliginosis, 18.1.1950, fr.

**Habit:** Thin bunches, 50 cm high.

**Habitat:** Wet peaty Campos.

**Distribution in RGS:** Northeastern Highlands only.

**General distribution:** Peru; from Paraná to RGS.

***Danthonia tenuifolia* Döll, FB 2,3 (1878) 102, tab. 30, fig. 1.**

**2709** RGS, Portão, p. S. Leopoldo, NEL, in paludosis alte graminosis, 27.11.1935, fr., leg. C. Orth SJ, det. A. Chase.

**8746** RGS, Serra da Rocinha p. Bom Jesus, NEH, in turfosis humidis, 14.1.1942, fr., det. Parodi.

**54568** RGS, Taimbesinho p. S. Francisco de Paula, NEH, in rivulo ad rupes humidias, 13.11.1953, fl., det. Swallen.

**Habit:** Elegant bunches, somewhat wiry, 40 cm high.

**Habitat:** Wet, rocky or peaty places.

**Distribution in RGS:** Northeastern Highlands.

**General distribution:** From Minas Gerais to RGS.

**DESCHAMPSIA** Beauv.

*Deschampsia caespitosa* (L.) Beauv., Essay Agrost. (1812) 91, 149, 160, tab. 18, fig. 3; Parodi, Darw. 8 (1949) 435, fig. 5; Reitz, Sellowia 7 (1956) 100.

**2507** SC, S. Miguel p. Porto União, in humidis alte graminosis, 27.12.1936, fr., leg. C. Orth SJ, det. Chase.

**50821** SC, Campo dos Padres p. Bom Retiro, in paludosis alte graminosis, 16.12.1948, fr., leg. R. Reitz 2363, det. Swallen.

**54554** RGS, Taimbesinho p. S. Francisco de Paula, NEH, in rivulo ad rupes humidias, 13.11.1953, fl., det. Swallen.

**Habit:** Elegant bunches, 45 cm high.

**Habitat:** Wet Campos and rocky, more or less flooded places.

**Distribution in RGS:** Northeastern Highlands.

**General distribution:** Temperate regions of both Hemispheres; in Brazil from Paraná to RGS.

**DIGITARIA** Heister

*Digitaria aequiglumis* (Hack. et Ar.) Parodi, Herter, Flor. Ur. (1930) 28; – *Panicum aequiglume* Hack. et Arech., Gram. Urug. (1894) 93.

**40741** RGS, Cristal p. P. Alegre, NEL, in subpaludosis, 31.3.1949, fr., det. Swallen.

**Habit:** Prostrate to ascending, branches 40 cm long.

**Habitat:** Wet places.

**Distribution in RGS:** Only findplace.

**General distribution:** From Paraná to Uruguay.

*Digitaria horizontalis* Willd., Enum. 1 ( ) 92; Herter, Flor. Urug. (1930) 28. – *Panicum sanguinale* L, Spec. Plant. (1753) 57; Döll, FB2,2 (1877) 134.

**52273** Paraná, Matinhos p. Paranaguá, in arenosis, 1.1.1950, fr., leg. G. Hatschbach 1691, det. Parodi.

**55383** SC, Rodeio, in incultis, 11.6.1953, leg. R. Reitz 7138, det. Swallen.

**58673** RGS, Estação de Silvicultura p. Sta Maria, CL, in incultis, 10.1.1956, fl., leg. O. Camargo 47.

**Habit:** Prostrate to ascending, branches up to 50 cm long.

**Habitat:** Dry, disturbed soil (always?)

**Distribution in RGS:** Uncertain.

**General distribution:** From Paraná to Uruguay.

***Digitaria sacchariflora* (Raddi) Henr.,**

**46499** RGS, Lagoa da Pinguela p. Osório, NEC, in subpaludosis alte graminosis, 27.3.1950, fr., det. Parodi.

**Habit:** Slender, up to 1 m high.

**Habitat:** Wet to swampy, shrubby, places.

**Distribution in RGS:** So far, no other findplace.

**General distribution:**

***Digitaria sanguinalis* (L.) Scop.** Fl. Carn. 1 ( ) 52; Herter, Flor. Urug. (1930) 28; Ekman, Ark. f. Bot. 11, n.4 (1912) 17; idem, Ark. f. Bot. 13, n.10 (1913) 22; Reitz, Sellowia 7 (1956) 100. — *Panicum sanguinale* L., Spec. Plant. (1753) 57; Döll, FB 2,2 (1877) 131.

**737** RGS, Vila Manresa p. P. Alegre, NEL, in agro, 6.12.1932, fr., leg. C. Orth SJ, det. Chase.

**6995** SC, Lages, ad viam in incultis, 1935, leg. A. Bruxel SJ, det. Swallen.

**29614** RGS, Parecí p. Montenegro, NEL, in agro inculto, 3.10.1945, fr., leg. E. Henz SJ.

**29938** RGS, Kappesberg p. Montenegro, NES, in agro, 25.3.1945, fr., leg. E. Friderichs SJ.

**31435** SC, Sombrio p. Araranguá, in incultis, 31.1.1946, fr.

**32981** RGS, Vila Manresa p. P. Alegre, NEL, in agro, 12.12.1945, fr.

**37095** Chile, Cajón p. Cautín, in prato, 25.3.1946, fl., leg. et det. H. Gunkel 15873.

**39904** RGS, ad montem Ferrabraz p. Novo Hamburgo, NEL, in agro, 12.1.1949, fl.

**39086** RGS, Itapoan p. P. Alegre, NEL, in arenosis siccis, 22.12.1948, fl.

**40660** RGS, Vila Manresa p. P. Alegre, NEL, in agro, 26.3.1949, fr., det. Swallen.

**40979** RGS, ad fl. Gravataí inferius p. P. Alegre, NEL, in ruderalis, 10.4.1940, fr., det. Swallen.

**45908** RGS, Lagoa dos Quadros p. Torres, NEC, in arenosis dumosis, 21.2.1950, fr.

**51185** Paraná, Serra S. Luís p. Campo Largo, ad viam in tritis, 12.3.1950, fr., leg. G. Hatschbach 1905, det. Parodi.

**52291** ad montem Anhangava p. Piraquara, Paraná, in incultis, 8.4.1951, fr., leg. G. Hatschbach 2223, det. Parodi.

**55357** SC, Palhoça, p. litus in arenosis, 13.5.1953, fl., leg. R. Reitz 7169, det. Swallen.

**56477** RGS, Torres, NEC, in arenosis tritis, 19.1.1955, fl.

**59459** RGS, Farroupilha, NEH, in incultis, 25.11.1956, fl., leg. O. Camargo 1011.



**59826** RGS, ibidem, 25.3.1957, fl., leg. O. Camargo 1176.

**60378** RGS, Estação de Silvicultura p. Sta Maria, CL, in tritis arenosis, 8.4.1957, fr., leg. O. Camargo 614.

**60379** RGS, ibidem, 8.4.1956, fr., leg. O. Camargo 561.

**60380** RGS, ibidem, 8.4.1956, fr., leg. O. Camargo 606.

**63096** RGS, Pelotas, SEC, in incultis, 10.3.1956, fl., leg. Schlichting.

**64214** SC, S. Joaquim, in incultis, 10.1.1958, fl., leg. J. Mattos.

**Habit:** Widely spreading, rooting at the lower joints, prostrate-ascending.

**Habitat:** On disturbed soil.

**Distribution in RGS:** Molest weed throughout the whole of the cultivated area.

**General distribution:** Native to Europe; over the most of South America.

**Digitaria violascens** Linck, Hort. Berol. 1 ( ) 229; Döll, FB 2,2 (1877) 130; Reitz, Sellowia 7 (1956) 100.

**1023** RGS, S. Leopoldo, NEL, in humidis graminosis, 20.9.1934, fr., leg. C. Orth SJ, det. Chase.

**33437** RGS, ibidem, 10.8.1946, fr., leg. E. Henz SJ.

**33497** RGS, ibidem, 17.7.1946, fr., leg. E. Henz SJ.

**38525** RGS, ibidem, 4.14.1948, fr.

**38678** RGS, Rio dos Sinos p. S. Leopoldo, NEL, in humidis graminosis, 10.12.1948, fr.

**39755** RGS, Parecí p. Montenegro, NEL, in humidis graminosis, 14.1.1949, fr., det. Swallen.

**40930** RGS, ad montem das Cabras p. S. Leopoldo, NEL, in humidis alte graminosis, 8.4.1949, fr., det. Swallen.

**41020** RGS, ad fl. Gravataí inferius p. P. Alegre, NEL, in humidis subnudis, 10.4.1949, fr., det. Swallen.

**41365** RGS, Morretes p. P. Alegre, NEL, in humidis graminosis, 2.5.1949, fr., det. Swallen.

**41480** RGS, Estação Azevedo p. Montenegro, NEL, ad viam ferream in humidis, 6.5.1949, fr., det. Swallen.

**42392** RGS, ad montem Ferrabraz p. N. Hamburgo, NEL, in humidis graminosis, 5.7.1949, fr.

**42480** RGS, Parecí p. Montenegro, NEL, ad viam ferream in humidis, 7.7.1949, fr., det. Swallen.

**42850** RGS, Morretes p. P. Alegre, NEL, in humidis, 10.8.1949, fr., det. Swallen.

**45909** RGS, Lagoa dos Quadros p. Torres, NEC, in humidis graminosis, 21.2.1950, fr.

**52752** RGS, Montenegro, NEL, in incultis, 3.7.1952, fr., leg. et det. Beetle.

64223 SC, S. Joaquim, in incultis, 10.1.1958, fl., leg. J. Mattos.

**Habit:** Erect, 50 cm high.

**Habitat:** Wet to swampy places.

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

**General distribution:** Widely distributed through South America.

#### ECHINOCHLOA Beauv.

*Echinochloa colonum* (L.) Linck, Hort. Berol. 2 (1833) 209; Herter, Flor. Urug. (1930) 28 – *Panicum colonum* L., Syst. Nat. ed. 10, 2 (1759) 870; Döll, FB 2,2 (1877) 140. Cabrera, Fl. Alred. B. Aires (1953) 94, fig. 27.

41019 RGS, ad fl. Gravataí inferius p. P. Alegre, in humidis graminois, 10.4.1949, fr., det. Swallen.

**Habit:** Erect, 50 cm high.

**Habitat:** Wet, disturbed soil.

**Distribution in RGS:** So far, no other findplace.

**General distribution:** Cosmopolitan weed.

*Echinochloa crus-galli* (L.) Beauv., Ess. Agrost. (1812) 161; – *Panicum crusgalli* L., Spec. Plant. (1753) 56; Döll, FB 2,2 (1877) 140.

38295 RGS, Esteio p. S. Leopoldo, NEL, in agro humido, 24.11.1948, fl.

40624 RGS, Esteio p. S. Leopoldo, NEL, in agro humido, 23.3.1949, fr.

40744 RGS, Cristal p. P. Alegre, NEL, in subhumidis dumosis, 31.3.1949, fr.

41143 RGS, Ilha da Pintada p. P. Alegre, NEL, in subpaludosis, 20.4.1949, fr.

58993 RGS, Estação de Silvicultura p. Sta Maria, CL, in incultis humidis, 5.1.1956, fr. leg. O. Camargo 145.

59825 RGS, Farroupilha, NEH, in incultis humidis, 25.3.1957, fl., leg. O. Camargo 1202.

63083 RGS, Pelotas, SEC, in incultis, 11.3.1956, fl., leg. Schlichting.

63348 RGS, ibidem, 5.4.1955, fr., leg. J. Sacco, det. Parodi.

**Habit:** Erect, up to 1 m high.

**Habitat:** Wet to swampy soil (rice fields).

**Distribution in RGS:** Widely distributed weed.

**General distribution:** Native to Europe; adventitious in America.

*Echinochloa crus-pavonis* (H.B.K.) Schultes, Mant. 2 (1824) 269; Cabrera, Fl. Alred. B. Aires (1953) 96. – *Oplismenus Cruspavonis* H.B.K.,

Nov. Gen. et Spec. Plant. 1 (1815) 88. — *Panicum crusgalli* L., var. *echinatum* (Willd.) Döll, FB 2,2 (1877) 143.

**1011** RGS, S. Leopoldo, NEL, in incultis humidis, 5.10.1934, fl., leg. C. Orth SJ, det. Chase.

**3084** RGS, Granja Boa Vista p. P. Alegre, NEL, in plantatione *Oryzae*, 27.2.1938, fr., leg. C. Orth SJ, det. Parodi.

**6431** SC, S. Ludgero p. Tubarão, in incultis humidis, 4.1.1941, fr., leg. C. Orth SJ, det. Swallen.

**9847** RGS, Tupanciretan, NWH, in humidis dumosis, 29.1.1942, fl.

**9886** RGS, ibidem, 29.1.1942, fr.

**28398** RGS, Nonoai, NWU, in humidis alte graminosis, 3.1945, fr.

**28892** SC, Tindade p. Florianópolis, in paludosis, 17.3.1945, fr., leg. A. Rohr SJ.

**32778** RGS, Parecí p. Montenegro, NEL, in agro humido, 25.11.1945, fr., leg. E. Henz SJ.

**33038** RGS, ibidem, in agro, 15.1.1946, fr., leg. A. Strider SJ.

**40676** RGS, Vila Manresa p. P. Alegre, NEL, in dumosis ad rivum, 26.3.1949, fr., det. Swallen.

**40745** RGS, Cristal p. P. Alegre, NEL, in humidis subdumosis, 31.3.1949, fr.

**40965** RGS, ad fl. Gravataí p. P. Alegre, NEL, in humidis dumosis, 10.4.1949, fr., det. Swallen.

**41211** RGS, Morro Santana p. P. Alegre, NEL, in dumosis ad rivum, 4.1949, fr., leg. G. Leal.

**41456** RGS, Estação Azevedo p. Montenegro, NEL, in humidis dumosis, 6.5.1949, fr., det. Swallen.

**45862** RGS, Lagoa dos Quadros p. Torres, NEC, ad lacum in paludosis, 21.2.1950, fr.

**47023** RGS, Lagoa da Pinguela p. Osório, NEC, in humidis dumosis, 8.5.1950, fr.

**49720** RGS, Lagoa dos Quadros p. Torres, NEC, in paludosis dumosis, 18.1.1951, fr.

**49918** SC, Itapiranga ad fl. Uruguay superius, ad flumen, in alte dumosis, 6.2.1951, fr.

**50252** RGS, Vila Manresa p. P. Alegre, NEL, in agro humido, 26.3.1951, fr.

**Habit:** Erect, up to 1 m high.

**Habitat:** Wet, disturbed soil.

**Distribution in RGS:** Common weed in rice fields.

**General distribution:** Native to tropical America, widely scattered over all tropical and subtropical regions.

**Echinochloa spectabilis** (Nees) Linck,

Herter, Flor. Urug. (1930) 28. — *Panicum spectabile* Nees, Agrost. Bras. (1829) 262; Döll, FB 2,2 (1877) 262, tab. 22.

**31457** SC, Sombrio p. Araranguá, in paludosis alte dumosis, 1.2.1946, fr., det. Swallen.

**41000** RGS, ad fl. Gravataí inferius p. P. Alegre, NEL, in paludosis alte dumosis, 10.4.1949, fl., det. Swallen.

**Habit:** Very vigorous, several meter high.

**Habitat:** Dense, swampy thickets.

**Distribution in RGS:** Northeastern Lowlands to sea coast.

**General distribution:** From the West Indies to RGS.

**ELEUSINE** Gaertn.

**Eleusine indica** (L.) Gaertn., Fruct. et Sem. 1 (1788) 8; Döll, FB 2,3 (1878) 86, tab. 24; Ekman, Ark. f. Bot. 11,4(1912) 39; idem, Ark. f. Bot. 13, n.10 (1913) 47; Herter, Flor. Urug. (1930) 38; Reitz, Sellowia 7 (1956) 100. — *Cynosurus indicus* L., Spec. Plant. ed. 2 (1762) 106.

**7456** RGS, S. Leopoldo, NEL, in incultis graminosis, 1907, fr., leg. F. Theissen SJ. det. Swallen.

**28476** Uruguay, Tacuarembó, ad silvulam in umbrosis, 12.3.1945, fr., leg. et det. B. Rosengurtt B-4761.

**32657** RGS, Parecí p. Montenegro, NEL, in agro inculto, 31.10.1945, fr., leg. E. Henz SJ.

**33024** RGS, ibidem, 20.11.1945, fr., leg. C. Ritter SJ.

**35998** RGS, P. Alegre, NEL, in incultis, 1946, fr., leg. P. Capparelli, det. Swallen.

**36984** RGS, S. Leopoldo, NEL, in incultis, 10.3.1947, fr., leg. E. Henz SJ.

**40128** RGS, Guaíba p. P. Alegre, NEL, in arenosis humidis, 24.1.1949, fr.

**40623** RGS, Esteio p. S. Leopoldo, NEL, in silvula aperta, 23.3.1949, fr., det. Swallen.

**40713** RGS, Cristal p. P. Alegre, NEL, in arenosis humidis, 31.3.1949, fl., det. Swallen.

**55352** SC, Rio Tavares in insula Florianópolis, in arenosis, 13.5.1953, fr., leg. R. Reitz 7176, det. Swallen.

**57484** RGS, Estação de silvicultura p. Sta Maria, CL, in incultis, 23.11.1955, fl., leg. O. Camargo 47.

**58042** SC, Caixa d'Águap. Itajaí, in incultis, 18.3.1954, fl., leg. R. Reitz 8306, det. Swallen.

**60377** RGS, Estação de Silvicultura p. Sta Maria, CL, in incultis, 8.4.1956, fr., leg. O. Camargo 605.

**Habit:** Moderate bunches, prostrate to erect.

**Habitat:** Dry to moderately wet, disturbed soil.

**Distribution in RGS:** Common weed over the whole of the cultivated area.

**General distribution:** Native to Asia; adventitious in all warm regions.

*Eleusine tristachya* (Lam.) Kunth, *Illustr. Gen.* 1 (1791) 203; Ekman, *Ark. f. Bot.* 11, n.4 (1912) 39; Herter, *Flor. Urug.* (1930) 38; Cabrera, *Fl. Alred. B. Aires* (1953) 87; Reitz, *Sellowia* 7 (1956) 100.

**736** RGS, Canoas p. P. Alegre, NEL, in incultis graminosis, 6.11.1931, fr., leg. C. Orth SJ, det. Parodi, Swallen.

**2910** RGS, S. Borja, SW, in incultis subhumidis, 1943, fr., leg. Fr. Bagione.

**3875** RGS, Morro Vigia p. Livramento, SW, in campestribus tritis, 12.1.1941, fr.

**7440** RGS, S. Leopoldo, NEL, in arenosis siccis, 1907, fr., leg. F. Theissen SJ.

**10844** RGS, Sta Maria, CL, in incultis, 1943, fl., leg. A. Heidler SJ.

**25572** RGS, Fazenda Sta Cecília p. S. Gabriel, SW, in campestribus graminosis, 1.1944, fr., det. Swallen.

**25580** RGS, ibidem, 1.1944, fr.

**29247** RGS, Vila Manresa p. P. Alegre, NEL, in agro, 10.10.1945, fr.

**32526** RGS, Parecí p. Montenegro, NEL, in agro, 24.10.1945, fr., leg. E. Henz SJ.

**35169** RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus graminosis, 15.1.1947, fr.

**37074** Chile, Temuco p. Cautín, in arenosis, 14.2.1941, fr., leg. H. Gunkel, det. Parodi.

**38314** RGS, Esteio p. S. Leopoldo, NEL, in graminosis, 24.11.1948, fr.

**38768** RGS, Conceição p. Caí, NEL, in arenosis graminosis, 14.12.1948, fr.

**40681** RGS, Vila Manresa p. P. Alegre, NEL, in agro, 23.3.1949, fr.

**55382** SC, Ascurra p. Rodeio, ad viam, 11.6.1953, fr., leg. R. Reitz 7139, det. Swallen.

**60015** RGS, Farrroupilha, NEH, in incultis, 25.3.1957, fr., leg. O. Camargo 1318.

**60009** RGS, ibidem, 15.2.1957, fr., leg. O. Camargo 1150.

**61781** RGS, Taquarí, NEL, in incultis, 10.12.1957, fl., leg. O. Camargo 2856.

**62852** RGS, ibidem, 10.12.1957, fl., leg. O. Camargo 3066.

**Habit:** Loose bunches, more or less erect.

**Habitat:** Dry to moderately wet, disturbed soil.

**Distribution in RGS:** Common weed over the whole of the area.

**General distribution:** Native to Africa, common in warm America.

## ELIONORUS H.B.

**Elionorus adustus** (Trin.) Ekman, Ark. f. Bot. 13, n.10 (1913) 6. – *E. latiflorus* Nees var. *adustus* (Trin.) Hack.: FB 2,3 (1883) 307. – *Andropogon adustus* Trin., Mém. Ac. Pétersb. ser. 6,2 ( ) 259.

50867 Paraná, Piraquara, in campestribus siccis, 30.10.1949, fr., leg. G. Hatschbach 1549, det. Parodi.

**Habit:** Up to 75 cm high.

**Habitat:** Dry, grassy Campos.

**Distribution in RGS:** Probable on the Highlands.

**General distribution:** Minas Gerais, Paraná.

**Elionorus candidus** (Trin.) Hack., FB 2,3 (1883) 306; Herter, Flor. Urug. (1930) 27. – *Andropogon candidus* Trin., Mém. Ac. Pétersb. ser. 6,2 (1849) 260.

854 RGS, S. Leopoldo, NEL, in siccis alte graminosis, 5.6.1933, fr., leg. C. Orth SJ, det. Chase, Parodi.

29212 RGS, Vila Manresa p. P. Alegre, NEL, in siccis alte graminosis, 3.10.1945, fr.

31923 SC, Sombrio p. Araranguá, in arenosis siccis alte graminosis, 9.10.1945, fr., leg. R. Reitz 1305.

32760 RGS, Parecí p. Montenegro, NEL, in campestribus siccis alte graminosis, 17.10.1945, fr., leg. E. Henz SJ.

37418 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis alte graminosis, 5.7.1948, fr.

38102 RGS, ibidem, 17.11.1948, fr.

43569 RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis dumosis, 28.19.1949, fr.

54553 RGS, Taimbesinho p. S. Francisco de Paula, NEH, in humidis alte graminosis, 13 11.1953, fr., det. Swallen.

57217 RGS, Vila Manresa p. P. Alegre, in alte graminosis, 22.10.1955, fl.

**Habit:** Bunches up to 75 cm high, rigid, ears blueish.

**Habitat:** Dry, grassy, Campos.

**Distribution in RGS:** Northeastern Lowlands, sea coast and Highlands.

**General distribution:** South Brazil to Uruguay.

**Elionorus rostratus** Nees, *Agrost. Bras.* (1829) 357; Hackel, *FB* 2,3 (1883) 308, tab. 70; Ekman, *Ark. f. Bot.* 11,n.4 (1912) 5; Herter, *Flor. Urug.* (1930) 27.

**880** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis alte graminosis, 5.10.1933, fr., leg. C. Orth SJ, det. Parodi.

**2726** RGS, ibidem, leg. C. Orth, SJ, det. Parodi, 2.10.1935, fr.

**29252** RGS, ibidem, 10.10.1945, fr.

**55889** RGS, Fazenda do Arroio p. Osório, NEC, in alte graminosis, 3.10.1954, fl., det. Parodi (Swallen: *E. bisetosus* Hack. et Lindm.).

**63364** RGS, Pelotas, SEC, in campestribus siccis graminosis, 14.10.1954, leg. J. Sacco 197, det. Parodi, Swallen.

**Habit:** Loose dense bunches, 30 cm high.

**Habitat:** Dry Campos among shrubs and other grasses.

**Distribution in RGS:** Northeastern Lowlands and sea coast.

**General distribution:** Misiones, RGS, Uruguay.

## **ERAGROSTIS** Beauv.

**Eragrostis airoides** Nees, *Agrost. Bras.* (1829) 509; Döll, *FB* 2,3 (1878) 137; Ekman, *Ark. f. Bot.* 11,n.4 (1912) 40; idem, *Ark. f. Bot.* 13, n. 10 (1913) 47; Cabrera, *Fl. Alred. B. Aires* (1953) 60.

**4645** RGS, Estreito p. Marcelino Ramos, NWU, in rupestribus dumosis, 16.2.1941, fr., det. Parodi.

**30724** RGS, Vila Oliva p. Caxias, NEH, in campestribus siccis, 28.1.1946, fr.

**32218** RGS, Azulega p. S. Francisco de Paula, NEH, in campestribus siccis, 15.2.1946, fr., det. Parodi.

**32967** RGS, Parecí p. Montenegro, NEL, in dumosis secundariis, 15.1.1946, fr., leg. A. Strieder SJ.

**35170** RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus siccis, 15.1.1947, fr.

**40001** RGS, Linha Bonita p. Montenegro, NES, ad viam ferream in secundariis 19.1.1949, fr., det. Swallen.

**40215** RGS, Farroupilha, NEH, in secundariis, 27.1.1949, fr., det. Swallen.

**45383** RGS, Serra da Rocinha p. Bom Jesus, NEH, in campestribus subhumidis, 18.1.1950, fr.

**45410** RGS, ibidem, 18.1.1950, fr.

**45727** RGS, Sta Rita p. Farroupilha, NEH, in incultis, 7.2.1950, fl., det. Swallen.

**45851** RGS, Lagoa dos Quadros p. Torres, NEC, in arenosis alte graminosis, 21.2.1950, fr.

**54965** RGS, Vila Oliva p. Caxias, NEH, in humidis alte graminosis, 24.2.1954, fr., det. Swallen.

**62065** RGS, Bento Gonçalves, NEH, in ruderatis, 6.10.1957, fl., leg. O. Camargo 1960.

**62768** RGS, Farrroupilha, NEH, in secundariis, 10.11.1957, fl., leg. O. Camargo 2496.

**Habit:** Stout bunches, up to 50 cm high.

**Habitat:** Dry Campos, apparently over the whole of the Campos area.

**Distribution in RGS:**

**General distribution:** From southern Brazil and Misiones to Uruguay and B. Aires.

**Eragrostis articulata** Nees, Agrost. Bras. (1829) 502; Döll, FB 2,3 (1878) 141; Herter, Flor. Urug. (1930) 36.

**6985** SC, Lages, in campestribus, 1935, fr., leg. A. Bruxel SJ, det. Swallen.

**36436** RGS, Cambará p. S. Francisco de Paula, NEH, in campestribus graminosis, 2.1948, fr., det. Swallen.

**Habit:** Dense bunches, up to 40 cm high.

**Habitat:** Dry Campos.

**Distribution in RGS:** Northeastern Highlands.

**General distribution:** From Bahia to Uruguay.

**Eragrostis bahiensis**(Schrad.)Schult., Mant. 2 (1824) 318, Döll, FB 2,3 (1878) 150, Ekman, Ark. f. Bot. 11,n.4 (1912) 44; idem, Ark. f. Bot. 13, n.10 (1913) 52; Malme, Sv. Bot. Tidskr. 30 (1936) 11; Herter, Flor. Urug. (1930) 36; Cabrera, Fl. Alred. B. Aires (1953) 60; Reitz, Sellowia 7 (1956) 100.

**1061** RGS, S. Leopoldo, NEL, in campestribus arenosis, 10.10.1934, leg. C. Orth SJ, det. Chase.

**3068** RGS, Itapuan p. P. Alegre, NEL, in arenosis siccis, 28.1.1938, fr., leg. C. Orth SJ, det. Swallen. (10)

**7038** SC, Florianópolis, in arenosis, 1935, fr., leg. A. Bruxel SJ, det. Swallen. (10).

**7040** SC, ibidem, 1935, fr., leg. A. Bruxel SJ, det. Swallen. (10)

**31398** SC, Sombrio p. Araranguá, in arenosis siccis, 31.1.1946, fr., det. Swallen. (10)

**31685** SC, ibidem, 6.2.1946, fr., det. Swallen.

**31757** SC, ibidem, 7.2.1946, fr., det. Swallen.



- 38006 RGS, Barra do Ribeiro p. P. Alegre, NEL, in arenosis submobilibus, 14.11.1948, fr., det. Swallen.
- 38766 RGS, Conceição p. Caí, NEL, in arenosis siccis, 14.12.1948, fr., det. Beetle.
- 39113 RGS, Itapoan p. P. Alegre, NEL, in arenosis siccis, 22.12.1948, fr., det. Swallen.
- 39338 RGS, Belém Novo p. P. Alegre, NEL, in arenosis siccis, 31.12.1948, fr.
- 39450 RGS, Teresópolis p. P. Alegre, NEL, in arenosis siccis, 4.1.1949, fr., det. Swallen.
- 44561 RGS, Osório, NEC, ad lacum in arenosis subhumidis, 24.11.1949, fr. (10)
- 45225 RGS, Fazenda do Arroio p. Osório, NEC, in arenosis submobilibus, 4.1.1950, fr. (10)
- 45880 RGS, Lagoa dos Quadros p. Torres, NEC, ad lacum in arenosis siccis 21.2.1950, fr.
- 51729 Palmares p. Lagoa dos Patos, NEC, in arenosis, 8.1.1952, fr.
- 52744 RGS, Torres, NEC, in arenosis, 6.8.1952, fr., leg. et det. Beetle, (10)
- 54347 SC, Laguna, in arenosis, 22.12.1951, fr., leg. R. Reitz 5045, det. Swallen. (10)
- 54348 SC, Ibidem, 29.2.1952, fr., leg. R. Reitz 4056, det. Swallen. (10)
- 54772 RGS, Torres, NEC, prope litus in arenosis, 11.2.1954, fr. (10)
- 55355 SC, Palhoça, prope litus in arenosis, 13.5.1953, leg. R. Reitz 7172, det. Swallen.
- 55367 SC, Barra do Sul p. Araquarí, in arenosis, 8.4.1953, fr., leg. R. Reitz 7159, det. Swallen. (10)
- 55376 SC, Massiambú p. Palhoça, in arenosis, 19.12.1952, fr., leg. R. Reitz 7150, det. Swallen. (10)
- 55402 SC, Praia Braba p. Itajaí, in arenosis, 5.3.1953, fr., leg. R. Reitz 7108, det. Swallen. (10)
- 55408 SC, Massiambú p. Palhoça, in arenosis, 5.2.1953, fr., leg. R. Reitz 7091, det. Swallen.
- 55426 SC, ibidem, 12.3.1953, fr., leg. R. Reitz 7065, det. Swallen.
- 56453 RGS, Cidreira, NEC, in arenosis, 17.12.1958, fr. (10)
- 56469 RGS, Torres, NEC, p. litus in arenosis, 19.1.1955, fr. (10)
- 56848 SC, Arroio do Silva p. Araranguá, in arenosis submobilibus, 19.2.1955, fr. (10)
- 59824 RGS, Farroupilha, NEH, in incultis siccis, 18.3.1957, fr., leg. O. Camargo 1162. (10)

**Habit:** Thin, somewhat wiry bunches, 40 cm high.

**Habitat:** Preferably sandy, dry places.

**Distribution in RGS:** With few exceptions near the sea coast.

**General distribution:** From Rio de Janeiro to Uruguay and B. Aires.

**Eragrostis brasiliensis** Hack.,

**1089** RGS, S. Leopoldo, NEL, in arenosis incultis, 10.8.1934, fr., leg. C. Orth SJ, det. Chase.

**9871** RGS, Tupanciretan, NWH, in campestribus siccis, 29.1.1942, fr., det. Swallen.

**59732** RGS, Farroupilha, NEH, in siccis graminosis, 28.5.1956, fr., leg. O. Camargo 733. (11)

**Habit:** Thick bunches, up to 60 cm high.

**Habitat:** Dry Campos.

**Distribution in RGS:** Apparently widely scattered.

**General distribution:** RGS.

**Eragrostis cilianensis** (All.) Linck, Malphigia 18 (1904) 386; Herter, Flor. Urug. (1930) 36; Cabrera, Fl. Alred. B. Aires (1953) 61. — *Poa cilianensis* All., Flor. Pedem. 2 (1785) 246.

**60709** RGS, Pelotas, SEC, in incultis, 10.3.1956, fr., leg. Schlichting.

**Habit:** Erect, midle-sized bunches.

**Habitat:** Disturbed soil.

**Distribution in RGS:** Apparently extremely rare.

**General distribution:** Native to Europe; RGS, Uruguay, B. Aires.

**Eragrostis ciliaris** (L.) Linck, Hort. Berol. ( ) 192; Dil, FB 2,3 (1878) 155; Ekman, Ark. f. Bot. 13, n.10 (1913) 52; Herter, flor. Urug. (1930) 36; Reitz, Sellowia 7 (1956) 101.

**6429** RGS, sine loco, sine die, fr., det. Swallen.

**31340** RGS, sine loco, sine die, fr., det. Swallen.

**45938** RGS, Lagoa dos Quadros p. Torres, NEC, in arenosis siccis, fr.

**52274** Paraná, Paranaguá, in arenosis, 1.1.1950, fr., leg. G.Hatschbach 1692, det. Parodi.

**58050** SC, Praia Braba p. Itajaí, in arenosis, 1.10.1953, fr., leg. R. Reitz 8326, det. Swallen.

**Habit:** Dense bunches, up to 40 cm high.

**Habitat:** Dry, sandy places.

**Distribution in RGS:** Northeastern sea coast.

**General distribution:** From Mexico to Uruguay.

**Eragrostis expansa** Linck, Hort. Berol. 1 ( ) 190; Döll, FB 2,3 (1878) 147; Herter, Flor. Urug. (1878) 36; Reitz, Sellowia 7 (1956) 101.

**9848** Tupanciretan, NEH, in campestribus alte graminosis, 29.1.1942, fr., det. Swallen.

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(11) = *Eragrostis af. lugens* Nees, det. Sonja C. Boechat, 09.1978.

- 25568 RGS, Fazenda Sta Cecília p. S. Gabriel, SW, in campestribus siccis alte graminosis, 1.1944, fr., det. Swallen.
- 25697 RGS, ibidem, 1.1944, fr., det. Swallen.
- 32991 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis, 12.12.1945, fr., det. Beetle.
- 35168 RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus dense graminosis, 15.1.1947, fr., det. Beetle.
- 39332 RGS, Belém Novo p. P. Alegre, NEL, in campestribus arenosis, 31.12.1948, fr., det. Swallen.
- 39906 RGS, ad montem Ferrabraz p. Novo Hamburgo, NEL, in campestribus arenosis, 12.1.1949, fr.
- 40987 RGS, ad fl. Gravataí p. P. Alegre, NWH, in campestribus siccis, 10.4.1949, fr., det. Swallen.
- 41075 RGS, ibidem, 18.4.1949, fr., det. Swallen.
- 41091 RGS, ibidem, 18.4.1949, fr., det. Swallen.
- 41487 RGS, Estação Azevedo p. Montenegro, NEL, in campestribus alte graminosis, 6.5.1949, fr., det. Swallen.
- 44064 RGS, Barreto Vianna p. S. Leopoldo, NEL, in campestribus alte graminosis, 24.10.1949, fr., det. Swallen.
- 46782 RGS, Fazenda do Arroio p. Osório, NEC, in arenosis subsiccis, 14.4.1950, fr.
- 55391 SC, Anitápolis p. Palhoça, in dumosis, 4.4.1953, fr., leg. R. Reitz 7123, det. Swallen.
- 59012 RGS, Sta Maria, CL, in campestribus siccis, 2.1.1956, fr., leg. O. Camargo 126.
- 59024 RGS, ibidem, 12.2.1956, fr., leg. O. Camargo 167.
- 59314 RGS, ibidem, 10.3.1956, fr., leg. O. Camargo 21.
- 60396 RGS, ibidem, 8.4.1957, fr., leg. O. Camargo 616.
- Habit:** Thin, somewhat stiff, bunches, stalks up to 60 cm high.
- Habitat:** Dry Campos.
- Distribution in RGS:** Over the whole of the Campos area.
- General distribution:** Fom Paraná to Uruguay.

***Eragrostis flaccida* Lindman,**  
Herter, Flor. Urug. Addit.

- 4135 RGS, Rio Garopá p. Quarai, in campestribus siccis, 14.1.1941, fr., det. Swallen.
- 28427 RGS, Nonoai, NWU, in campestribus siccis, 3.1945, fr.
- 29190 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis, 12.9.1945, fr., det. Swallen.
- 32753 RGS, Parecí p. Montenegro, NEL, in agro derelicto, 31.10.1945, fr.
- 38535 RGS, S. Leopoldo, NEL, in arenosis siccis, 4.12.1948, fr., det. Swallen.

**40849** RGS, Granja Neugebauer p. Itapoan, NEL, in campestribus siccis, 3.4.1949, fr.

**52753** RGS, Caxias, NEH, ad viam, 8.7.1952, fr., leg. et det. Beetle 1523.

**Habit:** Dense bunches, up to 40 cm high.

**Habitat:** Dry Campos.

**Distribution in RGS:** Widely scattered, apparently over the whole of the Campos area.

**General distribution:** RGS and Uruguay.

*Eragrostis hypnoides* (Lam.) B.S.P., Prelim. Cat. N. Y. (1888) 69; Ekman, Ark. f. Bot. 11, n.4 (1912) 44; Herter, Flor. Urug. Addit.; Reitz, Sellowia 7 (1956) 101. — *E. reptans* Nees, Agrost. Bras. (1829) 514; Döll, FB 2,3 (1878) 148.

**1907** RGS, Rio dos Sinos p. S. Leopoldo, NEL, in arenosis humidis repens, 13.3.1935, fr., leg. C. Orth SJ, det. Chase.

**7441** RGS, ibidem, 1907, fr., leg. F. Theissen SJ.

**26128** RGS, Fazenda do Jarau p. Quaraí, SW, in humidis repens, 1.1945, fl., det. Swallen.

**40081** RGS, Vila Manresa p. P. Alegre, NEL, in humidis repens, 22.1.1949, fr., det. Swallen.

**40994** RGS, ad fl. Gravataí inferius p. P. Alegre, NEL, in humidis repens, 10.4.1949, fr., det. Swallen.

**41156** RGS, Ilha da Pintada p. P. Alegre, NEL, in humidis repens, 20.4.1949, fr., det. Swallen.

**45737** RGS, Sta Rita p. Farrroupilha, NEH, in humidis ad lacum, 7.2.1950, fr.

**49729** RGS, Lagoa dos Quadros p. Torres, NEC, in arenosis ad lacum, 18.1.1951, fr.

**Habit:** Prostrate, rooting at the lower joints.

**Habitat:** Wet, sandy places.

**Distribution in RGS:** Over the whole of the Campos area, nowhere common.

**General distribution:** From Texas and Central America to Uruguay and B. Aires.

*Eragrostis lugens* Nees, Agrost. Bras. (1829) 505; Döll, FB 2,3 (1878) 140; Ekman, Ark. f. Bot. 11 (1912) 43; Herter, Flor. Urug. (1930) 36; Cabrera, Fl. Alred. B. Aires (1953) 61.

**735** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis, 5.10.1932, fr., leg. C. Orth SJ, det. Parodi.

**1069** RGS, ibidem, 5.11.1932, fr., leg. C. Orth SJ, det. Parodi.

**30228** Uruguay, Juan Jackson p. Soriano, in campestribus siccis, 4.1942, fr., leg. et det. B. Rosengurtt, PE-1226.

**52750** RGS, Dois Irmãos p. S. Leopoldo, NES, ad viam, 8.7.1952, fr., leg. et det. Beetle 1529.

**57226** RGS, Vila Manresa p. P. Alegre, NEL, in dense graminosis, 15.10.1955, fl.

**60395** RGS, Estação de Silvicultura p. Sta. Maria, CL, in campestribus siccis, 8.4.1946, fr., leg. O. Camargo 579.

**60394** RGS, Estação de Silvicultura p. Sta. Maria, CL, in campestribus siccis, 8.4.1957, fr., leg. O. Camargo.

**61999** RGS, Taquarí, NEL, in alte graminosis, 8.12.1957, fl., leg. O. Camargo 2729.

**Habit.** Dense bunches, up to 40 cm high.

**Habitat:** Dry Campos.

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

**General distribution:** From Minas Gerais to Paraguay and Uruguay.

*Eragrostis megapotamica* (Spreng.) R. et Sc.,

**6999** SC, Lages, in campestribus alte graminosis, 1935, leg. A. Bruxel SJ, det. Swallen.

**41485** RGS, Estação Azevedo p. Montenegro, NEL, in arenosis alte dumosis 6.5.1949, fr.

**59167** RGS, in summo monte Sapucaia p. S. Leopoldo, NEL, in rupestribus parce humosis, 3.2.1956, fr.

**Habit:** Dense bunches, somewhat wiry, up to 50 cm high.

**Habitat:** Dry Campos and rocky places.

**Distribution in RGS:** Northeastern Lowlands.

**General distribution:** SC and RGS.

*Eragrostis neesii* Trin., Acta Petrop. 1831 405; Döll, FB 2,3 (1878) 150; Ekman, Ark. f. Bot. 13, n.10 (1913) 50; Herter, Flor. Urug. (1930) 36; Cabrera, Fl. Alred. B. Aires (1953) 61;

**734** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus tritis, 5.10.1933, fr., leg. C. Orth SJ, det. Chase.

**3704** RGS, Hortênsio p. Caí, NEL, in agro, 3.1.1941, fr.

**7459** RGS, S. Leopoldo, NEL, in campestribus arenosis, 1907, fr., leg. F. Theissen SJ.

**8443** RGS, Arroio dos Ratos p. S. Jerônimo, NEL, in campestribus siccis, 8.1.1942, fr.

**25592** RGS, Fazenda Sta Cecília p. S. Gabriel, SW, in campestribus siccis, 1.1944, fr.

**25604** RGS, ibidem, 1.1944, fr.

- 26537** RGS, Parecí p. Montenegro, NEL, in campestribus siccis, 1944, fr., leg. E. Friderichs SJ.
- 26742** RGS, Cêrro Largo p. S. Luiz, NWH, ad viam in incultis, 8.1944, fr., Leg. E. Friderichs SJ.
- 26948** RGS, P. Alegre, NEL, in campestribus siccis, 10.1944, fr., leg. P. Capparelli, det. Swallen (var. lindmani (Hack.) Ekm.).
- 29567** RGS, Parecí p. Montenegro, NEL, in campestribus siccis, 3.10.1945, fr.
- 29038** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis, 25.8.1945, fr.
- 30722** RGS, Vila Oliva p. Caxias, NEH, in campestribus siccis, 28.1.1946, fr.
- 32765** RGS, Parecí p. Montenegro, NEL, in campestribus arenosis, 17.10.1945, fr.
- 33444** RGS, S. Leopoldo, NEL, in arenosis siccis, 10.7.1946, fr., leg. E. Henz SJ.
- 33509** RGS, ibidem, 17.7.1946, fr., leg. L. Stahl SJ.
- 35162** RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus siccis, 15.1.1947, fr.
- 38061** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis, 17.11.1948, fr., det. Swallen.
- 38785** RGS, Conceição p. Caí, NEL, in campestribus arenosis, 14.12.1948 fr., det. Swallen.
- 54318** RGS, Fachinal Preto p. Bom Jesus, NEH, in campestribus dense graminosis, 29.1.1950, leg. R. Reitz 4996, det. Swallen.
- 54952** RGS, Vila Oliva p. Caxias, NEH, ad viam in incultis, 24.2.1954, fr.
- 57026** RGS, ad montem Sapucaia p. S. Leopoldo, NEL, in siccis graminosis, 26.10.1955, fl.
- 57483** RGS, Estação de Silvicultura p. Sta Maria, CL, in campestribus, 23.11.1955, fl., leg. O. Camargo 48.
- 57519** RGS, ibidem, 30.11.1955, fl., leg. O. Camargo 71.
- 59371** RGS, Farroupilha, NEH, in incultis, 25.11.1956, fr., leg. O. Camargo 1028.
- 56002** RGS, Vila Manresa p. P. Alegre, NEL, in dense graminosis, 19.11.1954, fr.
- 61641** RGS, Taquarí, NEL, in campestribus, 8.12.1957, fl., leg. O. Camargo 2763.
- 61690** RGS, Farroupilha, NEH, in campestribus, 18.11.1957, fl., leg. O. Camargo 2584.
- 61847** RGS, Garibaldi, NEH, in graminosis, 29.10.1957, fl., leg. O. Camargo 2292.
- 63022** Paraguay, Primavera, in graminosis, 25.9.1955, fl., leg. A. Woolston 72.

**63475** SC, S. Joaquim, in campestribus, 10.1.1958, fr., leg. J. Mattos.

**Habit:** Loose, rather small bunches, 10-30 cm high.

**Habitat:** Dry Campos and cultivated soil.

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

**General distribution:** From Paraná to Uruguay and B. Aires.

*Eragrostis pilosa* (L.) Beauv., Ess. Agrost. (1812) 71; Döll, FB 2,3 (1878) 141, tab. 42; Ekman, Ark. f. Bot. 11, n.4 (1912) 44; idem, Ark. f. Bot. 13, n.10 (1913) 49; Herter, Flor. Urug. (1930) 36; Cabrera, Fl. Alred. B. Aires (1953) 61; Reitz, Sellowia 7 (1956) 101. — *Poa ilosa* L., Spec. Plant. (1753) 68.

**1007** RGS, S. Leopoldo, NEL, in tritis humidis, 2.7.1934, fr., leg. C. Orth SJ, det. Chase, Parodi (Swallen: *E. tephrosanthos* Schult.?).

**2909** RGS, S. Borja, SW, in dense graminosis, 1943, fr., leg. Fr. Bagione, det. Swallen. (11)

**38679** RGS, Rio dos Sinos p. S. Leopoldo, NEL, in campestribus dense graminosis, 10.12.1948, fr., det. Swallen.

**41430** RGS, Estação Azevedo p. Montenegro, NEL, in campestribus siccis, 6.5.1949, fr., det. Swallen.

**40746** RGS, Cristal p. P. Alegre, NEL, in arenosis humidis, 31.3.1949, fr., det. Swallen.

**43734** RGS, Morro do Sabiá p. P. Alegre, NEL, in humidis alte graminosis, 5.10.1949, fr., det. Swallen.

**57355** RGS, Estação de Silvicultura p. Sta Maria, CL, in campestribus alte graminosis, 23.11.1955, fl., leg. O. Camargo 45.

**61998** RGS, Taquarí, NEL, in alte graminosis. 8.12.1957, fl., leg. O. Camargo 2702.

**Habit:** Dense bunches, up to 40 cm high.

**Habitat:** Dry to moderately wet Campos.

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

**General distribution:** From Mexico to Uruguay and B. Aires.

*Eragrostis polytricha* Nees, Agrost. Bras. (1829) 507; Döll, FB 2,3 (1878) 139; Ekman, Ark. f. Bot. 13, n.10 (1913) 47; Herter, Flor. Urug. (1930) 37; Reitz Sellowia 7 (1956) 61.

**1070** RGS, Vila Manresa p. P. Alegre, NEL in campestribus siccis, 5.11.1932, fr., det. Chase.

**33350** RGS, sine loco, sine die, fr., det. Beetle.

**52749** RGS, Estação Agronômica p. P. Alegre, NEL, in incultis, 11.7.1952, fr., leg. et det. Beetle.

**Habit:** Bunches up to 40 cm high.

**Habitat:** Dry Campos.

**Distribution in RGS:** Apparently northeastern Lowlands only.

**General distribution:** From S. Paulo to Uruguay.

*Eragrostis trichocolea* Hack. et Arch., Gram. Urug. (1894) 384; Herter, Flor. Urug. (1930) 37; Reitz, Sellowia 7 (1956) 101.

**54776** RGS, Torres, NEC, prope litus in arenosis, 11.2.1954, fr., det. Swallen.

**55370** SC, Barra do Sul p. Araraquarí, in arenosis, 8.4.1953, fr., leg. R. Reitz 7156, det. Swallen.

**63092** RGS, Pelotas, SEC, in arenosis, 10.3.1956, fl., leg. Schlichting.

**Habit:** Thin, rather wiry bunches from a rhizome.

**Habitat:** Sandy sea coast.

**Distribution in RGS:** Sea coast only.

**General distribution:** Sta. Catarina, RGS, Uruguay.

*Eragrostis virescens* Presl, Rel. Haenk. 1 ( ) 276; Herter, Flor. Urug. (1930) 37.

**858** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis, 5.10.1933, fr., leg. C. Ovth SJ, det. Parodi, Swallen.

**32738** RGS, Parecí p. Montenegro, NEL, in agro derelicto, 17.10.1945, fr., leg. E. Henz SJ, det. Swallen.

**Habit:** Moderately thick bunches, up to 80 cm high.

**Habitat:** Dry Campos; cultivated soil.

**Distribution in RGS:** Northeastern Lowlands.

**General distribution:** Chile, Uruguay, RGS.

## ERIANTHECIUM

*Erianthecium bulbosum* Parodi,

**63392** RGS, Pelotas, SEC, in campestribus, 5.10.1954, fl., leg. J. Sacco 185, det. Parodi, Swallen.

**Habit:**

**Habitat:** In campestribus siccis alte graminosis.

**Distribution in RGS:** Near southern sea coast.

**General distribution:**

## ERIANTHUS Michx.

*Erianthus angustifolius* Nees, Agrost. Bras. (1829) 316; *E. saccharoides* Michx., var. *neesii* Hack., FB 2,3 (1883) 258. — *E. divaricatus* (L.) Hitchc., ssp. *angustifolius* (Nees) Hack., Ekman, Ark. f. Bot. 13,n.10(1913) 4.

**1008** RGS, S. Leopoldo, NEL, in campestribus alte dumosis, 20.7.1934, fr., leg. C. Orth SJ, det. Chase.



**7029** SC, Lages, in campestribus alte dumosis, 1935, fl., leg. A. Bruxel SJ, det. Swallen.

**35451** RGS, S. Leopoldo, NEL, in dumosis graminosis, 6.11.1946, fl., leg. H. Simas SJ.

**35765** RGS, Kappesberg p. Montenegro, NES, in alte dumosis, 20.12.1946, fr., leg. E. Henz SJ.

**40004** RGS, Linha Bonita p. Montenegro, NES, in dumosis secundariis, 19.1.1949, fl.

**41390** RGS, Morretes p. P. Alegre, NEL, in campestribus subhumidis alte graminosis, 2.5.1945, fl., det. Swallen.

**41573** RGS, ad montem Ferrabraz p. Novo Hamburgo, NEL, in secundariis, 16.5.1949, fl., det. Swallen.

**42451** RGS, Parecí p. Montenegro, NEL, in campestribus alte dumosis, 7.7.1949, fr., det. Swallen.

**48354** SC, Figueiredo p. Bom Retiro, in campestribus alte dumosis, 28.12.1948, fl., leg. R. Reitz 3464, det. Swallen.

**54998** RGS, Vila Oliva p. Caxias, NEH, in subpaludosis alte graminosis, 24.2.1954, fr., det. Swallen.

**60376** RGS, Estação de Silvicultura p. Sta Maria, CL, in dumosis alte graminosis, 8.4.1956, fr., leg. O. Camargo 589.

**Habit:** Moderately thick bunches, up to 1,5 m high.

**Habitat:** More or less dry, shrubby Campos and secondary growth.

**Distribution in RGS:** Northern half of the State.

**General distribution:** From Paraguay and South Brazil do RGS.

**Erianthus asper** Nees, Agrost. Bras. (1829) 315; Hackel, FB 2,3 (1883) 259, tab. 61, fig. 1; Ekman, Ark. f. Bot. 11, n.4 (1912) 3; idem, Ark. f. Bot. 13, n.10 (1913) 5; Reitz, Sellowia 7 (1956) 101.

**1052** RGS, S. Leopoldo, NEL, in alte dumosis, 4.3.1933, fr., leg. C. Orth SJ, det. Swallen.

**31718** SC, Sombrio p. Araranguá, in paludosis alte graminosis, 7.2.1946, fr.

**36464** RGS, Cambará p. S. Francisco de Paula, NEH, in campestribus dumosis 2.1948, fl., det. Swallen.

**41388** RGS, Morretes p. P. Alegre, NEL, in alte dumosis, 2.5.1949, fr.

**45936** RGS, Lagoa dos Quadros p. Torres, NEC, in paludosis alte dumosis, 21.2.1950, fr.

**50925** Paraná, Paranaguá, prope litus in dumosis, 1.1.1950, fr., leg. G. Hatschbach 1674, det. Parodi.

**54298** SC, Brusque, in dumosis secundariis, 4.1.1950, fl., leg. R. Reitz 4953, det. Swallen.

**55420** SC Mafra, in paludosis alte graminosis, 26.1.1953, fr., leg. R. Reitz 7072, det. Swallen.

**58863** RGS, Estação de Silvicultura p. Sta. Maria, CL, in humidis alte graminosis, 3.2.1956, fr., leg. O. Camargo 163.

**Habit:** Bunches up to 2m high.

**Habitat:** Moderately wet to swampy thickets and secondary growth.

**Distribution in RGS:** Northern half of the State.

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

**Erianthus trinii** Hack., Androp. in DC. Mongr. Phan. (1889) 135; Ekman, Ark. f. Bot. 11,n.4 (1912) 3; idem, Ark. f. bot. 13,n.11 (1913) 5; Herter, Flor. Urug. (1930) 27; Reitz, Sellowia 7 (1956) 101. — *E. saccharoides* Michx., var. *trinii* Hack., FB 2,3 (1883) 258.

**2737** RGS, Dois Irmãos p. S. Leopoldo, in secundariis siccis, 3.7.1935, leg. C. Orth SJ, det. Chase.

**7036** SC, Lages, in dumosis secundariis, 1935, fr., leg. A. Bruxel, det. Swallen.

**30736** RGS, Vila Oliva p. Caxias, NEH, in dumosis secundariis, 28.1.1946, fl., det. Parodi.

**30743** RGS, ibidem, in dumosis secundariis, 28.1.1946, fr., det. Parodi.

**35160** RGS, Fazenda da Ronda p. Vacaria, NEH, in alte dumosis, 15.1.1947, fr.

**56787** RGS, Vila Oliva p. Caxias, NEH, in paludosis alte graminosis, 8.2.1955, fr., det. Parodi.

**59688** RGS, Farroupilha, NEH, in dumosis, 28.5.1956, fr., leg. O. Camargo 689.

**59820** RGS, ibidem, 25.3.1957, fl., leg. O. Camargo 1205.

**60807** RGS, ibidem, in dumosis, 18.6.1957, fl., leg. O. Camargo 1617.

**60819** RGS, ibidem, 18.6.1957, fl., leg. O. Camargo 1633.

**60820** RGS, ibidem, 18.6.1957, fl., leg. O. Camargo 1636.

**63095** RGS, Pelotas, SEC, in dumosis secundariis, 10.3.1956, fl., leg. Schlichting.

**Habit:** Bunches 1-1,5 m high.

**Habitat:** Moderately dry to swampy thickets and secondary growth.

**Distribution in RGS:** Widely scattered over the whole of the area.

**General distribution:** From Bahia to RGS.

## **ERIOCHLOA** H.B.K.

**Eriochloa polystachya** H. B. K., Nov. Gen. et Spec. 1 (1815) 95.

**35409** RGS, S. Leopoldo, NEL, in humidis alte graminosis, 28.10.1946, fr., leg. E. Henz SJ.

**40683** RGS, Vila Manresa p. P. Alegre, NEL, in dumosis ad rivum, 26.3.1949, fr., det. Swallen.

**40999** RGS, ad fl. Gravataí inferius p. P. Alegre, NEL, in subpaludosis alte dumosis, 10.4.1949, fr., det. Swallen.

**41817** RGS, Canoas p. P. Alegre, NEL, in paludosis dumosis, 3.6.1949, fr., det. Swallen.

**45873** RGS, Lagoa dos Quadros p. Torres, NEC, in subpaludosis alte dumosis, 21.2.1950, fr.

**Habit:** Erect, up to 75 cm high.

**Habitat:** Wet to swampy places among high grasses.

**Distribution in RGS:** Northeastern Lowlands and sea coast.

**General distribution:** From Mexico to southern Brazil.

*Eriochloa punctata* (L.) Hamilt., Plant. Ind. Occ. ( ) 5; Herter, Flor. Urug. (1930) 28; Ekman, Ark. f. Bot. 13,n.10 (1913) 22; Reitz, Sellowia 7 (1956) 101. — *Helopus punctatus* Nees, Agrost. Bras. (1829) 16; Döll, FB 2,2 (1877) 125.

**1058** RGS, S. Leopoldo, NEL, ad viam ferream in humidis, 10.10.1934, fr., leg. C. Orth SJ, det. Chase.

**32768** RGS, Parecí p. Montenegro, NEL, in agro, 10.11.1945, fr., leg. E. Henz SJ.

**38450** RGS, Vila Manresa p. P. Alegre, NEL, in humidis dumosis, 1.2.1948, fr., det. Beetle.

**39496** RGS, Cristal p. P. Alegre, NEL, in humidis graminosis, 5.1.1949, fr., det. Swallen.

**41077** RGS, ad fl. Gravataí p. P. Alegre, NEL, in humidis dumosis, 18.4.1949, fr., det. Beetle.

**40707** RGS, Cristal p. P. Alegre, NEL, in arenosis humidis, 31.3.1949, fr., det. Swallen.

**40977** RGS, ad fl. Gravataí inferius p. P. Alegre, NEL, in subhumidis dumosis, 10.4.1949, fl. det. Swallen.

**41131** RGS, Ilha da Pintada p. P. Alegre, NEL, in humidis dumosis, 20.4.1949, fr., det. Swallen.

**41184** RGS, Ilha das Flores p. P. Alegre, NEL, in humidis graminosis, 22.4.1949, fr., det. Swallen.

**41339** RGS, Morretes p. P. Alegre, NEL, in arenosis dumosis, 2.5.1949, fr., det. Swallen.

**55350** SC, Rio Tavares in insula Sta Catarina, prope litus in dumosis humidis, 13.5.1953, leg. R. Reitz 7178, det. Swallen.

**Habit:** 50 cm high.

**Habitat:** Wet to more or less swampy places.

**Distribution in RGS:** Northeastern Lowlands.

**General distribution:** From Mexico to RGS.

**ERIOCHRYSIS** Beauv.

**Eriochrysis cayennensis** Beauv. Ess. Agr. (1812) 8; Reitz, Sellowia 7 (1956) 101. – *Saccharum cayennense* Benth., Journ. Linn. Soc. 19 ( ) 66; Hackel, FB 2,3 (1883) 253; Ekman, Ark. f. Bot. 11, n.4 (1912) 3; idem, Ark. f. Bot. 13,n.10(1913); Herter, Flor. Urug. (1930) 27.

**1054** RGS, S. Leopoldo, NEL, ad viam ferream in paludosis alte graminosis, 15.4.1934, fr., leg. C. Orth SJ, det. Chase.

**7004** SC, Lages, in paludosis, 1935, fr., leg. A. Bruxel SJ, det. Swallen.

**7015** SC, ibidem, 1935, fr., leg. A. Bruxel SJ, det. Swallen.

**8779** RGS, Bom Jesus, NEH, in subpaludosis alte graminosis, 14.1.1942, fr.

**28475** RGS, Nonoai ad fl. Uruguay, NWH, in paludosis, 3.1945, fr.

**35159** RGS, Fazenda da Ronda p. Vacaria, NEH, in paludosis alte dumosis, 15.1.1947, fl., fr.

**36476** RGS, Cambará p. S. Francisco de Paula, NEH, in subpaludosis, 2.1948, fl., det. Swallen.

**36965** RGS, S. Leopoldo, NEL, in paludosis alte graminosis, 10.3.1947, fr., leg. E. Henz SJ.

**41745** RGS, Fião p. S. Leopoldo, NEL, in paludosis alte dumosis, 29.5.1949, fr., det. Swallen.

**54574** RGS, Taimbesinho p. S. Francisco de Paula, NEH, in paludosis alte graminosis, 13.11.1953, fr. (Swallen: *Eriochrysis* sp.).

**55342** SC, Mafra, in humidis alte graminosis, 26.1.1953, leg. R. Reitz 7189, det. Swallen.

**56789** RGS, Vila Oliva p. Caxias, NEH, in dumosis humidis, 8.2.1955, fr.

**58056** SC, Massiambú p. Palhoça, in humidis alte graminosis, 4.11.1953, leg. R. Reitz 8337, det. Swallen.

**58929** RGS, Estação de Silvicultura p. Sta Maria, CL, in paludosis alte graminosis, 28.2.1956, fr., leg. O. Camargo 30.

**62769** RGS, Farroupilha, NEH, in paludosis, 10.11.1957, fl., leg. O. Camargo 2499.

**62958** RGS, Lageadinho p. Bom Jesus, NEH, in paludosis, 20.1.1958, fl., leg. O. Camargo 3129.

**64233** SC, S. Joaquim, in paludosis, 20.1.1958, fl., leg. J. Mattos.

**64270** SC, ibidem, 20.1.1958, fl., leg. J. Mattos.

**Habit:** Single stalks, up to 1,5 m high.

**Habitat:** Wet to swampy thickets among high grasses and shrubs.

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

**General distribution:** From Mexico to Uruguay and northern Argentina.

## FESTUCA L.

**Festuca ampliflora** Döll, FB 2,3 (1878) 116, tab. 34. Ekman, Ark. f. Bot. 13,n.10 (1913) 62.

**54704** RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in paludosis alte dumosis, 1.1.1954, fr., det. Swallen.

**59543** RGS, Farroupilha, NEH, in paludosis alte dumosis, 26.10.1956, fl., leg. O. Camargo 822. (12)

**Habit:** Up to 1,5 m high.

**Habitat:** Swampy thickets.

**Distribution in RGS:** Northeastern Highlands.

**General distribution:** From Minas Gerais to RGS.

**Festuca australis** Nees, ap. Steud. Syn. Plant. Gram. (1855) 304; Malme, Sv. Bot. Tidskr. 30 (1936) 11. – *F. tenella* Willd., Spec. Plant. 1 ( ) 419; Döll, FB 2,3 (1878) 112; Herter, Flor. Urug. (1930) 37.

**2727** RGS, Morro da Polícia, NEL, in humidis subhumidis, 2.10.1935, fl., det. Case. (13)

**37985** RGS, Barra do Ribeiro p. P. Alegre, NEL, in arenosis humidis, 14.11.1948, fr., det. Swallen. (13)

**38151** RGS, Morro da Polícia p. P. Alegre, NEL, in humidis subhumidis, 20.11.1948, fr. (13)

**43608** RGS, ibidem, 28.9.1949, fr., det. Swallen.

**44069** RGS, Barreto Vianna p. S. Leopoldo, NEL, in arenosis, 24.10.1949, fr.

**Habit:** 15 cm high.

**Habitat:** Dense stands on more or less wet, bare places.

**Distribution in RGS:** P. Alegre, S. Leopoldo.

**General distribution:** RGS, Uruguay.

**Festuca dertonensis** (All.) Aschers. et Graebn., Syn. mitteleur. Flora 2 (1900) 588. – *Bromus dertonensis* All., Fl. Pedem. 2 (1785) 249. Cabrera, Fl. Alred. B. Aires (1953) 61.

**29378** Vila Manresa p. P. Alegre, NEL, in humidis graminosis, 3.11.1945, fl., det. Swallen. (14)

**57143** RGS, ibidem, 4.11.1955, fl. (14)

**62766** RGS, Farroupilha, NEH, in incultis, 31.10.1957, fl., leg. O. Camargo 2347. (14)

(12) = *Bryza calotheca* (Trin.) Hack, det. H. Longhi, 20.11.1975.

(13) = *Vulpia australis* (Nees ex Stendel) Blom, det. H. Longhi, 1975.

(14) = *Vulpia bromoides* S. F. Gray, det. H. Longhi, 11.11.1975.

**Habit:** 30 cm high, often in dense stands.

**Habitat:** More or less wet places on rocky ground.

**Distribution in RGS:** Northeastern Lowlands and Highlands.

**General distribution:** Native to Europe; RGS, Uruguay, B. Aires.

*Festuca fimbriata* Nees, Agrost. Bras. (1829) 472; Döll, FB 2,3 (1878) 114; Herter, Flor. Urug. (1930) 37.

35173 RGS, Fazenda da Ronda p. Vacaria, NEH, in subhumidis alte graminosis, 15.1.1947, fr. (15)

45452 RGS, Serra da Rocinha p. Bom Jesus, NEH, in paludosis alte graminosis, 18.1.1950, fr., det. Swallen. (15)

45466 RGS, ibidem, 18.1.1950, fr., det. Beetle. (15)

60082 SC, Campo dos Padres p. Bom Retiro, in humidis alte graminosis, 22.1.1957, fl.

**Habit:** 75 cm high.

**Habitat:** Wet to swampy places among high shrubs and grasses.

**Distribution in RGS:** Northeastern Highlands.

**General distribution:** RGS and Uruguay.

*Festuca myurus* L., Spec. Plant. (1753) 74; Cabrera, Fl. Alred. B. Aires (1953) 61.

733 RGS, Vila Manresa p. P. Alegre, NEL, in subhumidis graminosis, 20.1.1933, fr., det. Chase (14).

37096 Chile, Volc. Villa Rica p. Cautín, in arenosis, 6.12.1945, fl., leg. H. Gunckel 15721, det. Parodi (16).

59539 RGS, Farrroupilha, NEH, in incultis, 22.10.1956, fr., leg. O. Camargo 846. (14)

**Habit:** 30-50 cm high.

**Habitat:** Somewhat wet places with rocky underground.

**Distribution in RGS:** Widely scattered.

**General distribution:** Native to Europe; RGS, B. Aires.

(15) = *Festuca* sp. det. H. Longhi.

(16) = *Vulpia megalura* (Nuttall) Ridberg, det. H. Longhi, 11.11.1975.

- Festuca ulochaeta** (Nees) Döll, FB 2,3 (1878) 115, tab. 33; *Vulpia ulochaeta* Nees, ex Steud. Syn. Plant. Gram. (1855) 305.
- 4420** RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in araucarieto, 8.2.1941, fr.
- 6996** SC, Lages, in araucarieto, 1935, fl., leg. A. Bruxel SJ, det. Swallen.
- 7003** SC, ibidem, 1935, fl., leg. Bruxel SJ, det. Swallen.
- 30740** RGS, Vila Oliva p. Caxias, NEH, in araucarieto, 28.1.1946, fr.
- 31319** RGS, ibidem, 24.2.1946, fr.
- 35176** RGS, Fazenda da Ronda p. Vacaria, NEH, in araucarieto, 15.1.1947, f. deciso.
- 35258** RGS, Serra da Rocinha p. Bom Jesus, NEH, in silvula nebulari, 14.2.1947, fr.
- 36446** RGS, Cambará p. S. Francisco de Paula, NEH, in araucarieto, 2.1948, fr., det. Swallen.
- 44891** RGS, S. Francisco de Paula, NEH, in araucarieto, 18.12.1949, fr.
- 54696** RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in umbrosis subhumidis, 1.1.1954, fl.,
- 54989** RGS, Vila Oliva p. Caxias, NEH, in humidis subumbrosis, 24.2.1954, fr., det. Swallen.
- 54999** RGS, ibidem, 24.2.1954, fr., det. Swallen.
- 55394** SC, Campo dos Padres p. Bom Retiro, in dumosis subhumidis, 20.12.1953, fl., leg. R. Reitz 7118, det. Swallen.
- 56319** RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in dumosis, 2.1.1955, fl.
- 56434** RGS, ibidem, 2.1.1955, fl.
- 56725** RGS, Vila Oliva p. Caxias, NEH, in dumosis humidis, 8.2.1955, fl.
- 56768** RGS, ibidem, 8.2.1955, fr. (17)
- 59827** RGS, Farroupilha, NEH, in araucarieto, 25.3.1957, fl., leg. O. Camargo 1208.
- 59992** RGS, ibidem, 15.2.1957, fl., leg. O. Camargo 1157.
- 60081** SC, Campo dos Padres, in umbrosis humidis, 22.1.1957, fl.
- 61855** RGS, Garibaldi, NEH, in silva aberta, 29.10.1957, fl., leg. O. Camargo 2283. (17)

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(17) = **Bromus brachyanthera** Doell, var. *brachyanthera*, det. H. Longhi.

**62765** RGS, Farroupilha, NEH, in umbrosis humidis, 31.1.1957, fl., leg. O. Camargo 2354. (17)

**Habit:** Slender, up to 1m high.

**Habitat:** More or less wet Araucaria forest and Campos woodlets.

**Distribution in RGS:** Northwestern Highlands.

**General distribution:** From Paraná to RGS.

## GUADUA Kunth

**Guadua trinii** Nees, Linnéa 9 (1834) 469; Döll, FB 2,3 (1880) 178. — (G. riograndensis Dutra msc.).

**879** RGS, Esteio p. S. Leopoldo, 7.9.1944, fl., in silva paludosa, leg. C. Orth SJ.

**4668** RGS, Sto Angelo, NWH, in silvula subpaludosa, 18.2.1941, ster.

**9174** RGS, Jarí p. Tupanciretan, NWH, in silva campestri subpaludosa, 26.1.1942, ster.

**28547** RGS, Nonoai ad fl. Uruguay, NWU, in silva campestri paludosa, 3.1945, ster.

**53315** Cêrro largo p. S. Luiz, NWH, in silva campestri paludosa, 24.11.1952, ster.

**58632** RGS, Estação de Silvicultura p. Sta Maria, CL, in silva paludosa, 14.1.1956, ster., leg. O. Camargo 1.

**64196** RGS, Palmeira, NWH, in silvula campestri paludosa, 1957, fl., leg. R. Beltrão.

**Habit:** Up to 8 m high, very spiny.

**Habitat:** Wet to swampy places.

**Distribution in RGS:** Lowlands and northeastern Highlands.

**General distribution:** Minas Gerais to RGS.

## GYMNOPOGON Beauv.

**Gymnopogon biflorus** Pilger,

**41026** RGS, Morro Santana p. P. Alegre, NEL, in siccis dumosis, 13.4.1949, fl., det. Swallen.

**46811** RGS, Fazenda do Arroio p. Osório, NEC, in arenosis, 14.4.1950, fr.

**Habit:** Thin bunches, 30 cm high.

**Habitat:** Dry, grassy Campos.

**Distribution in RGS:** Northeastern Lowlands and sea coast.

**General distribution:**



**HETEROROPOGON Pers.**

**Heteropogon villosus** Nees, Agrost. Bras. (1829) 362; Hackel, FB 2,3 (1883) 269, tab. 62, fig. 2. — *Andropogon villosus* (Nees) Ekman.; Herter, Flor. Urug. (1930) 27.

**855** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis, 20.10.1933, leg. C. Orth SJ, det. Chase.

**29133** RGS, ibidem, 12.9.1945, fl., det. Swallen.

**32757** RGS, Parecí p. Montenegro, NEL, in campestribus siccis alte graminosis, 17.10.1945, fl., leg. E. Henz SJ, det. Beetle.

**33877** RGS, Taquarí, NEL, in campestribus siccis, 22.12.1945, fr., leg. P. Capparelli.

**33889** RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis alte graminosis, 8.11.1948, fr., det. Swallen.

**35142** RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus siccis, 14.1.1947, fr., det. Beetle.

**35166** RGS, ibidem, 15.1.1947, fr.

**35172** RGS, ibidem, in campestribus alte graminosis, 15.1.1947, fr.

**43624** RGS, ibidem, 28.9.1949, fl., det. Swallen.

**43630** RGS, ibidem, 28.9.1949, fr., det. Swallen.

**43643** RGS, Morro das Abertas p. P. Alegre, NEL, in rupestribus alte graminosis, 30.9.1949, fr.

**44437** RGS, Granja Neugebauer p. Itapoan, NEL, in campestribus siccis, 19.11.1949, fr.

**48866** RGS, Granja Neugebauer p. Itapoan, NEL, in campestribus siccis, 27.9.1950, fl.

**Habit:** Dense bunches, up to 50 cm high.

**Habitat:** Dry Campos among high brasses.

**Distribution in RGS:** Northeastern Lowlands and Highlands.

**General distribution:** From Mato Grosso and Minas Gerais to Uruguay.

**HOLCUS L.**

**Holcus lanatus** L., Spec. Plant. (1753) 1048; Herter, Flor. Urug. (1930) 35.

**2899** RGS, S. Borja, SW, in incultis, 1943, fr., leg. F. Baglione.

**7035** SC, Lages, in incultis, 1935, fr., leg. A. Bruxel SJ, det. Swallen.

**8721** RGS, Bom Jesus, NEH, ad viam, 15.1.1942, fr., det. Swallen.

**34231** Chile, Gualpén p. Concepción, in pascuo, 1.1.1941, fr., leg. et det. H. Gunckel.

**32459** RGS, Serra da Rocinha p. Bom Jesus, NEH, ad viam, 28.2.1946, fr., det. Parodi.

**35158** RGS, Fazenda da Ronda p. Vacaria, NEH, in graminosis, 15.1.1947, fr.

**35211** RGS, Serra da Rocinha p. Bom Jesus, NEH, ad viam in tritis, 14.2.1947, fl.

**36474** RGS, Cambará p. S. Francisco de Paula, NEH, ad viam, 2.1948, fr., det. Swallen.

**37076** Chile, Cautín p. Cajón, in prato, 26.3.1946, fl., leg. et det. H. Gunckel 5867.

**50455** RGS, Serra da Rocinha p. Bom Jesus, NEH, ad viam, 18.1.1950, fr., leg. A. Sehnem SJ 4250.

**53893** RGS, ibidem, 3.2.1953, fr.

**54701** RGS, Fazenda Englert p. S. Francisco de Paula, NEH, ad viam, 1.1.1954, fr.

**54332** RGS, Fachinal Preto p. Bom Jesus, NEH, ad viam, 29.1.1950, fl., leg. R. Reitz 5000, det. Swallen.

**59586** RGS, Farroupilha, NEH, in incultis, 26.9.1956, fl., leg. O. Camargo 784.

**62076** RGS, Bento Gonçalves, NEH, in incultis, 6.10.1957, fl., leg. O. Camargo, 1971.

**62249** RGS, Garibaldi, NEH, in incultis, 13.10.1957, fl., leg. O. Camargo 2033.

**Habit:** Up to 50 cm high.

**Habitat:** Disturbed soil; roadside.

**Distribution in RGS:** Fairly common, especially on the northeastern Highlands.

**General distribution:** Native to Europe; RGS, Uruguay, B. Aires.

## **HORDEUM L.**

**Hordeum compressum** Gris., Plant. Lor. (1974) 201; Döll, FB 2,3 (1880) 233; Cabrera, Fl. Alred. B. Aires (1953) 67.

**1946** RGS, S. Leopoldo, NEL, in campestribus siccis graminosis, 8.9.1934, fl., leg. C. Orth SJ, det. Chase.

**Habit:** Up to 50 cm high.

**Habitat:** Sandy, dry Campos.

**Distribution in RGS:** No other findplace.

**General distribution:** South Brazil, Central Argentina.

**Hordeum pusillum** Nutt., Gen. Am. 1 (1818) 87; Cabrera, Fl. Alred. B. Aires (1953) 67.

**53064** RGS, Cêrro Largo p. S. Luiz, NEW, in incultis, 10.1952, fr., det. Swallen.

**Habit:** 10-40 cm high.

**Habitat:** Disturbed soil.

**Distribution in RGS:** No other findplace.

**General distribution:** Native to North America; Argentina, RGS.

## HYMENACHNE Beauv.

**Hymenachne amplexicaulis** (Rudge) Nees, *Agrost. Bras.* (1829) 276; Cabrera, *Fl. Alred. B. Aires* (1953) 105. — *Panicum amplexicaule* Rudge, *Plant. Guiana* 1 (1805) 21; Döll, *FB* 2,3 (1877) 234; Herter, *Flor. Urug.* (1930) 29.

**7450** RGS, S. Leopoldo, NEL, in paludosis alte dumosis, 1907, fr., leg. F. Theissen SJ.

**31456** S. Leopoldo, NEL, Sombrio p. Araranguá, ad lacum in alte dumosis, 1.2.1946, fr., det. Swallen.

**47055** RGS, Lagoa da Pinguela p. Osório, NEC, in humidis alte dumosis, 8.5.1950, fr., det. Beetle.

**49700** RGS, Lagoa dos Quadros p. Torres, NEC, in paludosis alte dumosis, 18.11.1951, fr., det. Beetle.

**Habit:** Up to 1,5 m high.

**Habitat:** Swampy thickets.

**Distribution in RGS:** Northeastern sea coast and Lowlands.

**General distribution:** From the Antilles to RGS.

## HYPARRHENIA

**Hyparrhenia hirta** (L.) Stapf,  
*Andropogon hirtus* L., *Spec. Plant.* (1753) 1046.

**1106** RGS, Dois Irmãos p. S. Leopoldo, NES, in secundariis alte graminosis, 13.9.1934, fr., leg. C. Orth SJ, det. Chase, Parodi.

**Habit:** Bunches up to 1 m high.

**Habitat:** Dry secondary growth.

**Distribution in RGS:** No other findplace.

**General distribution:**

## ICHNANTHUS Beauv.

**Ichnanthus pallens** (Swartz) Munro, ex Benth. *Flor. Hongk.* (1861) 414; Döll, *FB* 2,2 (1877) 290; Ekman, *Ark. f. Bot.* 11,n.4 (1912) 26; idem, *Ark. f. Bot.* 13,n.10 (1913) 32; Malme, *Sv. Bot. Tidskr.* 30 (1936) 10; Cabrera, *Fl. Alred. B. Aires* (1953) 105.

- 1082 RGS, S. Leopoldo, NEL, in silva campestri, 28.8.1934, fr., leg. C. Orth SJ, det. Chase.
- 35568 RGS, Kappesberg p. Montenegro, NES, in silva, 15.12.1946, fr., leg. E. Henz SJ.
- 36466 RGS, Cambará p. S. Francisco de Paula, NEH, in araucarieto, 2. 1948, fr.
- 38763 RGS, Conceição p. Caí, NEL, in silva campestri ad rivum, 12.14.1948, fr., det. Swallen.
- 39865 RGS, ad montem Ferrabraz p. Novo Hamburgo, NEL, in silva, 12.1.1949, fr.
- 40476 RGS, Vila Manresa P. Alegre, NEL, ad rivum in silva, 14.3.1949, fr., det. Swallen.
- 40899 RGS, ad montem das Cabras p. S. Leopoldo, NEL ad rivum in silva, 8.4.1949, fr., det. Swallen.
- 41686 RGS, Schwabenschneis p. S. Leopoldo, NES, in silva, 25.5.1949, fr.
- 41783 RGS, Esteio p. S. Leopoldo, NEL, in silva campestri, 1.6.1949, fr., det. Swallen.
- 41878 RGS, Reutersberg p. Novo Hamburgo, NES, in silva, 6.6.1949, fr.
- 42070 RGS, ad montem Sapucaia p. S. Leopoldo, NEL, ad rivum in silva, 18.6.1949, fr., det. Swallen.
- 42158 RGS, Schwabenschneis p. Novo Hamburgo, in silva, 25.6.1949, fr.
- 45872 RGS, Lagoa dos Quadros p. Torres, NEC, in umbrosis, 21.2.1950, fr.
- 45902 RGS, ibidem, 21.2.1955, fr.
- 46240 RGS, S. Francisco de Paula, NEH, in araucarieto, 13.3.1950, fr.
- 47096 RGS, Vila Manresa p. P. Alegre, NEL, ad rivum in umbrosis, 15.5.1950, fr., det. Parodi.
- 49467 RGS, Mato Leitão p. Venâncio Aires, NES, in silva ad viam, 1.1.1951, fl.
- 57140 RGS, Vila Manresa p. P. Alegre, NEL, in silvula, 4.11.1955, fl.,
- 60443 RGS, Estação de Silvicultura p. Sta Maria, CL, in silva campestri, 10.4.1957, fl., leg. O. Camargo 515.
- 60610 RGS, Farroupilha, NEH, in silva, 7.5.1957, fr., fr., leg. O. Camargo 1360.
- 61977 RGS, Taquarí, NEL, in silva, 12.12.1957, fl., leg. O. Camargo 2898.

**Habit:** Prostrate to ascending, branches up to 50 cm long.

**Habitat:** Forest.

**Distribution in RGS:** Through the whole of the northern forested zone

**General distribution:** From the Antilles to RGS and B. Aires.

**IMPERATA** Cyrillo

**Imperata brasiliensis** Trin., Mém. Ac. St. Petersb. ser. 6, 2 (1832) 331; Hackel, FB 2,3 (1883) 251; Ekman, Ark. f. Bot. 13,n.10 (1913) 4; Malme, Sv. Bot. Tidskr. 30 (1936) 9; Cabrera, Fl. Alred. B. Aires (1953) 110; Reitz, Sellowia 7 (1956) 102.

**52746** RGS, Torres, NEC, prope litus in arenosis, 7.8.1952, fl., leg. et det. Beetle.

**Habit:** Erect, up to 40 cm high.

**Habitat:** More or less dry dunes.

**Distribution in RGS:** Only findplace.

**General distribution:** From Mexico to RGS and B. Aires.

**Imperata contracta** (H.B.K.) Hitchc.,  
I. caudata Trin., Act. Ac. St. Petersb. 8,6 (1833) 331, tab. 2; Hackel, FB 2,3 (1883) 231;

**25457** SC, Antônio Carlos p. Biguassú, in incultis, 2.3.1943, fr., leg. R. Reitz, det. Swallen.

**46488** RGS, Lagoa da Pinguela p. Osório, NEC, in paludosis alte dumosis, 27.3.1950, fr., det. Parodi.

**Habit:** Up to 2 m high.

**Habitat:** Wet places among shrubs.

**Distribution in RGS:** Northeastern sea coast only.

**General distribution:** From Mexico to RGS.

**Imperata tenuis** Hack.,

**2708** RGS, Portão p. S. Leopoldo, NEL, in paludosis alte graminosis, 27.11.1935, fr., leg. C. Orth SJ, det. Chase.

**Habit:** Up to 1,5 high.

**Habitat:** Swampy thickets among high grasses.

**Distribution in RGS:** Northeastern Lowlands.

**General distribution:**

**ISCHAEMUM** L.

**Ischaemum urvilleanum** Kunth, Rev. Gram. 1 (1829) 157; Hackel, FB 2,3 (1883) 260, tab. 72, 1; Ekman, Ark. f. Bot. 13,n.10 (1913) 6; Herter, Flor. Urug. (1930) 27; Cabrera, Fl. Alred. B. Aires (1953) 110; Reitz, Sellowia 7 (1956) 102.

**732** RGS, S. Leopoldo, NEL, in graminosis humidis, 10.1.1933, fr., leg. C. Orth SJ, det. Chase.

- 37981 RGS, Barra do Ribeiro p. P. Alegre, NEL, in humidis graminosis, 14.11.1948, fr., det. Swallen.
- 38272 RGS, Esteio p. P. Alegre, NEL, in subpaludosis graminosis, 24.11.1948, fl., det. Swallen.
- 44308 RGS, ibidem, 8.11.1949, fr.
- 44487 RGS, Granja Neugebauer p. Itapoan, NEL, in subpaludosis graminosis, 19.11.1949, fl.
- 51146 Paraná, Matinho p. Paranaguá, in humidis graminosis, 2.11.1949, fl., leg. G. Hatschbach 1579, det. Parodi.
- 54345 SC, Laguna, in arenosis prope litus, 20.2.1952, fr., leg. R. Reitz 5049, det. Swallen.
- 55377 SC, Massiambú p. Palhoça, in arenosis, 18.12.1952, fr., leg. R. Reitz 7148, det. Swallen.
- 56220 RGS, Torres, NEC, prope litus in dense graminosis, 12.11.1954, fr.
- 57144 RGS, Vila Manresa p. P. Alegre, NEL, in humidis dense graminosis, 4.11.1955, fl.
- 58034 SC, Massiambú p. Palhoça, in arenosis humidis, 5.11.1953, fr., leg. Reitz 8282, det. Swallen.
- 58049 SC, ibidem, 24.9.1953, fr., leg. R. Reitz 8323, det. Swallen.
- 62714 RGS, Porto Alegre, NEL, in humidis dense graminosis, 2.11.1957, fr., leg. O. Camargo 2368.

**Habit:** Densely cespitose.

**Habitat:** More or less wet meadows.

**Distribution in RGS:** Northeastern Lowlands and sea coast.

**General distribution:** From S. Paulo to Uruguay and B. Aires.

### **KOELERIA Pers.**

**Koeleria phleoides** (Vill.) Pers., Syn. Pl. 1 (1805) 97; Herter, Flor. Urug. (1930) 37; Cabrera, Flor. Alred. B. Aires (1953) 70. — *Festuca phleoides* Vill., Flor. Delph. (1895) 7.

875 RGS, Vila Manresa p. P. Alegre, NEL, in agro, 5.10.1933, fr., leg. C. Orth SJ, det. Chase.

26978 RGS, ibidem, 10.1944, fr., det. Swallen.

38073 RGS, ibidem, 17.11.1948, fl., det. Swallen.

56009 RGS, ibidem, 19.11.1954, fl.,

57191 RGS, P. Alegre, NEL, in via publica, 1955, fl.

**Habit:** Dense bunches, up to 40 cm high.

**Habitat:** Disturbed soil.

**Distribution in RGS:** Widely scattered: Pelotas, S. Leopoldo, P. Alegre.

**General distribution:** Native to Europe; RGS, Uruguay, B. Aires.

**LASIACIS (Gris.) Hitchc.*****Lasiacis divaricata* (L.) Hitchc.,**

*Panicum divaricata* L., Spec. Plant. ed. 2 (1762) 86. – *P. latifolium* L., Spec. Plant. (1753) 58; Döll, FB 2,2 (1877) 206; Ekman, Ark. f. Bot. 11, n.4 (1912) 18; idem, Ark. f. Bot. 13, n.10 (1913) 25; Reitz, Sellowia 7 (1956) 102.

**2719** RGS, Kappesberg p. Montenegro, NES, in silva pluviali, 4.1.1936, fr., det. Chase.

**3817** RGS, Bohnental p. Caí, in silva, 4.1.1941, ster.

**7442** RGS, S. Leopoldo, NEL, ad silvam, fr., leg. F. Theissen SJ.

**28348** RGS, Nonoi, NWU, in silva pluviali, 3.1945, fr.

**39890** RGS, ad montem Ferrabraz p. Novo Hamburgo, NEL, in silva, 12.1.1949, fr.

**40005** RGS, Linha Bonita p. Montenegro, NES, in silva, 19.1.1949, fr.

**42192** RGS, Schwabenschneis p. Novo Hamburgo, NES, in silva pluviali, 25.6.1949, fr.

**42200** RGS, ad montem Steinkopf p. S. Leopoldo, NEL, in silva pluviali, 28.6.1949, fr. deciso.

**42419** RGS, Parecí p. Montenegro, NEL, in silva pluviali, 7.7.1949, fr.

**42693** RGS, Vila Manresa p. P. Alegre, NEL, in silva pluviali, 25.7.1949, fr.

**46452** RGS, Lagoa da Pinguela p. Osório, NEC, in silva secundaria, 27.3.1950, fr.

**47132** RGS, Butterberg p. Montenegro, NES, in silva pluviali, 22.5.1950, fr.

**49870** SC, Itapiranga ad fl. Uruguay superius, in silva pluviali, 6.2.1951, fr.

**53628** Paraná, Salto Iguassú, in silva, 11.1.1953, fr. maturo.

**58038** SC, Morro da Fazenda p. Itajaí, in silva, 4.3.1954, fl., leg. R. Reitz 8292, det. Swallen.

**60808** RGS, Sta Rita p. Farroupilha, NEH, in silva, 18.5.1957, fl., leg. O. Camargo 1448.

**Habit:** Recumbent, up to 3 m high.

**Habitat:** Rain forest.

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

**General distribution:** From Guyana to Misiones and RGS.

**LEERSIA Swartz**

*Leersia hexandra* Swartz, Prodr. (1788) 21; Ekman, Ark. f. Bot. 11, n.4 (1912) 36; Herter, Flor. Urug. (1930) 32; Cabrera, Flor. Alred. B. Aires

(1953) 91; Reitz, *Sellowia* 7 (1956) 102. — *Oryza hexandra* (Sw.) Döll, FB 2,2 (1871) 10.

**9849** RGS, Tupanciretan, NWH, in paludosis, 29.1.1942, fr., det. Parodi.

**33192** RGS, Vila Oliva p. Caxias, NEH, in paludosis, 16.1.1946, fr.

**35141** RGS, Fazenda da Ronda p. Vacaria, NEH, in humidis, 15.1.1947, fr.

**35666** RGS, S. Leopoldo, NEL, in paludosis, 20.12.1946, fr., leg. E. Henz SJ.

**41495** RGS, Estação Azevedo p. Montenegro, NEL, in palude, 6.5.1949, fr.

**44774** RGS, Glorinha p. Gravataí, NEL, in palude, 14.12.1949, fr.

**45142** RGS, Fazenda do Arroio p. Osório, NEC, in palude, 4.1.1950, fr.

**55066** RGS, Vila Oliva p. Caxias, NEH, in subpaludosis, 24.2.1954, fr., det. Swallen.

**55071** RGS, ibidem, 24.2.1954, fr.

**58829** RGS, Estação de Silvicultura p. Sta Maria, CL, in subpaludosis, 1.3.1956, fr., leg. O. Camargo 142.

**58981** RGS, ibidem, 5.1.1956, fr., leg. O. Camargo 157.

**Habit:** 30 cm high.

**Habitat:** Wet to swampy places.

**Distribution in RGS:** Over the whole of the Campos area, rather inconspicuous.

**General distribution:** From Guyana to RGS, Uruguay and B. Aires.

## LEPTOCORYPHIUM Nees

**Lapocoryphium lanatum** (H.B.K.) Nees, *Agrost. Brasil.* (1829) 84; Döll, FB 2,2 (1877) 120, tab. 17; Herter, *Flor. Urug.* (1930) 29; Cabrera, *Flor. Alred. B. Aires* (1953) 104; Reitz, *Sellowia* 7 (1956) 104. — *Paspalum lanatum* H.B.K., *Nov. Gen. et Spec.* 1 (1816) 94, tab. 29. — *Athaenantia lanata* (H.B.K.) Benth.; Ekman, *Ark.f.Bot.* 11, n.4 (1912) 17; idem, *Ark.f.Bot.* 13, n.10 (1913) 22.

**867** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis alte graminosis, 15.10.1933, fr., leg. C. Orth SJ, det. Chase.

**29045** RGS, ibidem, 25.18.1945, fr.

**33921** RGS, ibidem, 18.9.1946, fl.

**34128** RGS, ibidem, 9.10.1946, fr.

**37391** RGS, ibidem, 5.7.1948, fr.

**37392** RGS, ibidem, 5.7.1948, fr.

**38663** RGS, Rio dos Sinos p. S. Leopoldo, NEL, in campestribus



siccis, 10.12.1948, fl., det. Swallen.

**38684** RGS, ibidem, 10.12.1948, fr.

**44094** RGS, Barreto Vianna p. S. Leopoldo, NEL, in siccis, 24.10.1949, fr.

**60337** RGS, Estação de Silvicultura p. Sta Maria, CN, in campestribus alte graminosis, 8.4.1956, fr., leg. O. Camargo 557.

**61984** RGS, Taquarí, NEL, in campestribus siccis alte graminosis, 10.12.1957, fl., leg. Camargo 2882.

**Habit:** Stout bunches, up to 60 cm high.

**Habitat:** Dry Campos among high grasses and shrubs.

**Distribution in RGS:** Central and northeastern Lowlands.

**General distribution:** From Guyana to Uruguay and B. Aires.

### LUZIOLA Juss.

*Luziola peruviana* Gmel., Syst. Nat. 2 (1791) 637; Döll, FB 2,2 (1871) 17, tab. 5; Herter, Flor. Urug. (1930) 32; Cabrera, Fl. Alred. B. Aires (1953) 91; – *Luziola leiocarpa* Lindm., Kongl. Sv. Vet. Ak. Handl. 34, n.6 (1912) 29; Ekman, Ark. f. Bot. 11,n.4 (1912) 29. – Reitz Sellowia 7 (1956) 106.

**1051** RGS, S. Leopoldo, NEL, in palude, 20.9.1934, fr., leg. C. Orth SJ, det. Chase.

**31458** SC, Sombrio p. Araranguá, in palude, 1.2.1946, fr.

**40135** RGS, Guaíba, NEL, in paludosis, 24.1.1949, fl.

**40325** RGS, Sta Maria p. Farroupilha, NEH, in paludosis, 29.1.1949, fl., (Swallen: *L. leiocarpa* Lindm.?).

**38519** RGS, S. Leopoldo, NEL, in paludosis, 4.12.1948, fr.

**38802** RGS, Conceição p. Caí, in stagno, 14.12.1948, fl. (Swallen: *L. leiocarpa* Lindman?).

**39602** RGS, Cachoeirinha p. Gravataí, NEL, in stagno, 7.1.1949, fl.

**44316** Esteio p. S. Leopoldo, NEL, in stagno, 8.11.1949, fl.

**44461** RGS, Granja Neugebauer p. Itapoan, NEL, in stagno, 19.11.1949, fr.

**45705** RGS, Farroupilha, NEH, in stagno, 7.2.1950, fl.

**54926** RGS, Vila Oliva p. Caxias, NEH, in stagno, 24.2.1954, fl. (Swallen: *L. leiocarpa* Lindm.).

**57137** RGS, Vila Manresa p. P. Alegre, NEL, in stagno, 4.11.1955, fl.

**58057** SC, Massiambú p. Palhoça, in paludosis, 5.11.1953, fr., leg. R. Reitz 8349, (Swallen: *L. leiocarpa* Lindm.).

**59402** RGS, Farroupilha, NEH, in stagno fluitans, 15.11.1956, fr., fl., leg. O. Camargo 984.

**61490** RGS, Taquarí, NEL, in stagno fluitans, 14.12.1957, fl., leg. O. Camargo 2912.

**Habit:** Submersed, leaves floating.

**Habitat:** Shallow, stagnant or more or less perennial ponds.

**Distribution in RGS:** Common all over the Campos area.

**General distribution:** From Mexico to Uruguay and B. Aires.

## MANISURIS Swartz

**Manisuris loricata** (Trin.) Kuntze, *Rottboellia loricata* Trin., *Mém. Ac. Petersb. ser. 6,5* (1849) 250; Hackel, *FB 2,3* (1883) 311, tab. 21, fig. 1,2; Ekman, *Ark. f. Bot. 13,n.10* (1913) 6.

**1074** RGS, S. Leopoldo, NEL, in humidis alte dumosis, 4.5.1933, fr., det. Chase.

**2710** RGS, Portão p. S. Leopoldo, NEL, in subpaludosis alte dumosis, 27.11.1935, fr., leg. C. Orth SJ, det. Chase.

**31944** SC, Sombrio p. Araranguá, in paludosis alte dumosis, 5.12.1943, fr., leg. R. Reitz 1315, det. Swallen.

**60438** RGS, Estação de Silvicultura p. Sta Maria, CL, in alte graminosis, 8.4.1956, fr., leg. O. Camargo 590.

**61664** RGS, Taquarí, NEL, in humidis alte graminosis, 10.12.1957, fl., leg. O. Camargo 2841.

**Habit:** Up to 1,5 m high.

**Habitat:** Densely vegetated swamps.

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

**General distribution:** From Minas Gerais to RGS.

## MELICA L.

**Melica aurantiaca** Lam., *Encycl. Méth. 4* (1797) 70; Döll, *FB 2,3* (1878) 128; Ekman, *Ark. f. Bot. 11 n.4* (1912) 44; Herter, *Flor. Urug.* (1930) 44; Cabrera, *Flor. Alred. B. Aires*, (1953) 63.

**1098** RGS, Sapucaia p. S. Leopoldo, NEL, ad viam in siccis dumosis, 17.10.1934, fr., leg. C. Orth SJ (Parodi: *M. papilionacea* L.).

**2713** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 19.11.1935, fr., leg. C. Orth SJ, det. Chase, Parodi Swallen.

**8285** RGS, Montserrat p. P. Alegre, NEL, in campestribus siccis, 13.10.1941, fr., leg. K. Emrich.

**11772** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis, 1943, fl.

**11764** RGS, ibidem, 1943, fr.

**27120** RGS, ibidem, 1943, fr.

- 29204 RGS, ibidem, 3.10.1945, fr.  
 34137 RGS, ibidem, 9.10.1946, fr.  
 34198 RGS, ibidem, 16.10.1946, fl.  
 35463 RGS, Cambará p. S. Francisco de Paula, NEH, in campestribus siccis, 2.1948, fr.  
 37745 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis, 22.9.1948, fl.  
 43728 RGS, Morro de Sta Teresa p. P. Alegre, NEL, in campestribus siccis, 3.10.1949, fl.  
 43976 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis, 19.10.1949, fr., det. Swallen.  
 43998 RGS, Morro do Osso p. P. Alegre, NEL, in campestribus siccis, 21.10.1949, fr.  
 48987 RGS, Vila Manresa p. P. Alegre, in campestribus siccis, 18.10.1950, fr.  
 54468 RGS, ibidem, 12.11.1953, fr., det. Swallen.  
 55999 RGS, ibidem, 19.11.1954, fr.  
 57231 RGS, ibidem, 15.10.1955, fl.  
 57487 RGS, Estação de Silvicultura p. Sta Maria, CL, in campestribus, 21.11.1955, fl., leg. O. Camargo 40.

**Habit:** Up to 1 m high.

**Habitat:** Dry, grassy, Campos.

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

**General distribution:** RGS, Uruguay, B. Aires.

*Melica sarmentosa* Nees, Agrost. Bras. (1829) 485; Döll, FB 2,3 (1878) 127; Ekman, Ark. f. Bot. 11,n.4 (1912) 44; Idem, Ark. f. Bot. 13,n.10 (1913) 52; Herter, Flor. Urug. (1930) 37; Cabrera, Fl. Alred. B. Aires (1953) 62.

2718 RGS, Kappesberg p. Montenegro, NES, in dumosis scandens, 4.1.1936, leg. C. Orth SJ, det. Chase.

6540 RGS, sine die, fr.

7021 SC, Lages, ad silvulam scandens, 1935, ster., Leg. A. Bruxel SJ.

26779 RGS, Cerro Largo p. S. Luiz, NWH, ad silvam scandens, 9.1944, fr., leg. E. Friderichs SJ.

29566 RGS, Parecí p. Montenegro, NEL, ad silvam scandens, 3.10.1945, fr., leg. E. Henz SJ, det. Swallen.

32603 RGS, ibidem, 22.10.1945, fr. deciso, leg. E. Henz SJ.

34344 RGS, Cêrro Largo p. S. Luiz, NWH, ad silvam scandens, 31.10.1946, fr., leg. Irm. Augusto, det. Swallen.

35355 RGS, Dois Irmãos p. S. Leopoldo, NES, ad silvam, 10.10.1946, fr., leg. C. Ritter SJ.

- 38622** RGS, Morro da Polícia p. P. Alegre, NEL, ad silvulam scandens, 20.11.1948, fr.
- 39949** RGS, ad montem Ferrabraz p. Novo Hamburgo, NEL, ad silvam scandens, 12.1.1949, fr.
- 43423** RGS, Kappesberg p. Montenegro, NES, ad silvam pluvialem scandens, 11.9.1949, fl., det. Swallen.
- 43757** RGS, Morro do Sabiá p. P. Alegre, NEL, in ripariis scandens, 5.10.1949, fr.
- 43783** RGS, Parecí p. Montenegro, NEL, ad silvam scandens, 7.10.1949, fr.
- 44808** RGS, S. Francisco de Paula, NEH, ad araucarietum scandens, 18.12.1949, fr.
- 49109** RGS, Butterberg p. Montenegro, NES, ad silvam primaevam scandens, 13.11.1950, fr.
- 50865** Paranã, Morro Grande p. Cerro Azul, fr., leg. G. Hatschbach 1490, det. Parodi.
- 59587** RGS, Farroupilha, NEH, ad araucarietum scandens, 26.9.1956, fl., leg. O. Camargo 783,
- 61171** SC, Itapiranga ad fl. Uruguay, ad silvam scandens, 7.10.1957, fl.
- 61886** RGS, Garibaldi, NEH, in silva, 29.10.1957, fl., leg. O. Camargo 2272.
- 62147** RGS, Farroupilha, NEH, in dumosis scandens, 8.10.1957, fl., leg. O. Camargo 1991.
- 62154** RGS, Bento Gonçalves, NEH, ad silvam scandens, 6.10.1957, fl., leg. O. Camargo 1980.
- 62201** RGS, Garibaldi, NEH, ad silvam scandens, 13.10.1957, fl., leg. O. Camargo 2058.
- 62260** RGS, Farroupilha, NEH, in silva, 10.10.1957, fl., leg. O. Camargo 1903.
- 62334** RGS, Montenegro, NEL, in dumosis scandens, 19.9.1957, fl., leg. O. Camargo 1781.
- 62622** RGS, P. Alegre, NEL, ad silvulam campestrum scandens, 2.11.1957, fl., leg. O. Camargo 2424.

**Habit:** Climbing up to 5 m high.

**Habitat:** Edge of rain forest, secondary growth.

**Distribution in RGS:** Over the whole of the forested area.

**General distribution:** From Minas Gerais to Uruguay and B. Aires.

### **MELINIS** Beauv.

**Melinis minutiflora** Beauv., Essay Agrost. (1812) 54, tab. 11, fig. 4; Ekman, Ark. f. Bot. 13,n.10 (1913) 10; Reitz, Sellowia 7 (1956) 102. —

*Panicum melinis* Trin., Acta Petrop. 1835, 291; Döll, FB 2,2 (1877) 241, tab. 33.

**881** RGS, Vila Manresa p. P. Alegre, NEL, in dumosis subspontanea, 10.10.1933, fr., leg. C. Orth SJ, det. Chase.

**4204** SC, Nova Trento p. Florianópolis, in dumosis secundariis, 6.1938, fr., det. Swallen.

**10832** RGS, Marcelino Ramos, NWH, ad viam in dumosis, 1.1943, fr., leg. E. Friderichs SJ.

**25466** RGS, S. Leopoldo, NEL, in dumosis, 1943, ster., leg. R. Reitz.

**32063** SC, Sombrio p. Araranguá, ad viam in dumosis, 28.8.1945, fr., leg. R. Reitz 1130, fr.

**42026** RGS, Morro Santana p. P. Alegre, NEL, in secundariis efferata, 15.6.1949, fr.

**43557** RGS, Portão p. S. Leopoldo, NEL, in secundariis eferata, 23.9.1949, fr.

**52748** RGS, Escola Agronômica p. P. Alegre, in dumosis, 11.7.1952, fr., leg. et det. Beetle.

**55379** SC, Ascurra p. Rodeio, in dumosis, 11.6.1953, leg. R. Reitz 7142, det. Swallen.

**55395** SC, Praia Braba p. Itajaí, in dumosis scandens, 28.5.1953, fr., leg. R. Reitz 7115, det. Swallen.

**Habit:** Prostrate to ascending or half-climbing, up to 2 m high.

**Habitat:** Cultivated, or subspontaneous in secondary growth

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

**General distribution:** Tropical and subtropical America.

## **MEROSTACHYS** Spreng.

*Merostachys burchellii* Munro, Monogr. ( ) 51; Döll, FB 2,3 (1880) 218.

**3239** RGS, Kappesberg p. Montenegro, NES, in silva subhumida, 1938, fr.

**4880** RGS, Passo do Inferno p. Canela, NEH, ad flumen in dumosis, 10.2.1941, fr.

**6431** RGS, sine loco, sine die, fr.

**9021** RGS, Bom Jesus, NEH, in silva campestri ad rivum, 16.1.1942, fr.

**47382** RGS, Campinas p. Sta Rosa, NWH, in silva pluviali, 2.1950, fr., leg. A. Spies.

**56384** RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in araucarieto, 2.1.1955, ster. (19)

**56611** RGS, Vila Oliva p. Caxias, NEH, in araucarieto, 8.2.1955, ster. (19)

**60611** RGS, Farroupilha, NEH, in araucarieto, 7.5.1957, ster., leg. O. Camargo 1340.

**60880** RGS, ibidem, 8.7.1957, ster., leg. O. Camargo 1648. (19)

**60984** RGS, ibidem, 8.5.1957, ster., leg. O. Camargo 1434.

**Habit:** Culms up to 8 m high.

**Habitat:** More or less wet forest, often dominant in the undergrowth.

**Distribution in RGS:** Northeastern Highlands.

**General distribution:** From S. Paulo to RGS.

## MICROCHLOA Brown

*Microchloa indica* (L.) K.,  
Herter, Flor. Urug. (1930) 39.

**29040** RGS, Vila Manresa p. P. Alegre, NEL, in rupestribus humidis parce humosis, 25.8.1945, fr.

**54964** RGS, Vila Oliva p. Caxias, NEH, in rupestribus humidis parce humosis, 24.2.1954, fr. (Swallen: *Microchloa* sp.).

## MUEHLENBERGIA Schreb.

*Muehlenbergia schreberi* Gmel., Syst. Nat. 2 (1791) 171; Herter, Flor. Urug. (1930) 33; Cabrera, Flor. Alred. B. Aires (1953) 76, fig. 23 J. – *M. diffusa* Schreb., Gräser ( ) tab. 51; Döll, FB 2,3 (1878) 40; Ekman, Ark. f. Bot. 11,n.4 (1912) 33; Malme, Sv. Bot. Tidskr. 30 (1936) 10.

**2874** RGS, Schwabenschneis p. Novo Hamburgo, NES, in secundariis, 14.9.1937, fr., leg. C. Orth SJ, det. Parodi: *M. diffusa* Schreb.

**42314** RGS, Langschneis p. Montenegro, NES, ad viam ferream in dumosis, 2.7.1949, fr., det. Swallen.

**55090** RGS, Vila Oliva p. Caxias, NEH, ad viam in dumosis, 24.2.1954, fr., det. Swallen.

**59775** RGS, Farroupilha, NEH, in dumosis secundariis, 18.3.1957, fl., leg. O. Camargo 1168.

**59778** RGS, ibidem, 25.3.1957, fl., leg. O. Camargo 1196.

**64344** SC, S. Joaquim, in campestribus, 10.2.1958, fl., leg. J. Mattos.

**64345** SC, ibidem, 1.2.1958, fl., leg. J. Mattos.

**Habit:** Prostrate to ascending, branches up to 1 m long.

**Habitat:** Disturbed soil, secondary growth.

**Distribution in RGS:** Northeastern Lowlands, rainforest belt and Highlands.

**General distribution:** Subtropical and temperate America; Misiones, RGS, Uruguay, B. Aires.

## OLYRA L.

**Olyra humilis** NEES, *Agrost. Bras.* (1829) 403; Döll 2,2 (1877) 321; Reitz, *Sellowia* 7 (1956) 103.

**840** RGS, Vila Manresa p. P. Alegre, NEL, in silva primaeva, 10.11.1931, fr., det. Chase, leg. C. Orth SJ.

**37864** RGS, Morro da Polícia p. P. Alegre, NEL, in silva campestri, 11.11.1948, fr., det. Swallen.

**43033** RGS, Schwabenschneis p. Novo Hamburgo, NES, in silva pluviali, 22.8.1949, ster.

**43745** RGS, Morro do Sabiá p. P. Alegre, NEL, in silvula riparia, 5.10.1949, fr.

**43790** RGS, Parecí p. Montenegro, NEL, in silva pluviali, 7.10.1949, fl.

**44445** RGS, Granja Neugebauer p. Itapoan, NEL, in silva, 19.11.1949, fr.

**48937** RGS, ibidem, 11.10.1950, fl.

**50877** Paraná, Piraquara p. Florestal, in araucarieto, 19.12.1948, fr., leg. G. Hatschbach 1140, det. Parodi.

**53077** RGS, Cêrro Largo p. S. Luiz, NWH, in silva, 20.11.1942, fr.

**53713** SC, Itapiranga ad fl. Uruguay superius, in silva pluviali, 17.1.1953, fr.

**61507** RGS, Farroupilha, NEH, in silva, 25.11.1957, fl., leg. O. Camargo 2446, fl.,

**61833** RGS, Garibaldi, NEH, in silva, 29.10.1957, fl., leg. O. Camargo 2242.

**Habit:** Bambusoid, loose bunches, up to 1 m high.

**Habitat:** Interior of the rain forest.

**Distribution in RGS:** Northern rain forest area.

**General distribution:** From Goiás to RGS.

**Olyra latifolia** L., *Amoen. Ac.* 5 ( ) 408; Döll, *FB* 2,2 (1877) 316; Reitz, *Sellowia* 7 (1956) 103.

**6430** SC, Tubarão, S. Ludgero p., in silva pluviali, 4.1.1941, fr., leg. C. Orth SJ, det. Swallen.

**3602** Rio de Janeiro, ad montem Corcovado, 5.2.1940, fr., det. Swallen.

**31839** SC, Sombrio p. Araranguá, in silva pluviali, 9.2.1946, fr., det. Swallen.

**42283** RGS, ad montem Steinkopf p. S. Leopoldo, NEL, in silva pluviali, 28.6.1949, fr., det. Swallen.

**Habit:** Bambusoid, loose bunches, culms up to 1,5 m high.

**Habitat:** Interior of rain forest.

**Distribution in RGS:** Northeastern Lowlands.

**General distribution:** From Amazonia to RGS.

### **OPLISMENUS** Beauv.

**Oplismenus hirtellus** (L.) Beauv.,

*Panicum hirtellaum* L., Spec. Plant. ed. 2 (1762) 83. – *Panicum loliaceum* Lam., Ill. 1 ( ) 170; Döll, FB 2,2 (1877) 145. – *Oplismenus hirtellus* (L.) R. et S., Ekman, Ark. f. Bot. 13, n.10 (1913) 33.

**26365** RGS, Fazenda do Jarau p. Quaraí, Sv, in silva campestri, 1.1945, fr.

**30518** SC, Sombrio p. Araranguá, in umbrosis, 12.4.1944, fr., det. Swallen.

**33063** RGS, Parecí p. Montenegro, NEL, in silva, 15.1.1945, fr., leg. C. Ritter SJ, det. Swallen.

**41351**RGS, Morretes p. P. Alegre, NEL, in silva campestri, 2.5.1949, fr., det. Swallen.

**42184** RGS, Schwabenschneis p. Novo Hamburgo, NES, in silva, 25.6.1949, fr. deciso.

**63692** RGS, Feliz p. Caí, ad flumen in umbrosis, 17.3.1958, fl., fr., leg. O. Camargo.

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

**Habitat:** Forest and woodlets.

**Distribution in RGS:** Northeastern Lowlands and rain forest belt.

**General distribution:** From the Antilles to RGS.

**Oplismenus setarius** (Lam.) R. et Schult., Syst. Veg. 2 (1817) 481; Ekman, Atk. f. Bot. 13, n.10 (1913) 33; Herter, Flor. Urug. (1930) 29. – *Panicum setarium* Lam., Illustr. 1 (1791) 170; Döll, FB 2,2 (1877) 147.

**731** RGS, Vila Manresa p. P. Alegre, in silva umbrosa, 15.1.1933, fl, fr., leg. C. Orth SJ, det. Chase.

**40598** RGS, Esteio p. S. Leopoldo, NEL, in silva campestri, 23.3.1949, fr., det. Swallen.



**41578** RGS, ad montem Ferrabraz p. Novo Hamburgo, NEL, in silva, 16.5.1949, fr., det. Swallen.

**41842** RGS, sine loco, 3.6.1949, fl.

**42072** RGS, Sapucaia p. S. Leopoldo, NEL, in silva campestri, 18.6.1949, fr.

**45997** RGS, Lagoa dos Quadros p. Torres, NEC, in silva umbrosa, 21.2.1950, fr.

**55354** SC, Rio Tavares in Insula Florianópolis, in arenosis umbrosis, 13.5.1953, leg. R. Reitz, 7173, det. Swallen.

**55424** SC, Massimbú p. Palhoça, in umbrosis arenosis, 12.3.1953, fr., leg. R. Reitz 7067, det. Swallen.

**60404** RGS, Feliz p. Caí, in umbrosis, 26.4.1956, fr., leg. O. Camargo 622.

**Habit:** Prostrate to ascending, branches up to 40 cm long.

**Habitat:** Shady places, forest.

**Distribution in RGS:** Northeastern Lowlands.

**General distribution:** From Texas and Mexico to Uruguay and B. Aires.

## ORYZA L.

*Oryza subulata* Nees, Agrost. Bras. (1829) 518; Döll, FB 2,2 (1871) 8; Ekman, Ark. f. Bot. 11,n.4 (1912) 29; Herter, Flor. Urug. (1930) 32.

**41082** RGS, ad fl. Gravataí inferius p. P. Alegre, in subpaludosis alte dumosis, 18.4.1949, fl., det. Swallen.

**Habit:** Thick grayish bunches up to 1,5 high.

**Habitat:**Swampy thickets

**Distribution in RGS:** Common in the southwestern plains, often in extense stands, used for thatching.

**General distribution:** From Paraguay to Western RGS, and Uruguay.

## PANICUM L.

*Panicum anomalum* Trin.,

**59234** RGS, Taimbesinho p. S. Francisco de Paula, NEH, in humidis dumosis, 12.2.1956, fr.

**Habit:** Strong, erect, up to 5 m high.

**Habitat:** Wet to swampy thickets.

**Distribution in RGS:** Northeastern Highlands.

**General distribution:**

**Panicum aquaticum** Poir., Encycl. Supl. 4 ( ) 281; Reitz, Sellowia 7 (1956) 103.

**38590** RGS, ad montem das Cabras p. S. Leopoldo, NEL, in paludosis alte graminosis, 7.12.1948, fr., det. Swallen.

**40542** RGS, Sapucaia p. S. Leopoldo, NEL, in subpaludosis alte graminosis, 17.3.1949, fr., det. Swallen.

**40725** RGS, Cristal p. P. Alegre, NEL, in humidis alte graminosis, 31.3.1949, fr., det. Swallen.

**41092** RGS, ad fl. Gravataí inferius p. P. Alegre, NEL, in paludosis dense dumosis, 18.4.1949, fr., det. Swallen.

**41798** RGS, Esteio, p. S. Leopoldo, NEL, in paludosis alte graminosis, 1.6.1949, fr.

**41739** RGS, Fião p. S. Leopoldo, NEL, in subpaludosis alte graminosis, 25.9.1949, fr., det. Swallen.

**55346** SC, Massiambú p. Palhoça, in palude, 19.12.1952, fr., leg. R. Reitz 7185, det. Swallen.

**55398** SC, Rio Tavares in Insula Florianópolis, in paludosis, 11.3.1953, leg. R. Reitz 7112, det. Swallen.

**58033** SC, ibidem, 5.11.1953, fr., leg. R. Reitz 8275, det. Swallen.

**Habit:** Culms vigorous, 1 m and more long.

**Habitat:** Swampy thickets.

**Distribution in RGS:** Northeastern Lowlands.

**General distribution:** From the Antilles to RGS.

**Panicum aristellum** Döll, FB 2,2 (1877) 221; Ekman, Ark. f. Bot. 13, n.10 (1913) 26.

**9731** RGS, Tupanciretan, NWH, in campestribus dumosis, 29.1.1942, fr., det. Swallen.

**Habit:** Up to 1,5 m high.

**Habitat:** Shrubby Campos.

**Distribution in RGS:** Northeastern Highlands.

**General distribution:** From Minas Gerais to RGS.

**Panicum bergii** Arech., Gram. Urug. (1894) 127; Ekman, Ark. f. Bot. 11,n.4 (1912) 19; idem, Ark. f. Bot. 13,n.10 (1913) 25; Herter, Flor. Urug. (1930) 29; Cabrera, Flora. Alfred. B. Aires (1953) 100.

**9845** RGS, Tupanciretan, NWH, in campestribus siccis, 29.1.1942, fr., det. Swallen.

**9998** RGS, Ijuinho p. Tupanciretan, NWH, in campestribus siccis, 30.1.1942, fr., det. Swallen.

**26670** RGS, Parecí p. Montenegro, NEL, in campestribus siccis, 1944, ster. leg. E. Henz SJ.

28337 RGS, Nonoai, NWU, in campestribus siccis, 3.1945, fr.

32956 Uruguay, Soriano, in campestribus siccis, 1.1944, fr., leg. et det. B. Rosengurttt.

44499 RGS, Granja Neugebauer p. Itapoan, NEL, in campestribus alte graminosis, 19.11.1949, fr., det. A. Beetle.

58607 RGS, Estação de Silvicultura p. Sta Maria, CL, in campestribus siccis, 10.1.1956, fr., leg. O. Camargo 26.

**Habit:** Vigorous bunches, up to 75 cm high.

**Habitat:** Dry, shrubby, Campos.

**Distribution in RGS:** Northwestern Highlands, northeastern Lowlands.

**General distribution:** From Paraná to RGS, Uruguay and B. Aires.

**Panicum boliviense** Hack.,

Reitz, Sellowia 7 (1956) 104.

7455 RGS, S. Leopoldo, NEL, in campestribus dumosis, 1907, fr., leg. F. Theissen SJ, det. Swallen ("brasiliense").

38538 RGS, ibidem, 4.12.1948, fr.

38765 RGS, Conceição p. Caí, NEL, in campestribus dumosis, 14.12.1948, fr.,

41663 RGS, S. Leopoldo, NEL, in umbrosis dumosis, 21.5.1949, fr., det. Swallen.

41892 RGS, Reutersberg p. Novo Hamburgo, NES, in secundariis, 6.6.1949, fr.

41988 RGS, Morro Santana p. P. Alegre, NEL, in dumosis secundariis, 15.6.1949, fr.

46923 RGS, ad fl. Capivarí p. Palmares, NEC, in campestribus dumosis, 24.4.1950, fr.

58045 SC, Caixa d'Água p. Itajaí, in dumosis, 18.3.1954, fr., leg. R. Reitz 8310, det. Swallen.

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

**Habitat:** Edge of forest, Campos woodlets.

**Distribution in RGS:** Northeastern Lowlands and sea coast.

**General distribution:**

**Panicum chloroticum** Nees, in Trinii Diss. 2 ( ) 236; Döll 2,2 (1877) 197; Herter, Flor. Urug. (1930) 29.

1063 RGS, S. Leopoldo, NEL, in paludosis, 6.4.1935, leg. C. Orth SJ, det. Chase.

1957 RGS, ibidem, in arenosis, 4.10.1934, fr., leg. C. Orth SJ, det. Swallen.

**40614** RGS, Esteio p. P. Alegre, NEL, in humidis graminosis, 23.3.1949, fr., det. Swallen.

**40742** RGS, Cristal p. P. Alegre, NEL, in paludosis, 31.3.1949, fr., det. Swallen.

**40996** RGS, ad fl. Gravataí inferius p. P. Alegre, NEL, in paludosis, 10.4.1949, fr., det. Swallen.

**41130** RGS, Ilha da Pintada p. P. Alegre, NEL, in paludosis graminosis, 20.4.1949, fr., det. Swallen.

**46924** RGS, ad fl. Capivarí p. Palmares, NEL, in humidis graminosis, 24.4.1950, fr.

**Habit:** Moderately hick bunches, ascending to erect, 40 cm high.

**Habitat:** Wet to swampy places.

**Distribution in RGS:** Northeastern Lowlands.

**General distribution:** From Amazonia to Uruguay.

*Panicum cyanescens* Nees, Agrost. Bras. (1829) 220; Döll, FB 2,2 (1877) 262; Ekman, Ark. f. Bot. 13,n.10 (1913) 29; Herter, Flor. Urug. (1930) 29; Reitz, Sellowia 7 (1956) 104.

**31768** SC, Sombrio p. Araranguá, in arenosis subhumidis, 7.2.1946, fr., det. Swallen.

**43896** RGS, Ad fl. Caí inferius p. P. Alegre, NEL, in arenosis dumosis, 12.10.1949, fr.

**Habit:** Loosely cespitose, 30 cm high.

**Habitat:** Moderately wet places.

**Distribution in RGS:** Northeastern Lowlands.

**General distribution:** From Amazonia to Uruguay.

*Panicum decipiens* Nees, Agrost. Bras. (1829) 193; Döll, FB 2,2 (1877) 237; Ekman, Ark. f. Bot. 13,n.10 (1913) 27; Malme, Sv. Bot. Tidskr. 30 (1936) 10; Cabrera, Fl. Alred. B. Aires (1953) 99, fig. 28B; Reitz, Sellowia 7 (1956) 104.

**1003** RGS, ad montem Steinkopf p. S. Leopoldo, NEL, in arenosis subhumidis, 8.8.1934, fr., leg. C. Orth SJ, det. Parodi (Chase: *P. milioides* Nees).

**8886** RGS, Serra da Rocinha p. Bom Jesus, NEH, in campestribus subturfosis, 15.1.1942, fr., det. Parodi.

**9846** RGS, Tupanciretan NWH, in campestribus alte graminosis, 29.1.1942, fr.

**37969** RGS, Ponta Grossa p. P. Alegre, NEL, in arenosis humidis, 14.11.1948, fr.

**38180** RGS, Sapucaia p. S. Leopoldo, NEL, in arenosis subhumidis, 22.11.1948, fr., det. Swallen.

- 39914** RGS, ad montem Ferrabraz p. Novo Hamburgo, NEL, in dumosis secundariis, 12.1.1949, fr.
- 40990** RGS, ad fl. Gravataí inferius p. P. Alegre, NEL, in campestribus subhumidis, 10.4.1949, fr., det. Swallen.
- 45750** RGS, Sta Rita p. Farroupilha, NEH, in campestribus dumosis, 7.2.1950, fr.
- 54323** RGS, Fachinal Preto p. Bom Jesus, NEH, in campestribus humidis, 29.1.1950, fr., leg. R. Reitz, det. Swallen.
- 57029** RGS, ad montem Sapucaia p. S. Leopoldo, NEL, in alte graminosis, 26.10.1955, fl.
- 57133** RGS, Esteio p. S. Leopoldo, NEL, in graminosis, 14.11.1955, fl.
- 57543** RGS, Vila Manresa p. P. Alegre, NEL, in alte graminosis, 19.11.1955, fl.
- 60384** RGS, Estação de Silvicultura p. Sta Maria, CL, in graminosis, 8.4.1956, fr., leg. O. Camargo 577.
- 60606** RGS, Farroupilha, NEH, in graminosis, 7.5.1957, fl., fr., leg. O. Camargo 1362.

**Habit:** Dense bunches, up to 40 cm high.

**Habitat:** Moderately dry Campos.

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

**General distribution:** From Goiás and Minas Gerais to Uruguay and B. Aires.

*Panicum demissum* Trin., Spec. Gram. 27 ( ) tab. 319; Döll, FB 2,2 (1877) 256; Ekman, Ark. F. Bot. 11,n.4 (1912) 23; idem, Ark. f. Bot. 13, n.10 (1913) 28; Malme, Sv. Bot. Tidskr. 30 (1936) 10; Herter, Flor. Urug. (1930) 29.

**6959** SC, Lages, in siccis incultis, 1935, fr., leg. A. Bruxel SJ, det. Swallen.

**34131** RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus siccis, 15.1.1947, fr.

**38162** RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus dumosis, 20.11.1948, fr.

**39116** RGS, Itapoan p. P. Alegre, NEL, in arenosis siccis graminosis, 22.12.1948, fr., det. Swallen.

**41003** RGS, ad fl. Gravataí inferius p. P. Alegre, NEL, in campestribus subsiccis, 10.4.1949, fr.

**44342** RGS, ibidem, 11.11.1949, fr.

**59380** RGS, Farroupilha, NEH, in graminosis siccis, 25.11.1956, fr., leg. O. Camargo 1006.

**Habit:** Prostrate to ascending, culms up to 40 cm long.

**Habitat:** Dry to moderately wet Campos.

**Distribution in RGS:** Northeastern Lowlands and Highlands.

**General distribution:** From Minas Gerais to Uruguay.

**Panicum dusenii** Hack., Fedde Rep. 8 (1910) 513; Ekman, Ark. f. Bot. 13, n.10 (1913) 26.

**41695** RGS, Schwabenschneis p. Novo Hamburgo, NES, in dumosis secundariis, 25.5.1949, fr., det. Swallen.

**59730** RGS, Farroupilha, NEH, ad silvam, 28.5.1956, fr., leg. O. Camargo 685.

**Habit:** Vigorous, recumbent, up to 1,5 m high.

**Habitat:** Edge of forest, secondary growth.

**Distribution in RGS:** Northeastern rainforest belt and Highlands.

**General distribution:** Paraná, RGS.

**Panicum elephantipes** Nees, Agrost. Bras. (1829) 165; Döll, FB 2,2 (1877) 196; Cabrera, Fl. Alred. B. Aires (1953) 98, frg. 28H.

**2870** RGS, Granja Boa Vista p. P. Alegre, NEL, in paludosis, 16.12.1937, fr. leg. C. Orth SJ, det. Parodi.

**2901** RGS, S. Borja, SW, in humidis alte graminosis, 1943, fr., leg. Fr. Baglione.

**33539** RGS, S. Leopoldo, NEL, in humidis dumosis, 10.4.1946, fr., leg. E. Henz SJ.

**39759** RGS, Parecí p. Montenegro, NEL, in subpaludosis dumodis, 14.1.1949, fr.

**40982** RGS, ad fl. Gravataí inferius p. P. Alegre, NEL, in paludosis dumosis, 10.4.1949, fr. det. Swallen.

**43299** RGS, Estação Azevedo p. Montenegro, NEL, in paludosis alte dumosis, 5.9.1949, fr.

**Habit:** Vigorous, culms floating, up to 2 m long.

**Habitat:** Swampy thickets.

**Distribution in RGS:** Central and northeastern Lowlands.

**General distribution:** From Pará to RGS.

**Panicum fultum** Hack., Fedde Rep. 6 (1909) 342; Herter, Flor. Urug. (1930) 29; Cabrera, Fl. Alred. B. Aires (1953) 98; Reitz, Sellowia 7 (1956) 104.

**849** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis, 5.10.1933, leg. C. Orth SJ, det. Chase.

**Habit:** Erect, 20-30 cm high.

**Habitat:** Dry Campos.

**Distribution in RGS:** Northeastern Lowlands.

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

**Panicum glutinosum** Swatz, Prodomus ( ) 24; Döll, FB 2,2 (1877) 226; Ekman, Ark. f. Bot. 13,n.10 (1913) 26; Malme, Sv. Bot. Tidskr. 30 (1936) 10; Reitz, Sellowia 7 (1956) 104.

6988 SC, Lages, in alte dumosis, 1935, fr., leg. A. Bruxel SJ, det. Swallen.

7027 SC, ibidem, 1935, fr., leg. A. Bruxel SJ, det. Swallen.

28343 RGS, Nonoai ad fl. Uruguay, NEU, in silva campestri, 3.1945, fr., det. Swallen.

40548 RGS, Sapucaia p. S. Leopoldo, NEL, in dumosis, 17.3.1949, fr.

40950 RGS, ad montem das Cabras p. S. Leopoldo, in silva campestri, 8.4.1949, fr., det. Swallen.

41040 RGS, Morro Agudo p. P. Alegre, NEL, in campestribus alte dumosis, 13.4.1949, fr., det. Swallen.

41438 RGS, Estação Azevedo p. Montenegro, NEL, in dumosis, 6.5.1949, fr. det. Swallen.

46317 RGS, Cristo Rei p. S. Leopoldo, NEL, in silvula campestri, 17.3.1950, fr.

46404 RGS, Gramado p. Canela, NEH, in araucarieto, 20.3.1950, fr.

46471 RGS, Lagoa da Pinguela p. Osório, NEC, in secundariis, 27.3.1950, fr.

51144 Paraná, Tunas p. Bocaiuva, ad silvam, 4.2.1950, fr., leg. G. Hatschbach 1810, det. Parodi.

52294 Matinhos p. Paranaguá, in dumosis, 7.3.1951, fr., leg. G. Hatschbach 2138, det. Parodi.

55628 SC, in insula Florianópolis, in dumosis, 12.3.1952, fr., leg. R. Reitz 5239, det. Swallen.

58937 RGS, Estação de Silvicultura p. Sta Maria, CL, in silvicis semi-scandens, 3.2.1956, fl., leg. O. Camargo 205.

60383 RGS, ibidem, 8.4.1956, fr. leg. O. Camargo 602.

**Habit:** Vigorous, recumbent, branches up to 2 m long.

**Habitat:** Edge of the forest, secondary growth.

**Distribution in RGS:** Apparently through the whole of the northern forest area and sea coast.

**General distribution:** From Amazonia to RGS.

**Panicum gouini** Fourn., Mex. Pl. 2 (1886) 28; Herter, Flor. Urug. (1930) 29; Cabrera, Fl. Alred. B. Aires (1953) 100, fig. 28C, Reitz, Sellowia 7 (1956) 104.

842 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus subpaludosis, 15.10.1933, fr., leg. C. Orth SJ, det. L. Parodi.

**Habit:** Vigorous, erect, up to 50 cm high.

**Habitat:** Swampy places.

**Distribution in RGS:** No other findplaces.

**General distribution:** Southern USA to Uruguay and B. Aires.

**Panicum grumosum** Nees, Agrost. Bras. (1829) 182; Döll, FB 2,2 (1977) 208; Ekman, Ark.f. Bot. 11,n.4 (1912) 18; idem, Ark. f. Bot. 13,n.10 (1913) 25; Herter, Flor. Urug. (1930) 29; Cabrera, Fl. Alred. B. Aires (1953) 98, fig. 28D; Reitz Sellowia 7 (1956) 104.

**869** RGS, Vila Manresa p. P. Alegre, NEL, in paludosis alte dumosis, 10.10.1933, fr., leg. C. Orth SJ, det. Parodi.

**1099** RGS, S. Leopoldo, NEL, in paludosis alte dumosis, 13.10.1934, fr., leg. C. Orth SJ, det. Chase.

**7022** SC, Lages, in paludosis herbosis, 1935, fr., leg. A. Bruxel SJ, det. R. Swallen.

**39312** RGS, Campo do Varejão p. Itapoan, NEL, in paludosis alte dumosis, 29.12.1948, fr.

**39336** RGS, Belém Novo p. P. Alegre, NEL, in paludosis alte graminosis, 31.12.1948, fr.

**41748** RGS, Estação Azevedo p. Montenegro, NEL, in paludosis alte cyperaceis, 6.5.1949, fr.

**44306** RGS, Esteio p. S. Leopoldo, NEL, in paludosis alte dumosis, 8.11.1949, fr.

**49217** RGS, Parecí p. Montenegro, NEL, in paludosis alte dumosis, 26.11.1950, fr.

**57243** RGS, Esteio p. S. Leopoldo, NEL, in humidis alte graminosis, 11.11.1955, fl.

**Habit:** Erect, up to 1,5 m high.

**Habitat:** Swampy plains, often dominant.

**Distribution in RGS:** Lowlands.

**General distribution:** South Brazil to Uruguay and B. Aires.

**Panicum gynerioides** (Gris.) Pilger,

**1105** RGS, Novo Hamburgo, NEL, in paludosis alte dumosis, 20.10.1934, fr., leg. C. Orth SJ, det. Chase, Parodi.

**57236** RGS, Esteio p. S. Leopoldo, NEL, ad rivum in alte dumosis, 11.11.1955, fl.

**62627** RGS, P. Alegre, NEL, in paludosis, 2.11.1957, fl., leg. O. Camargo 2417.

**Habit:** Large grayish-green bunches, culms up to 2 m high.

**Habitat:** Swampy thickets.

**Distribution in RGS:** Northeastern Lowlands.

**General distribution:**

**Paspalum hebotes** Trin., Act. Petrop. ( ) 301; Döll, FB 2,2 (1877) 252.

**1938** RGS, Amaral Ribeiro p. Novo Hamburgo, NEL, in arenosis dumosis, 4.10.1934, fr., leg. C. Orth SJ, det. Chase.



**Habit:** Slender, recumbent, branches up to 1 m long.

**Habitat:** Secondary growth.

**Distribution in RGS:** Not other findplace.

**General distribution:** From Minas Gerais to RGS.

**Panicum helobium** Mez, ap. Ekman, Ark. f. Bot. 11,n.4 (1912) tab.1; idem, Ark. f. Bot. 13., n.10 (1913) 30; Malme, Sv. Bot. Tidskr. 30 (1936) 10; Cabrera, Fl. Alred. B. Aires (1953) 99; Reitz, Sellowia 7 (1956) 104.

**1925** RGS, S. Leopoldo, NEL, in stagno, 4.1.1934, fr., leg. C. Orth SJ, det. Chase, Swallen.

**6960** SC, Lages, in stagnosis, 1935, fr., leg. A. Bruxel SJ, det. Swallen.

**8772** RGS, Bom Jesus, in stagno, 15.1.1942, fr., det. Swallen.

**31452** SC, Sombrio p. Araranguá, in stagnosis, 31.1.1946, fr., det. Swallen.

**32349** RGS, Tainhas p. S. Francisco de Paula, NEH, in paludosis, 17.2.1946, fl., det. Swallen.

**32419** RGS, Serra da Rocinha p. Bom Jesus, NEH, in paludosis, 28.2.1946, fr., det. Swallen.

**35163** RGS, Fazenda da Ronda p. Vacaria, NEH, in stagno, 15.1.1947, fr.

**40362** RGS, Sta Rita p. Farroupilha, NEH, in stagnosis, 28.1.1949, fr.

**44892** RGS, S. Francisco de Paula, NEH, in paludosis, 18.12.1949, fr.

**45567** RGS, Taimbesinho p. S. Francisco de Paula, NEH, in sphagneto, 30.1.1950, fr.

**54921** Vila Oliva p. Caxias, NEH, in stagnosis, 24.2.1954, fr.

**55362** SC, Massiambú p. Palhoça, in stagnosis, 5.2.1953, fr., leg. R. Reitz 7164, det. Swallen.

**55363** SC, Serra da Boa Vista p. S. José, 2.2.1953, fr., leg. R. Reitz 7163, det. Swallen.

**56931** RGS, Caracol p. Canela, NEH, in stagno, 19.11.1955, fl., fr., leg. K. Emrich.

**58566** RGS, Taimbesinho p. S. Francisco de Paula, NEH, in stagno, 12.2.1956, fr.

**58940** RGS, Estação de Silvicultura p. Sta Maria, CL, in stagnosis, 28.2.1956, fr., leg. O. Camargo 40.

**62854** RGS, Bom Jesus, NEH, in stagno, 6.1.1958, fl., leg. O. Camargo 3112.

**64560** RGS, Fazenda do Arroio p. Osório, NEC, in stagno, 23.1.1958, fl., fr.

**Habit:** Erect to floating.

**Habitat:** Stagnant, more or less perennial ponds, often dominant.

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

**General distribution:** From Paraná to RGS, Uruguay and B. Aires.

**Panicum latiglume** Döll, FB 2,2 (1877) 257; Herter, Flor. Urug. (1930) 29; Reitz, Sellowia 7 (1956) 104.

**38181** RGS, Sapucaia p. S. Leopoldo, NEL, in alte dumosis, 22.11.1948, fr., det. Swallen.

**44638** RGS, Vila Oliva p. Caxias, NEH, in dumosis secundariis, 3.12.1949, fr.

**54532** RGS, Taimbesinho p. S. Francisco de Paula, NEH, ad rivum in rupestribus humidis, 13.11.1953, fr., det. Swallen (aff. latiglume).

**55891** RGS, Fazenda do Arroio p. Osório, NEC, in arenosis dumosis, 3.10.1954, fl., det. Parodi, Swallen.

**56050** RGS, Vila Manresa p. P. Alegre, NEL, in alte graminosis, 19.11.1954, fr., det. Parodi (Swallen: P. sabulorum Lam.).

**57130** RGS, Esteio p. S. Leopoldo, NEL, in graminosis, 14.11.1955, fr.

**57223** RGS, Vila Manresa p. P. Alegre, NEL, in graminosis, 15.10.1955, fl.

**57444** RGS, in summo monte Sapucaia p. S. Leopoldo, NEL, in dumosis, 9.10.1955, fr.

**59525** RGS, Farroupilha, NEH, in siccis graminosis, 26.9.1956, fr., leg. O. Camargo 808.

**62006** RGS, Taquarí, NEL, in incultis, 14.12.1957, fl., leg. O. Camargo 2973.

**62064** RGS, Bento Gonçalves, NEH, in dumosis, 6.10.1957, fl., leg. O. Camargo 1970.

**Habit:** Prostrate to ascending, grayish-green, up to 50 cm high.

**Habitat:** Dry, more or less open, places.

**Distribution in RGS:** Apparently over the whole of the open area.

**General distribution:** SC and RGS.

**Panicum laxum** Swartz, Prodr. (1788) 23; Döll, FB 2,2 (1877) 212; Ekman, Ark.f. Bot. 11,n.4 (1912) 19; idem, Ark.f. Bot. 13,n.10 (1913) 25; Herter, Flor. Urug. (1930) 29; Cabrera, Flor. Alred. B. Aires (1953) 98, Fig. 28L; Reitz, Sellowia 7 (1956) 104.

**1924** RGS, S. Leopoldo, NEL, in campestribus dumosis, 30.3.1935, fr., leg. C. Orth SJ, det. Chase, Parodi, Beetle.

**6952** SC, Lages, in campestribus graminosis, 1935, fr., leg. A. Bruxel SJ, det. Swallen.

**33055** RGS, Parecí p. Montenegro, NEL, in campestribus arenosis, 28.12.1945, fr., leg. A. Strieder SJ, det. Swallen.

**39941** RGS, ad montem Ferrabraz p. Novo Hamburgo, NEL, in dumosis, 12.1.1949, fr., det. Swallen.

**40116** RGS, Guaíba p. P. Alegre, NEL, in arenosis, 24.1.1949, fr., det. Beetle.

**40131** RGS, ibidem, 24.1.1949, fr., det. Swallen.

**40981** RGS, ad fl. Gravataí inferius p. P. Alegre, NEL, in campestribus subsiccis, 10.4.1949, fr., det. Swallen.

**41069** RGS, in humidis alte graminosis, 18.4.1949, fr., det. Swallen.

**55383** SC, Ascurra p. Rodeio, ad viam, 11.6.1953, fr., leg. R. Reitz 7136, det. Swallen.

**Habit:** Prostrate to ascending, slender, branches up to 50 cm long.

**Habitat:** Dry shady places among shrubs and trees.

**Distribution in RGS:** Northeastern Lowlands.

**General distribution:** From Amazonia to Uruguay and B. Aires.

*Panicum maximum* Jacq., Collect. 1 ( ) 76; Döll, FB 2,2 (1877) 202; Ekman, Ark.f.Bot. 13, n.10 (1913) 25; Reitz, Sellowia 7 (1956) 104.

**1016** RGS, Sapucaia p. S. Leopoldo, NEL, in incultis dumosis, 15.6.1934, fr., leg. C. Orth SJ, det. Chase, Parodi.

**32662** RGS, Parecí p. Montenegro, NEL, in dumosis secundariis, 22.10.1945, fr.

**40916** RGS, ad montem das Cabras p. S. Leopoldo, in silva secundaria, 8.4.1949, fr., det. Swallen.

**41210** RGS, Instituto Borges de Medeiros p. P. Alegre, NEL, ad rivum in dumosis, 4.1949, fr., leg. G.C.Leal.

**52617** SC, Cedro p. Criciúma, ad flumen in dumosis, 30.11.1943, fr., leg. R. Reitz 1018, det. Serviço Florestal.

**Habit:** Culms up to 1,5 m high.

**Habitat:** Among shrubs and in secondary growth.

**Distribution in RGS:** Northeastern Lowlands.

**General distribution:** From Amazonia to RGS.

*Panicum milioides* Nees, Agrost.Bras. (1829) 175; Herter, Flor. Urug. (1930) 29; Cabrera, Flor. Alred. B. Aires (1953) 99. — *P. hians* Elliott Bot. Carol. et Georg. 1 ( ) 118; Döll, FB 2,2 (1877) 240; Ekman, Ark.f.Bot. 11,n.4 (1912) 21.

**6993** SC, Lages, in campestribus siccis, 1935, fr., leg. A. Bruxel SJ, det. Swallen.

**28279** RGS, Nonoai ad fl. Uruguay, NWU, in campestribus siccis graminosis, 3.1945, fr.

**33196** RGS, Vila Oliva p. Caxias, NEH, in campestribus subhumidis, 16.1.1946, fr.

**33428** RGS, S. Leopoldo, NEL, in campestribus siccis graminosis, 17.6.1946, fr., det. Beetle.

37387 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis, 5.7.1948, fr.

44341 RGS, ad fl. Gravataí inferius p. P. Alegre, NEL, in campestribus siccis, 11.11.1949, fr.

55994 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus graminosis, 19.11.1954, fr., det. Parodi (Swallen: *P. schenkii* Hack.)

59381 RGS, Farroupilha, NEH, in dense graminosis, 15.11.1956, fl., leg. O. Camargo 932.

**Habit:** Culms slender, 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.

**General distribution:** From Paraná to RGS, Uruguay and B. Aires.

*Panicum millegrana* Poir., *Encycl. Méth.* 4 ( ) 278; Ekman, *Ark. f. Bot.* 11, n.4 (1912) 23; idem, *Ark.f.Bot.* 13, n.10 (1913) 29; Reitz, *Sellowia* 7 (1956) 104. — *Panicum rugulosum* Trin., *Diss.* 2 ( ) 194; Döll, *FB* 2,2 (1877) 258.

2717 RGS, Kappesberg p. Montenegro, NES, in dumosis, 4.1.1936, fr., leg. C. Orth SJ, det. Chase.

28637 RGS, Nonoai, ad fl. Uruguay, NWU, in silva campestri, 3.1945, fr., det. Swallen.

30233 Uruguay, Treinta y Tres, ad silvulam in umbrosis, 3.1945, fr. leg. B. Rosengurt B-4819, det. Parodi.

46480 RGS, Lagoa da Pinguela p. Osório, NEC, in silva secundaria, 27.3.1950, fr., det. Parodi.

55084 RGS, Vila Oliva p. Caxias, NEH, in dumosis, 24.2.1954, fr., det. Swallen.

56613 RGS, ibidem, 8.2.1955, fr., det. Parodi.

56746 RGS, ibidem, 8.2.1955, fr., det. Parodi.

60275 RGS, Farroupilha, NEH, in dumosis, 14.1.1957, fr., leg. O. Camargo 1082.

63085 RGS, Pelotas, SEC, in alte graminosis, 11.3.1956, fl., leg. Schlichting.

**Habit:** Vigorous, recumbent, branches up to 1,5 long.

**Habitat:** Edge of forest, secondary growth.

**Distribution in RGS:** Northeastern quadrant.

**General distribution:** Amazonia to RGS.

#### ***Panicum missionum* Mez,**

857 RGS, Vila Manresa p. P. Alegre, NEL, ad silvam in umbrosis, 16.10.1933, fr., leg. C. Orth SJ, det. Chase.

8738 RGS, Serra da Rocinha p. Bom Jesus, NEH, in campestribus alte graminosis, 14.1.1942, fr., det. Swallen.

**9808** RGS, Tupanciretan, NWH, in dumosis, 29.1.1942, fr., det. Swallen.

**27809** São Paulo, Campos do Jordão, in campestribus, 1.1944, fr., leg. E. Friderichs SJ, det. Swallen.

**36459** RGS, Cambará p. S. Francisco de Paula, NEH, in campestribus alte graminosis, 2.1948, fr., det. Swallen.

**55059** RGS, Vila Oliva p. Caxias, NEH, in dumosis, 24.2.1954, fr., det. Swallen.

**55088** RGS, ibidem, 24.2.1954, fr., det. Swallen.

**Habit:** Ascending to erect, rooting at the lower joints, branches up to 40 cm long.

**Habitat:** Edge of the forest, secondary growth.

**Distribution in RGS:** Apparently over the whole of the northern half of the State.

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

***Panicum numidianum* Lam.,**

**1062** RGS, S. Leopoldo, NEL, in incultis, 10.8.1934, fr., leg. C. Orth SJ, det. Chase.

**Habit:** Culms up to 2 m high.

**Habitat:** On formerly cultivated soil.

**Distribution in RGS:** Only findplace.

**General distribution:**

***Panicum olyroides* H.B.K.,** Nov. Gen. et Spec. 1 ( ) 102; Döll, FB 2,2 (1877) 229; Ekman, Ark.f.Bot. 11,n.4 (1912) 21; Ekman, Ark.f.Bot. 13, n.10 (1914) 27.

**41286** RGS, Morro da Sta Teresa p. P. Alegre, NEL, in campestribus siccis, 29.4.1949, fr., det. Swallen.

**44477** RGS, Granja Neugebauer p. Itapoan, NEL, in campestribus siccis alte graminosis, 19.11.1949, fr., det. Swallen.

**Habit:** Erect, stiff, 50 cm high.

**Habitat:** Dry Campos.

**Distribution in RGS:** Granitic hills of P. Alegre.

**General distribution:** From Goiás to RGS.

***Panicum ovuliferum* Trin.,** Diss. 2 ( ) 191; Döll, FB 2,2 (1877) 226; Ekman, Ark. f. Bot. 13,n.10 (1913) 26.

**2722** RGS, Kappesberg p. Montenegro, NES, in secundariis, 4.1.1936, fr., leg. C. Orth SJ, det. Chase.

**28796** RGS, Caracol p. Canela, NEH, in dumosis, 2.1945, fr., leg. K. Emrich.

**42302** Langschneis p. Montenegro, NES, in dumosis, 2.7.1949, fr.  
**60825** RGS, Sta Rita p. Farroupilha, NEH, in dumosis, 18.5.1957, fr.,  
 leg. O. Camargo 1472.

**64225** SC, S. Joaquim, 10.1.1958, fl., leg. J. Mattos.

**64226** SC, ibidem, 10.1.1958, fl., leg. J. Mattos.

**Habit:** Vigorous, recumbent, branches up to 1,5 high.

**Habitat:** Edge of forest, secondary growth.

**Distribution in RGS:** Northeastern forest belt and Highlands.

**General distribution:** From Minas Gerais to RGS.

**Panicum paludivagum** Hitchc. et Chase,

**730** RGS, Lagoa dos Barros p. Osório, NEC, in lacu fluitans, 3.2.1933,  
 fr., leg. C. Orth SJ, det. Swallen.

**Habit:** Branches long, floating.

**Habitat:** Shallow freshwater lake.

**Distribution in RGS:** Northeastern sea coast.

**General distribution:** RGS, Uruguay.

**Panicum pantrichum** Hack.,

Reitz, Sellowia 7 (1956) 104.

**1018** RGS, S. Leopoldo, NEL, in agro, 8.8.1934, fr., leg. C. Orth SJ,  
 det. Beetle.

**7452** RGS, ibidem, 1907, fr., leg. F. Theissen SJ, det. Swallen.

**41664** RGS, ibidem, in arenosis dumosis, 21.5.1949, fr., det. Swallen.

**Habit:** Slender, prostrate to ascending, branches up to 75 cm long.

**Habitat:** Dry, shrubby Campos.

**Distribution in RGS:** S. Leopoldo.

**General distribution:**

**Panicum pilosum** Swartz, Prodr. (1788) 22; Döll, FB 2,2 (1877) 210;  
 Ekman, Ark. f. Bot. 11,n.4 (1912) 19; idem, Ark.f.Bot. 13, n.10 (1913)  
 25; Herter, Flor. Urug. (1930) 29; reitz, Sellowia 7 (1956) 105.

**1022** SC, Itapiranga ad fl. Uruguay superius, in agro, 15.2.1934, fr.,  
 det. Chase.

**55338** SC, Anitápolis p. Palhoça, in dumosis, 2.4.1953, fr., leg. R.  
 Reitz 7194, det. Swallen.

**58043** SC, Caixa d'Água p. Itajaí, in humidis, 18.3.1954, fr., leg. R.  
 Reitz 8308, det. Swallen.

**58053** SC, Ibirama, ad silvam, 1.3.1954, fr., leg. R. Reitz 8331, det.  
 Swallen.

**Habit:** Erect, 40 cm high.

**Habitat:** Edge of forest, secondary growth.

**Distribution in RGS:** Near the northeasternmost frontier.

**General distribution:** From Piauí to Uruguay.

***Panicum polycladum*** Ekman, Ark. f. Bot. 11, n.4 (1912) 24, tab. 3. fig. 2.

**29194** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus alte graminosis, 12.9.1945, fr., det. Swallen.

**30733** RGS, Vila Oliva p. Caxias, NEH, in dumosis, 28.1.1946, fr.

**43981** RGS, Sapucaia p. S. Leopoldo, NEL, in campestribus alte dumosis, 19.10.1949, fr., det. Swallen.

**Habit:** Erect, 50 cm high.

**Habitat:** Dry, shrubby Campos.

**Distribution in RGS:** Northeastern Lowlands and Highlands.

**General distribution:** Misiones, RGS.

***Panicum polygonatum*** Schrad., in Schultes, Mant. 2 ( ) 256. – *Panicum pilosum* Swartz, var. *polygonatum* (Schrad.) Döll, FB 2,2 (1877) 211.

**1796** RGS, Vila Manresa p. P. Alegre, NEL, in humidis alte dumosis, 16.1.1935, fr., leg. C. Orth SJ, det. Chase.

**46329** RGS, Cristo Rei p. S. Leopoldo, NEL, in arenosis alte dumosis, 17.3.1950, fr.

**55347** SC, Massiambú p. Palhoça, in umbrosis dumosis, 12.3.1953, fr., leg. R. Reitz 7184, det. Swallen.

**Habit:** Prostrate to ascending and recumbent, branches up to 75 cm long.

**Habitat:** Shrubby Campos and secondary growth.

**Distribution in RGS:** Northeastern Lowlands.

**General distribution:** From Amazonia to RGS.

***Panicum procurrens*** Nees, Agrost. Bras. (1829) 130; Döll, FB 2,2 (1877) 271; Ekman, Ark.f.Bot. 11, n.4 (1912) 25; idem, Ark. f. Bot. 13, n.10 (1913) 30.

**6997** SC, Lages, in campestribus siccis, 1935, fr., leg. A. Bruxel SJ, det. Swallen.

**8771** RGS, Bom Jesus, NEH, in campestribus siccis, 15.1.1942, fr.

**8980** RGS, ibidem, 16.1.1942, fr.

**9466** RGS, Jarí p. Tupanciretan, NWH, in campestribus siccis, 27.1.1942, fr.

**10000** RGS, Ijuisinho p. Tupanciretan, NWH, in campestribus siccis, 30.1.1942, fr., det. Parodi.

**30734** RGS, Vila Oliva p. Caxias, NEH, in campestribus siccis, 28.1.1946, fr., det. Swallen.

**35139** RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus siccis, 15.1.1947 kr.

**35179** RGS, ibidem, 15.1.1947, fr.

**59023** RGS, Estação de Silvicultura p. Sta Maria, CL, in campestribus siccis, 12.2.1956, fr., leg. O. Camargo 168.

**Habit:** Erect, very elegant, 30 cm high.

**Habitat:** Dry Campos.

**Distribution in RGS:** Over the whole of the Highlands, not frequent.

**General distribution:** From Piauí to RGS.

**Panicum racemosum** Spreng., Syst.Veg. 1 (1825) 313; Herter, Flor. Urug. (1930) 30; Reitz, Sellowia 7 (1956) 105. — Döll, FB 2,2 (1877) 259; *P. reptans* Kunth, Rev. ( ) tab. 21; Malme, Sv. Bot. Tidskr. 30 (1936) 10.

**31890** SC, Sombrio p. Araranguá, in arenosis submobilibus, 9.10.1945, fr., leg. R. Reitz 1307.

**37988** RGS, Barra do Ribeiro p. P. Alegre, NEL, in arenosis dumosis, 14.11.1948, fr.

**44552** RGS, Osório, NEC, in arenosis submobilibus dumosis, 24.11.1948, fr.

**56452** RGS, Cidreira, NEC, in arenosis, 17.12.1954, fl.

**58037** SC, Barra do Sul p. Araquarí, in arenosis, 29.10.1953, fr., det. leg. R. Reitz 8289, det. Swallen.

**Habit:** Culms from a rhizome, up to 75 cm high.

**Habitat:** More or less mobile sand dunes.

**Distribution in RGS:** Along sea coast.

**General distribution:** From Rio de Janeiro to Uruguay and B. Aires.

**Panicum repens** L., Spec.Plant. 2 ed. (1762) 24; Ekman, Ark.f.Bot. 13,n.10 (1913) 24; Reitz, Sellowia 7 (1956) 105.

**30979** RGS, sine loco, sine die, fr.

**46320** RGS, Cristo Rei p. S. Leopoldo, NEL, in subpaludosis gramino-sis, 17.3.1950, fr., det. Parodi (cum?).

**Habit:** Culms 10 cm high.

**Habitat:** Wet sandy places.

**Distribution in RGS:** Northeastern Lowlands.

**General distribution:** Paraná to RGS.

**Panicum rhizogonum** Hack.,

Herter, Flor. Urug. (1930) 30; Reitz, Sellowia 7 (1956) 105.

**922** RGS, S. Leopoldo, NEL, ad silvam pluvialem, 5.11.1934, fr., leg. C. Orth SJ, det. Chase, Parodi.



- 35175 RGS, Fazenda da Ronda p. Vacaria, in dumosis, 15.1.1947, fr.  
 41883 RGS, Reutersberg p. S. Leopoldo, NES, in secundariis, 6.6.1949, fr., det. Swallen.  
 42280 RGS, ad montem Steinkopf p. S. Leopoldo, NEL, in silva rupestri, 28.6.1949, det. Swallen.  
 55421 SC, Massiambú p. Florianópolis, in arenosis, 12.3.1953, fr., leg. R. Reitz 7070, det. Swallen.  
 59675 RGS, Farrroupilha, NEH, in dumosis, 16.5.1956, fr., leg. O. Camargo 662.

**Habit:** Prostrate to ascending, rooting at the lower joints, branches up to 75 cm long.

**Habitat:** Edge of rain forest, secondary growth.

**Distribution in RGS:** Northeastern Lowlands, rain forest belt, and Highlands.

**General distribution:** From Paraná to RGS.

**Panicum rivulare** Trin., Diss 2 ( ) 213; Döll, FB 2,2 (1877) 208; Ekamn, Ark, f. Bot. 11,n.4 (1912) 18; Ark.f.Bot. 13, n.10 (1913) 25; Herter, Flor. Urug. (1930) 30.

10839 RGS, Cerro Largo p. S. Luiz, NWH, in paludosis alte dumosis, 1.1943, fr., leg. P. Buck SJ, det. Swallen.

32772 RGS, Parecí p. Montenegro, ad flumen in alte dumosis, 3.11.1945, fr., leg. E. Henz SJ.

38317 RGS, Esteio p. S. Leopoldo, NEL, in paludosis alte dumosis, 24.11.1948, fr., det. Swallen.

44089 RGS, Barreto Vianna p. S. Leopoldo, NEL, in paludosis alte dumosis 24.10.1949, fr.

62005 RGS, Taquarí, NEL, in humidis alte graminosis, 14.12.1957, fl., leg. O. Camargo 2968.

**Habit:** Robust, erect, up to 1,5 m high.

**Habitat:** Swampy thickets, often dominant.

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

**General distribution:** From Minas Gerais to Uruguay.

**Panicum sabulorum** Lam., Encycl. Méth. 4 (1798) 744; Herter, Flor. Urug. (1930) 30; Cabrera, Fl. Alred. B. Aires (1953) 99, fig. 28J; Reitz; Sellowia 7 (1956) 105.

1014 RGS, S. Leopoldo, NEL, in arenosis siccis graminosis, 5.10.1934, fr., leg. C. Orth SJ, det. Parodi (Chase: P. latiglume Döll).

6748 SC, Florianópolis, in arenosis submobilibus, 1935, fr., leg. A. Bruxel SJ, det. Swallen.

26512 RGS, Parecí p. Montenegro, NEL, in arenosis alte graminosis, 1944, fr., leg. E. Henz SJ.

- 29528 RGS, Sapucaia p. S. Leopoldo, NEL, in dumosis umbrosis, 5.9.1945, fr., det. Swallen.
- 29573 RGS, Parecí p. Montenegro, NEL, in arenosis graminosis, 3.10.1956, fr., leg. E. Henz SJ.
- 31893 SC, Sombrio p. Araranguá, in arenosis graminosis, 9.10.1945, fr., leg. R. Reitz 1292, det. Swallen.
- 33501 RGS, S. Leopoldo, NEL, in campestribus alte graminosis, 17.7.1946, fl., leg. E. Henz SJ.
- 36460 RGS, Cambará p. S. Francisco de Paula, NEH, in campestribus graminosis, 2.1948, fr., det. Swallen.
- 38536 RGS, S. Leopoldo, NEL, in campestribus, 4.12.1948, fr.
- 39854 RGS, ad montem Ferrabraz p. Novo Hamburgo, NEL, in arenosis dumosis, 12.1.1949, fr.
- 41342 RGS, Morretes p. P. Alegre, NEL, in arenosis graminosis, 2.5.1949, fr.
- 44279 RGS, Sapucaia p. S. Leopoldo, NEL, in arenosis graminosis, 5.11.1949, fr.
- 44387 RGS, Fiação p. S. Leopoldo, NEL, in arenosis dumosis, 14.11.1949, fr.
- 45382 RGS, Serra da Rocinha p. Bom Jesus, NEH, in rupestribus subhumidis, 18.1.1950, fr., det. Parodi (cum?).
- 46152 RGS, Fazenda do Arroio p. Osório, NEC, in arenosis graminosis, 6.3.1950, fr.
- 46162 RGS, ibidem, 6.3.1950, fr., det. Parodi.
- 56468 RGS, Torres, NEC, prope litus in arenosis, 19.1.1955, fr.
- 57011 RGS, in summo monte Sapucaia, p. S. Leopoldo, NEL, in rupestribus graminosis, 26.10.1955, fr.
- 57015 RGS, ad montem Sapucaia p. S. Leopoldo, NEL, in alte graminosis, 26.10.1955, fr.
- 57028 RGS, ibidem, 26.10.1955, fr.
- 57136 RGS, Vila Manresa p. P. Alegre, NEL, in graminosis, 4.11.1955, fr.
- 57209 RGS, ibidem, 22.10.1955, fl.
- 57210 RGS, ibidem, 22.10.1955, fr.
- 57211 RGS, ibidem, 22.10.1955, fr.
- 57213 RGS, ibidem, 15.10.1955, fr.
- 57241 RGS, Esteio p. P. Alegre, NEL, in alte graminosis, 11.11.1955, fr.
- 58939 RGS, Estação de Silvicultura p. Sta Maria, CL, in siccis graminosis, 1.3.1956, fr., leg. O. Camargo 103.
- 62578 RGS, Passo Fundo, CH, in campestribus tritis, 20.10.1957, fl., leg. O. Camargo 2160.
- 62579 RGS, ibidem, 20.10.1957, fl., leg. O. Camargo 2253.

**63380** RGS, Pelotas, SEC, in arenosis, 19.10.1954, fl., leg. J. Sacco 202.

**63383** RGS, Pelotas, SC, in arenosis, 5.10.1954, fl., leg. J. Sacco 187, det. Parodi.

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

**Habitat:** Dry, preferably sandy places.

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

**General distribution:** From Paraná to Uruguay.

*Panicum schenckii* Hack., österr. Bot. Zeitschr. 51 (1901) 426; Ekman, Ark.f.Bot. 11,n.4 (1912); 22; Reitz, Sellowia 7 (1956) 105.

**29376** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus dumosis, 3.11.1945, fr., det. Swallen (vel aff.).

**39261** RGS, Morro do Sabiá p. P. Alegre, NEL, ad flumen in paludosis, 28.12.1948, fr., det. Swallen.

**35143** RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus siccis, 15.1.1947, fr.

**41186** RGS, Ilha das Flores p. P. Alegre, NEL, in humidis graminosis, 22.4.1949, fr., det. Swallen.

**43761** RGS, Morro do Sabiá p. P. Alegre, NEL, ad flumen in humidis, 5.10.1949, fr., det. Swallen.

**Habit:** Thick bunches, up to 50 cm high.

**Habitat:** Dry to more or less wet places.

**Distribution in RGS:** Northeastern Lowlands and Highlands.

**General distribution:** From Paraná to Uruguay.

*Panicum secundum* Trin., Spec. Gram. ( ) tab. 234; Döll, FB 2,2 (1877) 194; Reitz, Sellowia 7 (1956) 105.

**2510** RGS, sine loco, sine die, det. Chase.

**47605** SC, in summo Morro do Baú p. Itajaí, in dumosis, 27.10.1947, fr., leg. R. Reitz 3057, det. Parodi.

**47708** SC, ibidem, 29.1.1948, leg. R. Reitz 2982, det. Parodi.

**50787** SC, Brusque, in dumosis, 20.9.1948, fr., leg. R. Reitz 3547, det. Swallen.

**50341** SC, ad montem Cambirela p. Florianópolis, in humidis dumosis, 18.7.1951, fr.

**Habit:** Culms erect, up to 50 cm high.

**Habitat:** Edge of forest, secondary growth.

**Distribution in RGS:** Unknown, probably northeastern Lowlands.

**General distribution:** From Rio de Janeiro to RGS.

**Panicum sellowii** Nees, *Agrost. Bras.* (1929) 153. – **P. rugulosum** Trin., *Diss.* 2 ( ) 195; Döll, *FB* 2,2 (1877) 258.

**1064** RGS, S. Leopoldo, NEL, in arenosis alte dumosis, 19.8.1934, fr., leg. C. Orth SJ, det. Swallen.

**2521** RGS, Sapucaia p. S. Leopoldo, NEL, ad silvam campestem, 13.4.1936, fr., leg. C. Orth SJ, det. Chase.

**39805** RGS, Parecí p. Montenegro, NEL, in silvam campestem, 14.1.1949, fr.

**40214** RGS, Sta Rita p. Farroupilha, NEH, in alte dumosis, 27.1.1949, fr., det. Swallen.

**40254** RGS, ibidem, 28.1.1949, fr., det. Swallen.

**40852** RGS, Granja Neugebauer p. Itapoan, NEL, in silvula campestri, 3.4.1949, fr.

**40922** RGS, ad montem das Cabras p. S. Leopoldo, NEL, in alte dumosis, 8.4.1949, fr., det. Swallen.

**41425** RGS, Estação Azevedo p. Montenegro, NEL, in silvula campestri. 6.5.1949, fr.

**41579** RGS, ad montem Ferrabraz p. Novo Hamburgo, NEL, in umbrosis, 16.5.1949, fr., det. Swallen.

**41738** RGS, Esteio p. S. Leopoldo, NEL, in silva campestri, 29.5.1949, fr. det. Swallen.

**41891** RGS, Reutersberg p. S. Leopoldo, NES, in silvula secundaria, 6.6.1949, fr., det. Swallen.

**42015** RGS, Morro Santana p. P. Alegre, NEL, in silvula campestri, 15.6.1949, fr.

**47049** RGS, Lagoa da Pinguela p. Osório, NEC, in umbrosis, 8.5.1950, fr.

**47094** RGS, Vila Manresa p. P. Alegre, NEL, in humidis alte dumosis, 15.5.1950, fr., det. Parodi.

**54961** RGS, Vila Oliva p. Caxias, NEH, in dumosis, 24.2.1954, fr., det. Swallen.

**56779** RGS, ibidem, 8.2.1955, fr., det. Parodi, Swallen.

**59696** RGS, Farroupilha, NEH, in alte dumosis, 21.5.1956, fr., leg. O. Camargo 683.

**Habit:** Robust, prostrate to ascending, recumbent, rooting at the lower joints, branches up to 1,5 m long.

**Habitat:** Edge of rain forest, secondary growth.

**Distribution in RGS:** Northeastern quadrant.

**General distribution:** From Amazonia to RGS.

**Panicum stigmatosum** Trin., *Diss.* 2 ( ) 194; Döll, *FB* 2,2 (1877) 225; Reitz, *Sellowia* 7 (1956) 105.

**1104** RGS, S. Leopoldo, NEL, in arenosis siccis, 10.10.1934, fr., leg. C. Orth SJ, det. Swallen.

- 32574 RGS, Parecí p. Montenegro, NEL, in arenosis dumosis, 30.10.1945, fr., det. Swallen.
- 32712 RGS, Vila Manresa p. P. Alegre, NEL, in umbrosis dumosis, 22.9.1948, fr., det. Swallen.
- 33865 RGS, ibidem, 3.10.1946, fr.
- 34205 RGS, ibidem, 16.10.1946, fr.
- 38758 RGS, Conceição p. Caí, NEL, in campestribus alte graminosis, 14.12.1948, fr., det. Swallen.
- 41528 RGS, Morro do Osso p. P. Alegre, NEL, in campestribus dumosis, 13.5.1949, fr., det. Swallen.
- 43613 RGS, Morro da Polícia p. P. Alegre, NEL, in umbrosis dumosis, 28.9.1949, fr., det. Swallen.
- 50719 SC, Campo dos Padres p. Bom Retiro, in campestribus dumosis, 20.12.1948, fr., leg. R. Reitz 2595, det. Swallen.
- 54457 RGS, Vila Manresa p. P. Alegre, NEL, in agro, 12.11.1953, fr., det. Swallen.
- 56342 RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in dumosis, 2.1.1955, fr., det. Parodi.
- 56818 RGS, Taimbesinho p. S. Francisco de Paula, NEH, in umbrosis, humidis, 16.2.1955, fr., det. Parodi.
- 57131 RGS, Esteio p. S. Leopoldo, NEL, in dumosis, 14.11.1955, fr.
- 59442 RGS, Farroupilha, NEH, in dumosis, 25.11.1956, fr., leg. O. Camargo 1008.
- 62762 RGS, P. Alegre, NEL, in campestribus, 1.11.1957, fl., leg. O. Camargo 2409.
- 62763 RGS, ibidem, 1.10.1957, fl., leg. O. Camargo 1837.

**Habit:** Prostrate to ascending, branches up to 50 cm high.

**Habitat:** Dry, shady places.

**Distribution in RGS:** Northeastern quadrant.

**General distribution:** From Minas Gerais to RGS.

*Panicum stoloniferum* Poir., *Encycl. Méthod, Suppl. 4* ( ) 274; Döll, *FB, 2,2* (1877) 209; Herter, *Flor. Urug.* (1930) 30.

37751 RGS, sine loco, sine die, ster.

38269 RGS, Esteio p. S. Leopoldo, 1947, fr., in dumosis, det. Swallen.

**Habit:** Ascending to recumbent, branches up to 50 cm high.

**Habitat:** Dry places among shrubs.

**Distribution in RGS:** Northeastern Lowlands.

**General distribution:** From Central America to Uruguay.

*Panicum subjunceum* Ekman, *Ark.f.Bot.* 10,n.17 (1911) 16, tab. 5, fig. 2; tab. 6, fig. 8.

2732 RGS, S. Leopoldo, NEL, in dumosis siccis, 23.10.1935, fr., leg. C. Orth SJ, det. Chase.

63370 RGS, Pelotas, SEC, in alte graminosis, 14.10.1954, fl., leg. Sacco, det. Parodi.

**Habit:** Robust, up to 1 m high.

**Habitat:** Among high shrubs.

**Distribution in RGS:** Widely scattered.

**General distribution:** From Paraná to RGS.

**Panicum superatum** Hack.,

53841 RGS, Serra da Rocinha p. Bom Jesus, NEH, in humidis dense graminosis, fr., det. Swallen.

**Habit:** Moderately thick bunches, erect, 30 cm high.

**Habitat:** Wet, grassy, campos.

**Distribution in RGS:** Northeastern Highlands.

**General distribution:**

**Panicum trichanthum** Nees, Agrost. Bras. (1829) 210; Döll, FB 2,2 (1877) 247.

4642 RGS, Estreito p. Marcelino Ramos, NWU, ad flumen in rupestribus, 16.2.1942, fr., det. Parodi.

41350 RGS, Morretes p. P. Alegre, NEL, in silvula riparia, 2.5.1949, fr., det. Swallen.

42068 RGS, Sapucaia p. S. Leopoldo, NEL, in silva campestri, 18.6.1949, fr.

45722 RGS, Farroupilha, NEH, in alte dumosis, 7.2.1950, fr.

49843 SC, Itapiranga ad fl. Uruguay superius, ad silvam pluvialem, 6.2.1951, fr.

56764 RGS, Vila Oliva p. Caxias, NEH, in paludosis dumosis, 8.2.1955, fr., det. Parodi (Swallen: *P. helobium* Mez).

**Habit:** Slender, recumbent, branches up to 50 cm long.

**Habitat:** Edge of forest, secondary growth.

**Distribution in RGS:** Apparently over the whole of the northern half of the State.

**General distribution:** From the West Indies to RGS.

**Panicum tricholaenoides** Steud., Syn.Gram. (1855) 68; Herter, Flor. Urug. (1930) 30; Cabrera, Fl. Alred. B. Aires (1953) 99. — *P. junceum* Nees, Agrost.Bras. (1929) 159; Döll, FB 2,2 (1877) 216.

850 RGS, Pedra Redonda p. P. Alegre, NEL, in incultis alte dumosis, 5.1.1933, fr., leg. C. Orth, det. Parodi (Swallen: *P. junceum* Nees)

**5740** RGS, Esteio p. S. Leopoldo, NEL, in humidis alte graminosis, 11.11.1955, fl.

**Habit:** Culms up to 1,5 m high.

**Habitat:** Densely vegetated swamps.

**Distribution:** Northeastern Lowlands.

**General distribution:** From Goiás to Uruguay.

## PASPALUM L.

**Paspalum acuminatum** Raddi, Agrost. Bras. (1828) 25; Döll, FB 2,2 (1877) 97.

**40355** RGS, Sta Rita p. Farrouilha, NEH, in paludosis dumosis, 29.1.1949, fl.

**40625** RGS, Esteio p. S. Leopoldo, NEL, in paludosis alte dumosis, 23.3.1949, fr., det. Swallen.

**40972** RGS, ad fl. Gravataí inferius, in subpaludosis dumosis, 10.4.1949, fr., det. Swallen.

**41122** RGS, Ilha da Pintada p. P. Alegre, NEL, in paludosis dumosis, 20.4.1949, fr., det. Swallen.

**Habit:** Prostrate, rooting at most joints, branches up to 1 m long.

**Habitat:** Swampy thickets.

**Distribution in RGS:** Northeastern Lowlands.

**General distribution:** From Rio de Janeiro to RGS.

**Paspalum arechavaletae** Hack.,  
Herter, Flor. Urug. (1930) 30.

**44124** RGS, Barreto Vianna p. S. Leopoldo, NEL, in humidis alte dumosis, 24.10.1949, fr., det. Swallen. (Barreto: *P. exaltatum* Presl).

**Habit:** Robust, erect, up to 1,5 m high.

**Habitat:** Swampy thickets.

**Distribution in RGS:** Northeastern Lowlands.

**General distribution:** RGS, Uruguay.

**Paspalum arenarium** Schrad., ap. Roem. et Schult. Mantissa 2 ( ) 172; Döll, FB 2,2 (1877) 46; Herter, Flor. Urug. (1930) 30; Reitz, Sellowia 7 (1956) 106.

**31405** SC, Sombrio p. Araranguá, in arenosis, 31.1.1946, fr., det. Swallen.

**33053** RGS, Parecí p. Montenegro, NEL, in dumosis, 28.2.1945, fl., leg. A. Strieder SJ.

**54351** SC, Laguna, in arenosis, 22.12.1951, fr., leg. R. Reitz 5053, det. Swallen.

**54352** SC, ibidem, leg. R. Reitz 5054, det. Swallen.

**54785** RGS, Torres, NEC, prope litus in arenosis, 11.2.1954, fr., det. Parodi.

**54839** RGS, ibidem, 11.2.1954, fr., det. Parodi.

**55378** SC, Massiambú p. Palhoça, in arenosis, 19.12.1953, fr., leg. R. Reitz 7144, det. Swallen.

**56472** RGS, Torres, NEC, prope litus in arenosis, 19.1.1955, fr.

**56947** RGS, Esteio p. S. Leopoldo, NEL, in humidis, 14.11.1955, fr.

**Habit:** Culms up to 40 cm high, ears mostly simple.

**Habitat:** Sandy, more or less wet places.

**Distribution in RGS:** Northeastern Lowlands and sea coast.

**General distribution:** From the Antilles to Uruguay.

**Paspalum conjugatum** Berg., Act. hevet. 7 ( ) 129, tab. 8; Döll, FB 2,2 (1877) 55; Ekman, Ark. f. Bot. 11,n.4 (1912) 11; idem, Ark.f.Bot. 13,n.10 (1913) 11; Reitz, Sellowia 7 (1956) 106.

**862** RGS, Vila Manresa p. P. Alegre, NEL, in umbrosis subhumidis, 5.10.1933, fr., leg. C. Orth SJ, det. Chase.

**1055** RGS, S. Leopoldo, NEL, in umbrosis, 10.9.1934, fr., leg. C. Orth SJ, det. Beetle.

**33054** RGS, Parecí p. Montenegro, NEL, in subhumidis umbrosis, 28.12.1945, fr., leg. A. Strieder SJ.

**33533** RGS, S. Leopoldo, NEL, in subhumidis umbrosis, 14.4.1946, fr., leg. E. Henz SJ.

**38531** RGS, S. Leopoldo, NEL, in humidis umbrosis, 4.12.1948, fr.

**39942** RGS, ad montem Ferrabraz p. Novo Hamburgo, NEL in umbrosis, 12.1.1949, fr., det. Swallen.

**40136** RGS, Guaíba p. P. Alegre, NEL, in humidis umbrosis, 24.1.1949, fr., det. Swallen.

**41068** RGS, ad fl. Gravataí inferius p. P. Alegre, NEL, in humidis umbrosis 18.4.1949, fl.

**41148** RGS, Ilha da Pintada p. P. Alegre, NEL, in humidis umbrosis, 24.4.1949, fr.

**41369** RGS, Morretes p. P. Alegre, NEL, in humidis umbrosis, 2.5.1949, fr.

**41662** RGS, S. Leopoldo, NEL, in umbrosis subhumidis, 21.5.1949, fl., det. Swallen.

**42048** RGS, Sapucaia p. S. Leopoldo, NEL, in umbrosis, 18.6.1949, fr.

**46473** RGS, Lagoa da Pinguela p. Osório, NEC, in umbrosis subhumidis, 27.3.1950, fr., det. Parodi.

**49814** SC, Itapiranga, ad fl. Uruguay superius, ad viam in incultis, 6.2.1951, fr.



**50924** Paraná, S. José dos Pinhais, ad flumen in arenosis, 6.1.1950, fr., leg. G. Hatschbach 1705, det. Parodi.

**55339** SC, Massiambú p. Palhoça, ad viam in incultis, 12.3.1953, fr., leg. R. Reitz 17193, det. Swallen.

**55381** SC, Ascurra p. Rodeio, ad viam, 11.6.1953, leg. R. Reitz 7140, det. Swallen.

**55427** SC, Barra do Sul p. Araquarí, in dumosis, 8.4.1953, fr., leg. R. Reitz 7061, det. Swallen.

**58036** SC, Azambuja p. Brusque, in incultis, 18.11.1953, fl., leg. R. Reitz 8288, det. Swallen.

**58051** SC, Caixad'Águap. Itajaí, in incultis, 18.3.1953, fl., leg. R. Reitz 8304, det. Swallen.

**Habit:** Densely cespitose, culms up to 50 cm long.

**Habitat:** Always on disturbed soil.

**Distribution in RGS:** Apparently not native; all over the cultivated area.

**General distribution:** From Amazonia to Uruguay.

**Paspalum conspersum** Schrad., in Schult. Mant. 2 ( ) 174; Reitz, Sellowia 7 (1956) 106. — *P. virgatum* L. var. *conspersum* (Schrd.) Döll, FB 2,2 (1877) 89.

**41601** RGS, ad montem Ferrabraz p. Novo Hamburgo, NEL, in subpaludosis dumosis, 16.5.1949, fr., det. Swallen.

**Habit:** Robust, up to 1,5 m high.

**Habitat:** Wet, shrubby places.

**Distribution in RGS:** No other findplace.

**General distribution:** From Minas Gerais to RGS.

**Paspalum corcovadense** Raddi, Agrost. Bras. (1828) 27; Reitz, Sellowia 7 (1956) 106. — *P. laxum* Lam., Encycl. Illustr. 176 ( ) 931; Döll, FB 2,2 (1877) 85.

**1102** RGS, ad montem Steinkopf p. S. Leopoldo, NEL, in umbrosis dumosis, 21.11.1934, fr., leg. C. Orth SJ, det. Chase, Parodi.

**40799** RGS, Sapucaia p. S. Leopoldo, NEL, in umbrosis siccis dumosis, 1.4.1949, fr., det. Swallen.

**41013** RGS, ad montem das Cabras p. S. Leopoldo, NEL, in siccis dumosis, 8.4.1949, fl. det. Swallen.

**41539** RGS, Vila Manresa p. P. Alegre, NEL, in siccis umbrosis, 14.5.1949, fr.

**41580** RGS, ad montem Ferrabraz p. Novo Hamburgo, NEL, in siccis dumosis, 16.5.1949, fr., det. Swallen.

**41845** RGS, Canoas p. P. Alegre, NEL, in siccis umbrosis, 3.6.1949, fr.

**42010** RGS, Morro Santana p. P. Alegre, NEL, in dumosis umbrosis, 16.6.1949, fl.

**42495** RGS, Sta Rita p. Farroupilha, NEH, in umbrosis, 13.7.1949, fr.

**46402** RGS, Gramado p. Canela, NEH, in umbrosis, 20.3.1950, fr.

**46174** RGS, Fazenda do Arroio p. Osório, NEC, in umbrosis, 6.3.1950, fr.

**49875** SC, Itapiranga ad fl. Uruguay superius, in silva pluviali ad viam, 6.2.1951, fr.

**55416** SC, Laguna, prope litus in silvula, 22.12.1952, fr., leg. R. Reitz 7081, det. Swallen.

**59728** RGS, Farroupilha, NEH, in dumosis umbrosis, 28.5.1956, fr., leg. O. Camargo 690.

**59729** RGS, ibidem, 28.5.1956, fr., leg. O. Camargo 708.

**Habit:** Erect, loose bunches, leaves 30, ear 50 cm long.

**Habitat:** Shady places at forest edge and in secondary growth.

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

**General distribution:** From Bahia to RGS.

**Paspalum cromyorrhizon** Trin., ap. Döll, FB 2,2 (1877) 74;

**2734** RGS, S. Leopoldo, NEL, in siccis dumosis, 23.10.1935, fr., leg. C. Orth SJ, det. Chase (Parodi: *P. guaraniticum* Par.).

**38822** RGS, Conceição p. Caí, NEL, in campestribus alte graminosis, 14.12.1948, fl. det. Swallen.

**43885** RGS, ad fl. Caí inferius p. P. Alegre, NEL, in subsiccis alte dumosis, 12.10.1949, fr., det. Swallen.

**56953** RGS, Esteio p. S. Leopoldo, NEL, in humidis alte graminosis, 11.11.1955, fr.

**Habit:** Thin bunches, culms up to 80 cm high.

**Habitat:** More or less wet Campos.

**Distribution in RGS:** Northeastern Lowlands.

**General distribution:** South Brazil.

**Paspalum dilatatum** Poir., *Encycl. Méth.* 5 (1804) 35; Döll, FB 2,2 (1877) 64; *Ark.f.Bot.* 11,n.4 (1912) 11; Herter, *Flor. Urug.* (1930) 30; Reitz, *Sellowia* 7 (1956) 106.

**25573** RGS, Fazenda Sta Cecília p. S. Gabriel, SW, in campestribus dumosis, 1.1944, fr., det. Swallen.

**35154** RGS, Fazenda da Ronda p. Vacaria, NEH, in subpaludosis dumosis, 15.1.1947, fr.

**36452** RGS, Cambará p. S. Francisco de Paula, NEH, in campestribus dense graminosis, 2.1948, fr., det. Swallen.

**39378** RGS, Belém Novo p. P. Alegre, NEL, in campestribus dumosis, 31.12.1948, fr.

**40232** RGS, Sta Rita p. Farroupilha, NEH, in subpaludosis dumosis, 28.1.1949, fr.

**54949** RGS, Vila Oliva p. Caxias, NEH, ad viam in humidis, 24.2.1954, fr., det. Parodi, Swallen.

**55064** RGS, ibidem, 24.2.1954, fr., det. Parodi, Swallen.

**59526** RGS, Farroupilha, NEH, in alte graminosis, 26.10.1956, fr., leg. O. Camargo 891.

**59991** RGS, ibidem, 25.3.1957, fr., leg. O. Camargo 1198.

**60405** RGS, ibidem, 26.4.1956, fr., leg. O. Camargo 623.

**Habit:** Erect, 40 cm high.

**Habitat:** More or less wet Campos.

**Distribution in RGS:** Northeastern Lowlands and Highlands.

**General distribution:** From Pernambuco to Uruguay and B. Aires.

*Paspalum distichum* L., Amoen. Acad. 5 (1789) 301; Ekman, Ark.f.Bot. 11,n.4 (1912) 16; idem, Ark.f.Bot. 13,n.10 (1913) 19; Malme, Sv. Bot. Tidskr. 30 (1936) 9; Cabrera, Fl. Alred. B. Aires (1953) 102; Reitz, Sellowia 7 (1956) 106. — *P. vaginatum* Swartz, Prodr. ( ) 21; Döll. FB, 2,2 (1877) 74.

**2871** RGS, Ilha do Paiva p. P. Alegre, NEL, in paludosis, 26.12.1937, fr., leg. C. Orth SJ, det. Parodi.

**3103** SC, Florianópolis, prope litus in arenosis humidis, 6.1938, ster., det. Swallen.

**34251** Chile, Padre Las Casas p. Cautín, in pascuo, 4.12.1945, fl., leg. H. Gunckel 15703, det. Parodi.

**48343** SC, Figueiredo p. Bom Retiro, ad lacum, 28.12.1948, fl., leg. R. Reitz 3442, det. Swallen.

**Habit:** Prostrate to ascending, branches up to 50 cm long.

**Habitat:** Wet to swampy places.

**Distribution in RGS:** Northeastern Lowlands.

**General distribution:** Over the whole of tropical and subtropical to temperate South Amerika, and in the Old World.

*Paspalum exaltatum* Presl, Rel. Haenck. 1 ( ) 219.

**54683** RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in paludosis alte dumosis, 1.1.1954, fl., fr., det. Parodi (Swallen: *Paspalum* sp.).

**56294** RGS, ibidem, 2.1.1955, fr., det. Parodi, Swallen, Barreto: *P. haumanii* Par.

**59816** RGS, Farroupilha, NH, in subpaludosis dumosis, 28.12.1956, fl., leg. O. Camargo 1058.

**Habit:** Culms up to 1,5 m high.

**Habitat:** Swampy places among high shrub and grasses.

**Distribution in RGS:** No other findplace.

**General distribution:** Chile, RGS, Uruguay.

***Paspalum guaraniticum* Parodi,**

2734 RGS, S. Leopoldo, NEL, in subhumidis, 1934, fr., det. Parodi (Barreto: *P. cromyorrhizon* Trin.)

56948 RGS, Esteio p. S. Leopoldo, in subhumidis alte graminosis, 14.11.1955, fr.,

56949 RGS, ibidem, 14.11.1955, fr.

**Habit:** Erect, 75 cm high.

**Habitat:** Moderately wet places among high grasses.

**Distribution in RGS:** Northeastern Lowlands.

**General distribution:** RGS.

***Paspalum guenoarum* Arech., An. 1 ed. 1 (1894) 55; Herter, Flor. Urug. (1930) 55.**

56627 RGS, Vila Oliva p. Caxias, NEH, in campestribus subhumidis, 8.2.1955, fr., det. Parodi (Swallen, Barreto: *P. maculosum* Trin.).

60479 RGS, Estação de Silvicultura p. Sta Maria, CL, in alte graminosis, 8.4.1946, fr., leg. O. Camargo 607.

60481 RGS, ibidem, 8.4.1956, fr., leg. O. Camargo 544.

60485 RGS, ibidem, 8.4.1957, fr., leg. O. Camargo 555.

60488 RGS, ibidem, 8.4.1956, fl., leg. O. Camargo 552.

**Habit:** Culms up to 100 cm high.

**Habitat:** Dry to somewhat wet Campos among high grasses.

**Distribution in RGS:** Widely scattered.

**General distribution:** Uruguay, RGS.

***Paspalum haumanii* Parodi, Com. Mus.Nac. B. Aires 2,n.21 (1925) 217; Herter, Flor. Urug. (1930) 30; Cabrera, Fl. Alred. B. Aires (1953) 102.**

1101 RGS, S. Leopoldo, NEL, in paludosis, 8.11.1934, fr., leg. O. Orth SJ, det. Parodi (Chase: *P. durifolium* Mez).

8652 RGS, Serra da Rocinha p. Bom Jesus, NEH, in paludosis alte dumosis, 16.1.1942, fl.

32773 RGS, Parecí p. Montenegro, NEL, in dumosis ad flumen, 10.11.1945, fr., leg. E. Henz SJ.

35176 RGS, Serra da Rocinha p. Bom Jesus, NEH, in humidis dumosis 14.2.1947, fr., det. Beetle.

35686 RGS, S. Leopoldo, NEL, in paludosis alte dumosis, 22.2.1947, fr., leg. E. Henz SJ, det. Beetle.

38345 RGS, Esteio p. S. Leopoldo, NEL, in paludosis alte graminosis, 24.11.1948.

**49287** RGS, Gravataí p. P. Alegre, NEL, ad rivum in alte dumosis, 1.12.1950, fr.

**55001** RGS, Vila Oliva p. Caxias, NEH, in paludosis alte dumosis, 24.2.1954, fr., det. Parodi.

**57356** RGS, Estação de Silvicultura p. Sta Maria, CL, in subpaludosis dense dumosis, 18.11.1955, fr., leg. O. Camargo 15.

**62004** RGS, Farroupilha, NEH, in humidis dense graminosis, 18.11.1957, fl., leg. O. Camargo.

**62965** RGS, Bom Jesus, NEH, in subhumidis, 6.1.1958, fl., leg. O. Camargo 3123.

**Habit:** Culms up to 2 m high.

**Habitat:** Swampy places among high shrubs and grasses.

**Distribution in RGS:** Apparently over the whole of the swampy area.

**General distribution:** RGS, Uruguay, B. Aires.

*Paspalum hyalinum* Nees, *Agrost. Bras.* (1829) 49; Döll, *FB* 2,2 (1877) 46; Ekman, *Ark.f.Bot.* 13,n.10 (1913) 11; Reitz, *Sellowia* 7 (1956) 106.

**2522** RGS, Portão p. S. Leopoldo, NEL, in campestribus subhumidis, 12.3.1936, fr., leg. C. Orth SJ, det. Chase, Parodi.

**31402** SC, Sombrio, p. Araranguá, in arenosis graminosis, 31.1.1946, fr.

**Habit:** Small, culms up to 25 cm high, weak and slender.

**Habitat:** More or less wet Campos among other grasses.

**Distribution in RGS:** Northeastern Lowlands.

**General distribution:** From Minas Gerais to RGS.

*Paspalum inaequivalve* Raddi, *Agrost. Bras.* (1828) 28; Döll, *FB* 2,2 (1877) 51; Ekman, *Ark. f. Bot.* 11,n.4 (1912) 11; Reitz, *Sellowia* 7 (1956) 107.

**1020** RGS, S. Leopoldo, NEL, in incultis, 8.9.1934, fr., leg. C. Orth SJ, det. Chase.

**30218** Uruguay, Tacuarembó, 12.3.1945, fr., leg. et det. B. Rosengurt.

**39858** RGS, ad montem Ferrabraz p. Novo Hamburgo, NEL, in umbrosis dumosis, 12.1.1949, fr.

**41352** RGS, Morretes p. P. Alegre, NEL, in dumosis, 2.5.1949, fl.

**41640** RGS, Esteio p. P. Alegre, NEL, in alte graminosis, 18.5.1949, fr., det. Swallen.

**41791** RGS, ibidem, 1.6.1949, fl., det. Swallen.

**42298** RGS, Langschneis p. Montenegro, NES, in umbrosis alte dumosis, 2.7.1949, fl., det. Swallen.

**Habit:** Slender, prostrate to ascending branches up to 50 cm long.

**Habitat:** Shady, more or less dry places.

**Distribution in RGS:** Northeastern Lowlands and rain forest belt.

**General distribution:** From Rio de Janeiro to RGS.

***Paspalum juergensii* Hack.,**

4312 RGS, Taimbesinho p. S. Francisco, NEH, in subpaludosis alte dumosis, 7.2.1941, fr., det. Swallen.

41248 RGS, ad fl. Cai inferius p. P. Alegre, NEL, in subpaludosis alte dumosis, 27.4.1949, fr., det. Swallen.

43864 RGS, ibidem, 12.10.1949, fr., det. Swallen.

45943 RGS, Lagoa dos Quadros p. Torres, NEC, in humidis alte dumosis, 21.2.1950, fr.

46316 RGS, Cristo Rei p. S. Leopoldo, NEL, in dumosis, 17.3.1950, fr.

**Habit:** Robust, up to 75 cm high.

**Habitat:** Wet to swampy places among shrubs and other grasses.

**Distribution in RGS:** Northeastern quadrant.

**General distribution:** RGS.

***Paspalum maculosum* Trin.,** Spec. Gram. (1828) tab. 113; Döll, FB 2,2 (1877) 72; Ekman, Ark.f.Bot. 13,n.10 (1913) 14; Herter, Flor. Urug. (1930) 30; Reitz, Sellowia 7 (1956) 107.

7018 SC, Lages, in campestribus, 1935, fr., leg. A.Bruxel SJ, det. Swallen.

35218 RGS, Serra da Rocinha, p. Bom Jesus, NEH, in campestribus subpaludosis, 14.2.1947, fr.

54888 RGS, Vila Oliva p. Caxias, NEH, in campestribus dense graminosis, 24.2.1954, fr., det. Parodi.

55441 SC, Mafra, in campestribus alte graminosis, 27.1.1953, fr., leg. R. Reitz 7040, det. Swallen.

60480 RGS, Estação de Silvicultura p. Sta Maria, CL, in alte graminosis, 8.4.1956, fr., leg. O. Camargo. 603.

60484 RGS, ibidem, 8.4.1956, fr., leg. O. Camargo 581.

**Habit:** Culms slender, up to 60 cm high.

**Habitat:** Dry Campos among high grasses.

**Distribution in RGS:** Campos of the northern half of the State.

**General distribution:** From Piauí to Uruguay.

***Paspalum mandioccanum* Trin.,** Dias 2 ( ) 113; Döll, FB 2,2 (1877) 80; Ekman, Ark.f.Bot. 13, n.10 (1913) 15; Malme, Sv. Bot. Tidskr. 30 (1936) 10; Sellowia 7 (1956) 107.

866 RGS, Vila Manresa p. P. Alegre, NEL, in umbrosis dumosis, 10.1.1933, fr., leg. C. Orth SJ, det. Chase.

33027 RGS, Parecí p. Montenegro, NEL, in incultis, 10.10.1945, fr., leg. A. Strieder SJ.

- 38075** RGS, Vila Manresa p. P. Alegre, NEL, in umbrosis dumosis, 17.11.1948, fr., det. Swallen.
- 38161** RGS, Morro da Polícia p. P. Alegre, NEL, in umbrosis, 20.11.1948, fr., det. Swallen.
- 38217** RGS, Sapucaia p. S. Leopoldo, NEL, in umbrosis dumosis, 22.11.1948, fr.
- 38850** RGS, S. Leopoldo, NEL, in umbrosis, 17.12.1948, fr.
- 39806** RGS, Parecí p. Montenegro, NEL, in dumosis secundariis, 14.1.1949, fl., det. Swallen.
- 39998** RGS, Linha Bonita p. Montenegro, NES, in dumosis, 19.1.1949, fr., det. Swallen.
- 40477** RGS, Vila Manresa p. P. Alegre, NEL, ad rivum in dumosis, 14.3.1949, fr., det. Swallen.
- 40682** RGS, ibidem, 26.3.1949, fr., det. Swallen.
- 40851** RGS, Granja Neugebauer p. P. Alegre, NEL, ad silvam in dumosis, 3.4.1949, fr., det. Swallen.
- 40900** RGS, ad montem das Cabras p. S. Leopoldo, NEL, in umbrosis dumosis, 8.4.1949, fr., det. Swallen.
- 40917** RGS, ibidem, 8.4.1949, fr., det. Swallen.
- 41072** RGS, ad fl. Gravataí inferius p. P. Alegre, NEL, in humidis umbrosis, 18.4.1949, fr.
- 42073** RGS, Sapucaia p. S. Leopoldo, NEL, in dumosis umbrosis, 18.6.1949, fr.
- 54990** RGS, Vila Oliva p. Caxias, NEH, in humidis alte graminosis, 24.2.1954, fr., det. Parodi.
- 56945** RGS, Esteio p. S. Leopoldo, NEL, in alte dumosis, 15.11.1955, fr.
- 58055** SC, Ibirama, ad silvam, 1.3.1954, fr., leg. R. Reitz 8334, det. Swallen.
- 60478** RGS, Estação de Silvicultura p. Sta Maria, CL, in alte graminosis, 8.4.1956, fl., leg. O. Camargo.
- 60607** RGS, Farroupilha, NEH, in dumosis, 7.5.1957, fl., fr.
- 64230** SC, S. Joaquim, in dumosis, 10.1.1958, fl., leg. J. Mattos.
- 64231** SC, ibidem, 10.1.1958, fl., leg. J. Mattos.
- 64232** SC, ibidem, 10.1.1958, fl., leg. J. Mattos.

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

**Habitat:** Forest edge, secondary growth, shady places.

**Distribution in RGS:** Northeastern Lowlands.

**General distribution:** From Minas Gerais to RGS.

**Paspalum multiflorum** Döll, FB 2,2 (1877) 90; Ekman, Ark.f.Bot. 11, n.4 (1911) 14; idem, Ark.f.Bot. 13, n.10 (1913) 19; Herter, Flor. Urug. (1930) 30; Bornmüller, Rev. Sud. Bot. 1 (1934) 132.

**55612** RGS, Fachinal Preto p. Bom Jesus, NEH, in paludosis, 29.1.1950, fr. deciso, det. Asplund. (Barreto: *P. quadrifarium* Lam.).

**Habit:** Robust, culms up to 1 m high.

**Habitat:** Wet thickets among high grasses and shrubs.

**Distribution in RGS:** Highlands.

**General distribution:** From S. Paulo to Uruguay.

***Paspalum nicorae* Parodi,**

Reitz, *Sellowia* 7 (1956) 107.

**37999** RGS, Barra do Ribeiro p. P. Alegre, NEL, in arenosis siccis, 14.11.1948, fr., det. Swallen.

**39466** RGS, Teresópolis p. P. Alegre, NEL, in campestribus siccis, 4.1.1949, fr.

**44424** RGS, Granja Neugebauer p. Itapoan, NEL, in campestribus siccis, 19.11.1949, fr.

**54339** SC, Laguna, in arenosis, 22.12.1951, fr., leg. R. Reitz 5033, det. Swallen.

**54340** SC, ibidem, 10.11.1951, leg. R. Reitz, det. Swallen.

**54830** RGS, Torres, NEC, in arenosis, 11.2.1954, fr., det. Parodi, Swallen.

**56487** RGS, ibidem, 19.1.1955, fr.,

**60483** RGS, Estação de Silvicultura p. Sta Maria, CL, in alte graminosis, 8.4.1956, fr., leg. O. Camargo 578.

**Habit:** Cespitose, culms up to 30 cm high.

**Habitat:** Dry Campos.

**Distribution in RGS:** Northeastern Lowlands and sea coast.

**General distribution:** RGS, Uruguay and B. Aires.

***Paspalum notatum* Flügge,** Monogr. ( ) 106; Döll, *FB* 2,2 (1877) 72; Ekman, *Ark. f. Bot.* 11, n.4 (1912) 11; idem, *Ark. f. Bot.* 13, n.10 (1913) 14; Herter, *Flor. Urug.* (1930) 30; Reitz, *Sellowia* 7 (1956) 107.

**727** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis, 20.12.1932, fr., det. Chase.

**7444** RGS, S. Leopoldo, NEL, in campestribus siccis, 1907, fr., leg. F. Theissen SJ.

**9707** RGS, Tupanciretan, NWH, in campestribus siccis, 29.1.1942, fl., det. Chase, Parodi.

**11696** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis, 1943, fr., det. Swallen.

**25582** RGS, Fazenda Sta Cecília p. S. Gabriel, in campestribus siccis, 1.1944, fl.

**25590** RGS, ibidem, 1.1944, fl.



- 30721** RGS, Vila Oliva p. Caxias, NEH, in campestribus siccis, 28.1.1946, fl.
- 31743** SC, Sombrio p. Araranguá, in arenosis siccis, 7.2.1946, fr., det. Swallen.
- 31952** SC, ibidem, 5.12.1945, fl., leg. R. Reitz 1343.
- 32816** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis, 12.12.1945, fl.
- 33035** RGS, Parecí p. Montenegro, NEL, in campestribus siccis, 10.10.1945, fl., leg. A. Strieder SJ.
- 35152** RGS, Serra da Rocinha p. Bom Jesus, NEH, in campestribus siccis, 14.2.1947, fr.
- 38527** RGS, S. Leopoldo, NEL, in campestribus siccis, 4.12.1948, fr.
- 39522** RGS, Cachoeirinha p. Gravataí, NEL, in campestribus siccis, 7.1.1949, fl.
- 40134** RGS, Guaíba P. Alegre, NEL, in campestribus siccis graminosis, 24.1.1949, fl.
- 48350** SC, Figueiredo p. Bom Retiro, in campestribus siccis, 28.12.1948, fr., leg. Reitz 3473, det. Swallen.
- 54336** SC, Laguna, prope litus in arenosis, 22.12.1952, leg. R. Reitz 5030, det. Swallen.
- 55083** RGS, Vila Oliva p. Caxias, NEH, in dense graminosis, 24.2.1954, fr.
- 55436** SC, Mafra, in campestribus alte graminosis, 26.1.1953, fl., leg. R. Reitz 7047, det. Swallen.
- 55437** SC, ibidem, 26.12.1953, fl., leg. R. Reitz 7046, det. Swallen.
- 56404** RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in dense graminosis, 2.1.1955, fr.
- 56694** RGS, Vila Oliva p. Caxias, NEH, in campestribus siccis dense graminosis, 8.2.1955, fr.
- 58052** SC, Massiambú p. Palhoça, in arenosis, 4.11.1955, fr., leg. R. Reitz 8329, det. Swallen.
- 58602** RGS, Estação de Silvicultura p. Sta Maria, CL, in graminosis siccis, 10.1.1956, fl., leg. O. Camargo 31.
- 58997** SC, ibidem, 5.1.1956, leg. O. Camargo 141.
- 59856** RGS, Farroupilha, NEH, in pascuo, 18.3.1957, fl., leg. O. Camargo 1169.
- 61639** RGS, Taquarí, in campestribus siccis, 8.12.1957, fl., leg. O. Camargo 2758.
- 64210** SC, S. Joaquim, in campestribus, 10.1.1958, fl., leg. J. Mattos.

**Habit:** Cespitose, culms up to 30 cm high.

**Habitat:** Dry Campos, often dominant.

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

**General distribution:** From Goiás to Uruguay and B. Aires.

**Paspalum orbiculatum** Poir. Encycl. Méth. 5 ( ) 32; *P. pusillum* Vent., ap. Döll, FB 2,2 (1877) 45.

1956 RGS, S. Leopoldo, NEL, in humidis, 9.10.1934, fl., leg. C. Orth SJ, det. Chase.

**Habit:** Prostrate, very small, branches 10 cm long.

**Habitat:** Wet places.

**Distribution in RGS:** No other findplace.

**General distribution:** From the West Indies to RGS.

**Paspalum paniculatum** L., Spec. Plant. ed. 2 (1762) 81; Döll, FB 2,2 (1877) 56; Ekamn, Ark. f. Bot. 11,n.4 (1912) 11; idem, Ark. f. Bot. 13, n.10 (1913) 11; Malme, Sv. Bot. Tidskr. 30 (1936) 10; Reitz, Sellowia 7 (1956) 107.

1004 RGS, S. Leopoldo, NEL, in incultis, 12.10.1934, fr., leg. C. Orth SJ, det. Chase, Parodi.

10836 RGS, Marcelino Ramos p. fl. Uruguay, NWU, in dumosis, 1.1943, fr., leg. E. Friederichs SJ.

36453 RGS, Cambará p. S. Francisco de Paula, NEH, in dumosis, 2.1948, fr., det. Swallen.

36454 RGS, ibidem, 1.1948, fr., det. Swallen.

40705 RGS, Cristal p. P. Alegre, NEL, in arenosis humidis dumosis, 31.3.1949, fr. det. Swallen.

54992 RGS, Vila Oliva p. Caxias, NEH, in paludosis, 24.2.1954, fr., det. Parodi.

55091 RGS, ibidem, 24.2.1954, fr., det. Parodi (Swallen: *P. juergensii* Hack.).

55392 SC, Anitápolis p. Palhoça, in dumosis, 2.4.1953, fr., leg. R. Reitz 7122, det. Swallen.

56770 RGS, Vila Oliva p. Caxias, NEH, in subhumidis dumosis, fr. det. Parodi (Swallen: *P. umbrosum* Trin; Barreto: *P. juergensii* Hack.).

56813 RGS, Taimbesinho p. S. Francisco de Paula, NEH, in humidis dumosis, 16.2.1955, fr., det. Parodi, (Swallen, Barreto: *P. juergensii* Hack.).

58943 RGS, Estação de Silvicultura p. Sta Maria, CL, in alte graminosis, 1.3.1956, fr., leg. O. Camargo 134.

59235 RGS, Taimbesinho p. S. Francisco de Paula, NEH, in dumosis, 12.2.1956, fr.,

59814 RGS, Farroupilha, NEH, in dumosis, 25.3.1957, fr., leg. O. Camargo 1323.

59815 RGS, ibidem, 25.3.1957, fr., leg. O. Camargo 1320.

59817 RGS, ibidem, 18.3.1957, fr., leg. O. Camargo 1171.

59818 RGS, ibidem, 15.2.1957, fr., leg. O. Camargo 1142.

59819 RGS, ibidem, 25.3.1957, fr., leg. O. Camargo 1315.

- 60269 RGS, ibidem, 14.1.1957, fl., fr., leg. O. Camargo 1088.  
 60471 RGS, Estação de Silvicultura p. Sta Maria, CL, in alte graminosis, 8.4.1956, fr., leg. O. Camargo 568.  
 60472 RGS, ibidem, 8.4.1956, fr., leg. O. Camargo 569.  
 60473 RGS, ibidem, 8.4.1956, fr., leg. O. Camargo 576.  
 60474 RGS, ibidem, 8.4.1956, fr., leg. O. Camargo 596.  
 60475 RGS, ibidem, 8.4.1956, fr., leg. O. Camargo 598.  
 63086 RGS, Pelotas, SEC, in alte graminosis, 11.3.1956, fl., leg. Schlichting.  
 64227 SC, S. Joaquim, in dumosis, 10.1.1958, fl., leg. J. Mattos.  
 64228 SC, ibidem, 10.1958, fl., leg. J. Mattos.  
 64229 SC, ibidem, 10.1.1958, fl., leg. J. Mattos.
- Habit:** Erect, slender, up to 75 cm high.  
**Habitat:** Dry to moderately wet brushwood.  
**Distribution in RGS:** Common over the whole of the Campos area.  
**General distribution:** From the West Indies to RGS.

*Paspalum plicatulum* Michx., Flor. bor. Am. 1 (1803) 45; Döll, FB 2,2 (1877) 76; Ekman, Ark.f.Bot. 11,n.4 (1912) 11; idem, Ark.f.Bot. 13, n.10 (1913) 14; Herter, Flor. Urug. (1930) 30; Malme, Sv. Bot. Tidskr. 30 (1936) 10; Cabrera, Flor. Alred. B. Aires (1953) 102; Reitz, Sellowia 7 (1956) 107.

- 864 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis, 5.10.1933, fr., det. Chase.  
 25593 RGS, Fazenda Sta Cecília p. S. Gabriel, SW, in campestribus subdumosis, 1.1944, fl.,  
 26185 RGS, Fazenda do Jarau p. Quarai, SW, in campestribus siccis dumosis, 1.1945, fr.  
 29344 RGS, Vila Manresa p. P. Alegre, NEL, in siccis graminosis, 26.10.1945, fr., det. Parodi.  
 29375 RGS, ibidem, 3.11.1945, fr.  
 30723 RGS, Vila Oliva p. Caxias, NEH, in campestribus siccis, 28.1.1946, fr., det. Swallen.  
 30729 RGS, ibidem, 28.1.1946, fr.  
 33213 RGS, Parecí p. Montenegro, NEL, in siccis dumosis, 20.10.1945, fr., leg. E. Henz SJ, det. Swallen.  
 33576 Uruguay, Punta Ballena p. Maldonado, in siccis dumosis, 14.4.1944, fr., leg. et det. B. Rosengurt B-4676 (var. villosissimum Pilger).  
 34157 RGS, Vila Manresa p. P. Alegre, NEL, in graminosis, 16.10.1946, fr.  
 35155 RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus siccis subdumosis, 15.1.1947, fr.

- 35452 RGS, S. Leopoldo, NEL, in arenosis siccis dumosis, 6.11.1946, fr., leg. E. Henz SJ.
- 36451 RGS, Cambará p. S. Francisco de Paula, NEH, in campestribus alte graminosis, 2.1948, fr., det. Swallen.
- 37720 RGS, Vila Manresa, p. P. Alegre, NEL, in campestribus siccis graminosis, 22.9.1948, fr., det. Swallen.
- 38455 RGS, ibidem, 1.12.1948, fr., det. Swallen.
- 38664 RGS, Rio dos Sinos p. S. Leopoldo, NEL, in arenosis alte graminosis, 10.12.1948, fr., det. Swallen.
- 38787 RGS, Conceição p. Caí, NEL, in siccis arenosis, 14.12.1948, fr., det. Swallen.
- 38941 RGS, Chácara Weber p. Itapoan, NEL, in siccis graminosis, 18.12.1948, fr.
- 40848 Granja Neugebauer p. Itapoan, NEL, in campestribus alte graminosis, 3.4.1949, fr., det. Swallen.
- 41212 RGS, ad fl. Caí inferius p. P. Alegre, NEL, in siccis arenosis, 26.4.1949, fr., det. Swallen.
- 41491 RGS, Estação Azevedo p. Montenegro, NEL, in campestribus siccis, 6.5.1949, fr., det. Swallen.
- 41807 RGS, Esteio p. S. Leopoldo, NEL, in siccis graminosis, 1.6.1949, fr.
- 43975 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus dumosis, 19.10.1949, fr. det. Swallen.
- 44381 RGS, Fião p. S. Leopoldo, NEL, in arenosis siccis, 14.11.1949, fr.
- 46220 RGS, Cristo Rei p. S. Leopoldo, NEL, in campestribus siccis graminosis, 10.3.1950, fr.
- 46784 RGS, Fazenda do Arroio p. Osório, NEC, in arenosis siccis dumosis, 14.4.1950, fr.
- 54724 RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in graminosis, 1.1.1954, fr., det. Parodi (var. glabrum Ar.)
- 55073 RGS, Vila Oliva p. Caxias, NEH, in dense graminosis, 24.2.1954, fr., det. Parodi, Swallen.
- 55440 SC, Mafra, in campestribus dumosis, 16.1.1953, fr., leg. R. Reitz 7042, det. Swallen.
- 56051 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus dumosis, 19.11.1954, fr., det. Parodi, Swallen, Barreto.
- 56413 RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in campestribus dense graminosis, 2.1.1955, fr.
- 56950 RGS, Esteio p. S. Leopoldo, NEL, in humidis alte graminosis, 14.11.1955, fr.
- 56951 RGS, Vila Manresa p. P. Alegre, NEL, in alte graminosis, 4.11.1955, fr.

- 56952 RGS, Esteio p. S. Leopoldo, NEL, in humidis alte graminosis, 11.11.1955, fr.
- 57007 RGS, ad montem Sapucaia p. S. Leopoldo, NEL, in alte graminosis, 26.10.1955, fr.,
- 57500 RGS, Estação de Silvicultura, Sta Maria, CL, in alte graminosis, 15.11.1955, fl., leg. O. Camargo 24.
- 57545 RGS, Vila Manresa p. P. Alegre, NEL, in alte graminosis, 19.11.1955, fl.
- 57546 RGS, ibidem, 19.11.1955, fr.
- 58358 RGS, Taimbesinho p. S. Francisco de Paula, NEH, in graminosis, 12.2.1956, fr.
- 60486 RGS, Estação de Silvicultura p. Sta Maria, CL, in alte graminosis, 8.4.1956, fr., leg. O. Camargo 562.
- 60490 RGS, ibidem, 8.4.1956, fl., leg. O. Camargo 604.
- 60491 RGS, ibidem, 8.4.1957, fr., leg. O. Camargo 609.
- 60492 RGS, ibidem, 8.4.1956, fl., leg. O. Camargo 613
- 61727 RGS, Farroupilha, NEH, in alte graminosis, 18.11.1957, fl., leg. O. Camargo 2580.
- 61745 RGS, Taquarí, NEL, in campestribus, 8.12.1957, fl., leg. O. Camargo 2764.
- 61754 RGS, P. Alegre, NEL, in alte graminosis, 19.11.1957, fl., leg. O. Camargo 2592.

**Habit:** Culms erect, slender, up to 1 m high.

**Habitat:** Dry to moderately wet Campos.

**Distribution in RGS:** In several varieties over the whole of the Campos area.

**General distribution:** From Amazonia to Uruguay and B. Aires.

### ***Paspalum plumosum***

59335 RGS, Estação de Silvicultura p. Sta Maria, CL, in campestribus alte graminosis, fr., 10.1956, fr., leg. O. Camargo 45.

**Habit:**

**Habitat:** Dry, grassy Campos.

**Distribution in RGS:** No other findplace.

**General distribution:**

***Paspalum polyphyllum*** Nees, *Agrost. Bras.* (1929) 41; Herter, *Flor. Urug.* (1930) 31; Reitz, *Sellowia* 7 (1956) 107. — *Paspalum distichophyllum* H.B.K., *Nov. Gen. et Spec.* 1 ( ) 86; Döll, *FB* 2,2 (1877) 65.

1059 RGS, in summo monte Sapucaia p. S. Leopoldo, NEL, in rupestribus dumosis, 8.9.1934, fr., leg. C. Orth SJ, det. Chase.

**7017** SC, Lages, in subhumidis dumosis, 1935, fr., leg. A. Bruxel SJ, det. Swallen.

**7034** SC, ibidem, 1935, fr., leg. A. Bruxel SJ, det. Swallen.

**35188** RGS, Serra da Rocinha p. Bom Jesus, NEH, in rupestribus humidis, 14.2.1947, fr.

**40511** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus subhumidis, 14.3.1949, fr., det. Swallen.

**40690** RGS, ibidem, 26.3.1949, fr., det. Swallen.

**40804** RGS, in summo monte Sapucaia p. S. Leopoldo, NEL, in rupestribus temporarie humidis, 1.4.1949, fr., det. Swallen.

**50901** Paraná, Serra de S. Luiz p. Campo Largo, in rupestribus humidis, 12.3.1950, fr., leg. G. Hatschbach 1903, det. Parodi.

**54991** RGS, Vila Oliva p. Caxias, in campestribus dense graminosis, 24.2.1954, fr. det. Parodi.

**64343** SC, Lages, in campestribus, 17.2.1958, fl., leg. J. Mattos.

**Habit:** Erect, culms slender, up to 60 cm high.

**Habitat:** Slightly wet Campos.

**Distribution in RGS:** Northeastern Lowlands and Highlands.

**General distribution:** From Venezuela to RGS.

**Paspalum pumilum** Nees, Agrost. Bras. (1829) 52; Döll, FB 2,2 (1877) 57; Ekman, Ark. f. Bot. 13, n.10 (1913) 12; Herter, Flor. Urug. (30) 31; Malme, Sv. Bot. Tidskr. 30 (1936) 10; Cabrera, Fl. Alred. B. Aires (1953) 101; Reitz, Sellowia 7 (1956) 107.

**9610** RGS, Tupanciretan, NWH, in campestribus siccis, 28.1.1942, fl., det. Swallen.

**31434** SC, Sombrio p. Araranguá, in arenosis siccis, 31.1.1946, fr., det. Swallen.

**36455** RGS, Cambará p. S. Francisco de Paula, NEH, in campestribus dense graminosis, 2.1948, fr., det. Swallen.

**36457** RGS, ibidem, 2.1948, fr., det. Swallen.

**38518** RGS, S. Leopoldo, NEL, in arenosis siccis, 4.12.1948, fr.

**54649** RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in campestribus dense graminosis, 1.1.1954, fr., det. Parodi.

**55070** RGS, Vila Oliva p. Caxias, NEH, in campestribus alte graminosis, 24.2.1954, fr., det. Swallen.

**55412** SC, Serra da Boa Vista p. S. José, in campestribus dense graminosis, 2.2.1953, fr., leg. R. Reitz 7086, det. Swallen.

**55415** SC, Palhoça, prope litus in arenosis, 22.12.1952, fr., leg. R. Reitz 7082, det. Swallen.

**56765** RGS, Vila Oliva p. Caxias, NEH, in campestribus subhumidis, 8.2.1955, fr., det. Parodi, Swallen, Barreto.

**56944** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus, 3.11.1955, fl.

**62003** RGS, Farroupilha, NEH, in alte graminosis, 18.11.1957, fl., leg. O. Camargo 2656.

**Habit:** Erect, up to 60 cm high.

**Habitat:** Dry, grassy Campos.

**Distribution in RGS:** From Guyana to Uruguay and B. Aires.

**General distribution:** Northeastern Lowlands and Highlands.

**Paspalum quadrifarum** Lam., Illustr. 176 (1791) n.934; Döll, FB 2,2 (1877) 89; Herter, Flor. Urug. (1930) 31; Cabrera, Fl. Alred. B. Aires (1953) 102.

**1009** RGS, S. Leopoldo, NEL, in subpaludosis dumosis, 20.9.1934, fr., leg. C. Orth SJ, det. Parodi (Chase: *P. ferrugineum* Trin.).

**41450** RGS, Estação Azevedo p. S. Leopoldo, NEL, in subpaludosis alte dumosis, 6.5.1949, fr., det. Swallen.

**46195** RGS, Cristo Rei p. S. Leopoldo, NEL, in humidis alte dumosis, 10.3.1950, fr., det. Swallen.

**60477** RGS, Estação de Silvicultura p. Sta Maria, CN, in alte graminosis, 8.4.1956, fr., leg. O. Camargo 543.

**62001** RGS, Taquarí, NEL, in alte graminosis, 8.12.1957, fl., leg. O. Camargo 2743.

**62002** RGS, ibidem, 8.12.1957, fl., leg. O. Camargo 2704.

**Habit:** Robust, erect, culms up to 1 m high.

**Habitat:** More or less wet places, among high grasses and shrubs.

**Distribution in RGS:** Northeastern Lowlands.

**General distribution:** From S. Paulo to Uruguay and B. Aires.

**Paspalum regnellii** Mez,

Ekamn, Ark. f. Bot. 11,n.4 (1912) 14; Reitz, Sellowia 7 (1956) 107.

**1056** RGS, Sapucaia p. S. Leopoldo, NEL, in incultis, 20.9.1934, fr., leg. C. Orth SJ, det. Chase (Parodi: *P. conspersum* Schrad.).

**40915** RGS, ad montem das Cabras p. S. Leopoldo, NEL, ad rivum in alte dumosis, 8.4.1949, fl., det. Swallen.

**47149** RGS, Butterberg p. Montenegro, NES, ad rivulum in dumosis, 22.5.1950, fr.

**55399** SC, Rio Tavares in Insula Florianópolis, in dumosis arenosis, 11.3.1953, fl., leg. R. Reitz 7111, det. Swallen.

**Habit:** Robust, Culms up to 1,5 m high.

**Habitat:** Wet places, streamside.

**Distribution in RGS:** Northeastern Lowlands and rain forest belt.

**General distribution:** Misiones, RGS,

**Paspalum repens** Gerg., Ac. helv. 7 (1762) tab. 7; Döll, FB 2,2 (1877) 98; Herter Flor. Urug. (1930) 31; Cabrera, Fl. Alred. B. Aires (1953) 99. 2738 RGS, S. Leopoldo, NEL, in palude fluitans, 29.5.1935, fr., leg. C. Orth SJ, det. Chase, Parodi.

41084 RGS, ad fl. Gravataí inferius p. P. Alegre, NEL, in palude fluitans, 18.4.1949, fr., det. Swallen.

55414 SC, Massiambú p. Palhoça, in arenosis, 5.2.1953, fr., leg. R. Reitz 7084, det. Swallen.

**Habit:** Robust, branches floating, up to several m long.

**Distribution in RGS:** Northeastern Lowlands.

**General distribution:** From Guyana to Uruguay and B. aires.

**Paspalum rojasii** Hack.,  
Reitz, Sellowia 7 (1956) 107.

7023 SC, Lages, in dumosis, 1935, fr., leg. A. Bruxel SJ, det. Swallen.

7025 SC, ibidem, leg. A. Bruxel SJ.

46098 RGS, Vila Manresa p. P. Alegre, NEL, in alte dumosis, 3.3.1950, fr.

**Habit:** Slender, culms up to 1 m high.

**Habitat:** Dry, shrubby, Campos.

**Distribution in RGS:** Northeastern Lowlands.

**General distribution:** Paraná to RGS.

**Paspalum umbrosum** Trin., Act. Petrop. ( ) 153; P. densiflorum Döll FB 2,2 (1877) 52.

39133 RGS, Espírito Santo p. P. Alegre, NEL, in umbrosis dumosis, 24.12.1948, fr., det. Swallen.

41453 RGS, Estação Azevedo p. Montenegro, NEL, in humidis dumosis, 6.3.1949, fr., det. Swallen. (Barreto: P. juergensii Hack).

**Habit:** Slender, 60 cm high.

**Habitat:** More or less wet, shady places.

**Distribution in RGS:** Northeastern Lowlands.

**General distribution:** From the Antilles to RGS.

**Paspalum urvillei** Steud., Syn. Gram. (1855) 24; Herter, Flor. Urug. (1930) 31; Cabrera, Fl. Alred. B. Aires (1953) 102; Reitz, Sellowia 7 (1956) 107.

868 RGS, Vila Manresa p. P. Alegre, NEL, in humidis subpaludosis, 5.12.1932, fr., det. Chase, Parodi.

7010 SC, Florianópolis, in humidis dumosis, 1935, fr., leg. A. Bruxel, SJ, det. Swallen.

7026 SC, ibidem, 1935, leg. A. Bruxel SJ, det. Swallen.



- 25602** RGS, Fazenda Sta Cecília p. S. Gabriel, SW, in humidis alte dumosis, 1.1944, fr.
- 29384** RGS, Vila Manresa p. P. Alegre, NEL, in humidis alte dumosis, 3.11.1945, fr.
- 38218** RGS, Sapucaia p. S. Leopoldo, NEL, in paludosis alte dumosis, 22.11.1948, fr., det. Swallen.
- 38448** RGS, ibidem, 1.12.1948, fr.
- 40224** RGS, Sta Rita p. Farroupilha, NEH, in humidis alte dumosis, 28.1.1949, fr.
- 40964** RGS, ad fl. Gravataí, inferius p. P. Alegre, NEL, in humidis graminosis, 10.4.1949, fr., det. Swallen.
- 41218** RGS, ad fl. Caí inferius p. P. Alegre, NEL, in humidis alte graminosis, 22.4.1949, fr., det. Swallen.
- 44119** RGS, Barreto Vianna p. P. alegre, NEL, in paludosis alte graminosis, 24.10.1949, fl., fr.
- 45128** RGS, Fazenda do Arroio p. Osório, in humidis alte dumosis, 4.1.1950, fl., fr.
- 49254** RGS, Parecí p. Montenegro, NEL, in paludosis dumosis, 26.11.1950, fr.
- 55058** RGS, Vila Oliva p. Caxias, NEH, in humidis alte graminosis, 24.2.1954, fr., det. Parodi.
- 55374** SC, Rio Tavares in Insula Sta Catarina, in humidis alte graminosis, 23.12.1952, fr., leg. R. Reitz 7152, det. Swallen.
- 56049** RGS, Vila Manresa p. P. Alegre, NEL, in dumosis subhumidis, 15.11.1954, fr., det. Parodi.
- 56672** RGS, Vila Oliva p. Caxias, NWH, in dumosis, 8.2.1955, fr., det. Parodi.
- 56788** RGS, ibidem, 8.1.1955, fr., det. Parodi.
- 56946** RGS, Esteio p. S. Leopoldo, NEL, in humidis alte graminosis, 14.11.1955, fl.
- 59362** RGS, Farroupilha, NEH, in humidis graminosis, 15.11.1956, fl., leg. O. Camargo 963.
- 59391** RGS, ibidem, 25.11.1956, fl., leg. O. Camargo 1010.
- 60016** RGS, ibidem, 25.3.1957, fr., leg. O. Camargo 1322.
- 60482** RGS, Estação de Silvicultura p. Sta Maria, CL, in alte graminosis, 8.4.1956, fr., leg. O. Camargo 567.
- 60487** RGS, Estação de Silvicultura p. Sta Maria, CN, in alte graminosis, 8.4.1956, fl., leg. O. Camargo.
- 60489** RGS, ibidem, 8.4.1956, fl., leg. O. Camargo 550.
- 61556** RGS, Farroupilha, NEH, in late graminosis, 22.11.1957, fl., leg. O. Camargo 2675.
- 62927** RGS, Taquarí, NEL, in campestribus, 10.12.1957, fl., leg. O. Camargo 3008.
- 63087** RGS, Pelotas, SEC, in incultis, 11.3.1956, fl., leg. Schlichting.

**64212** SC, S. Joaquim, in incultis, 10.1.1958, fl., leg. Mattos.

**Habit:** Robust, erect, in thick bunches, culms up to 1 m high.

**Habitat:** Dry to moderately wet places, often on disturbed soil.

**Distribution in RGS:** Over the whole of the Campos and cultivated area.

**General distribution:** From SC to Uruguay and B. Aires.

*Paspalum vaginatum* Swartz, Nov. Gen. et Spec. (1788) 21; Döll, FB 2,2 (1877) 74; Cabrera, Fl. Alred. B. Aires (1953) 102; Reitz, Sellowia 7 (1956) 107.

**54337** SC, Laguna, prope litus in arenosis, 22.12.1951, fr., leg. R. Reitz 5031, det. Swallen.

**54338** SC, ibidem, 22.12.1951, leg. R. Reitz 5032, det. Swallen.

**54349** SC, ibidem, 5.6.1952, fr., leg. R. Reitz 5049, det. Swallen.

**54350** SC, ibidem, in humidis salsuginosis, 28.2.1952, fr., leg. R. Reitz 5051, det. Swallen.

**54774** RGS, Torres, NEC, prope litus in arenosis humidis, 11.2.1954, fr., det. Parodi.

**55371** SC, Rio Tavares in Insula Sta Catarina, in humidis salsuginosis, 23.12.1952, fr., leg. R. Reitz 7155, det. Swallen.

**55428** SC, ibidem, 23.12.1952, fr., leg. R. Reitz 7059, det. Swallen.

**56454** RGS, Cidreira, NEC, in arenosis humidis, 17.12.1954, fr.

**56852** SC, Arroio do Silva p. Araranguá, in arenosis late serpens, 19.2.1955, fr., 1.

**58031** SC, Rio Tavares in Insula Sta Catarina, in arenosis, 5.11.1953, fr. det. Swallen.

**Habit:** Extense stands, deeply rooting in the sand, culms up to 30 cm high.

**Habitat:** Wet to salty sands near the sea coast.

**Distribution in RGS:** Sea coast only.

**General distribution:** From USA to B. Aires and Chile.

*Paspalum yaguaronense* Henr.,

Reitz, Sellowia 7 (1956) 108.

**1936** RGS, p. Bom Jesus, NEH, in campestribus dumosis, 2.2.1934, fr., leg. J. Dutra, det. Swallen.

**7000** SC, Lages, in dumosis, 1935, fr., leg. A. Bruxel SJ, det. Swallen.

**35157** RGS, Fazenda da Ronda p. Vacaria, NEH, in dumosis, 15.1.1947, fr.

**39738** RGS, Parecí p. Montenegro, in dumosis, 14.1.1949, fr.

**55359** SC, Massiambú p. Palhoça, in arenosis, 5.2.1953, fr., leg. R. Reitz 7167, det. Swallen.

**60468** RGS, Sta Maria, CL, in campestribus alte graminosis, 8.4.1956, fr., leg. O. Camargo 566.

**60469** RGS, ibidem, 8.4.1956, fr., leg. O. Camargo 546.

**60470** RGS, ibidem, 8.4.1956, fr., leg. O. Camargo 545.

**Habit:** Robust, Culms up to 75 cm high.

**Habitat:** In more or less dry, shrubby, Campos.

**Distribution in RGS:** Widely scattered.

**General distribution:** From Paraná to Uruguay.

## **PENNISETUM** L.C.Rich.

**Pennisetum latifolium** Spreng., Syst. 1 (1825) 302; Ekman, Ark. f. Bot. 13, n.10 (1913) 35; Herter, Flor. Urug. (1930) 31; Cabrera, Fl. Alred. B. Aires (1953) 108; Reitz, Sellowia 7 (1956) 108. – *Gymnothrix tristachya* H.B.K., Nov. Gen. et Spec. 1 ( ) 113; Döll, FB 2,2 (1877) 303, tab. 61.

**1068** RGS, Sapucaia p. S. Leopoldo, NEL, in dumosis ad rivum, 5.10.1934, fl., leg. C. Orth SJ, det. Parodi.

**7013** SC, Lages, in dumosis ad viam, fl., leg. A. Bruxel SJ, det. Swallen.

**29959** RGS, Kappesberg p. Montenegro, NES, ad rivum in alte dumosis, 25.3.1945, fl., leg. E. Friderichs SJ, det. Swallen.

**31269** RGS, Vila Oliva p. Caxias, NEH, in dumosis, 21.2.1946, fl. fr.

**33191** RGS, ibidem, 16.1.1946, fr.,

**33292** RGS, Caracol p. Canela, NEH, ad viam in silva, 26.2.1946, fr., leg. K. Emrich.

**59779** RGS, Farroupilha, NEH, in dumosis, 25.3.1957, fl., leg. O. Camargo 1317.

**59780** RGS, ibidem, 15.3.1957, fl., leg. O. Camargo 1155.

**60374** RGS, Estação de Silvicultura p. Sta Maria, CL, in dumosis, 8.3.1956, fr., leg. O. Camargo 595.

**Habit:** Culms up to 1,5 m high.

**Habitat:** More or less shrubby places among high grasses.

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

**General distribution:** From Mexico to Uruguay and B. Aires.

**Pennisetum purpureum** Schuman, Schum. et Thonn, m Beskr. ( ) tab. 44.

**882** RGS, Vila Manresa p. P. Alegre, NEL, in incultis, 5.1.1933, fr., leg. C. Orth SJ, det. A. Chase.

**25487** RGS, S. Leopoldo, NEL, in incultis, 1943, fr., leg. R. Reitz.

**28989** RGS, Vila Manresa p. P. Alegre, NEL, in incultis, 15.8.1945, fl., det. Swallen.

**58766** RGS, Estação de Silvicultura p. Sta Maria, CL, culta, 1.3.1956, ster., leg. O. Camargo 101.

**Habit:** Large bunches, culms up to 3 m high.

**Habitat:** Cultivated and subsponaneous in secondary growth.

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

**General distribution:** Native to tropical Africa, widely scattered in South America.

## PHALARIS L.

**Phalaris angusta** Nees, Agrost. Bras. (1829) 391; Döll, FB 2,2 (1871) 28, tab. 9; Ekman, Ark. f. Bot. 11,n.4 (1912) 29; Herter, Flor. Urug. (1930) 32; Cabrera, Fl. Alred. B. Aires (1953) 89;

**726** RGS, Vila Manresa p. P. Alegre, NEL, in agro, 5.10.1932, fr., leg. C. Orth SJ, det. Chase.

**2902** RGS, S. Borja, SW, in incultis, 1943, fr., leg. Fr. Baglione.

**2903** RGS, ibidem, fr., leg. Fr. Baglione.

**6652** RGS, sine die, sine loco, fr., det. Swallen.

**10843** RGS, Sta Maria, CL, in incultis, 1943, fr., leg. A. Heidler SJ.

**26647** RGS, Parecí p. Montenegro, NEL, in incultis, 1944, fr., leg. E. Henz SJ.

**26714** RGS, Cêro Largo p. S. Luiz, NWH, in incultis, 8.1944, fr., det. E. Friderichs SJ.

**32872** RGS, Kappesberg p. Montenegro, NES, in incultis, 24.10.1945, leg. E. Friderichs SJ.

**33212** RGS, Parecí p. Montenegro, NEL, in campestribus graminosis, 22.10.1945, fr., leg. E. Henz SJ.

**33983** RGS, Vila Manresa p. P. Alegre, NEL, in agro, 10.9.1946, fr.

**34334** RGS, Cerro Largo p. S. Luiz, NWH, in incultis, 31.10.1946, fl., leg. Irm. Augusto.

**35525** RGS, S. Leopoldo, NEL, in incultis, 6.11.1946, fl., leg. E. Henz SJ.

**37987** RGS, Barra do Ribeiro p. P. Alegre, NEL, in arenosis, 14.11.1948, fr., det. Swallen.

**43738** RGS, Morro do Sabiá p. P. Alegre, NEL, ad viam in incultis, 5.10.1949, fr., det. Swallen.

**54453** RGS, Vila Manresa p. P. Alegre, NEL, in agro, 12.11.1953, fr.

**56007** RGS, ibidem, in incultis, 19.11.1954, fr.

**57227** RGS, ibidem, 15.10.1955, fl.

**59627** RGS, Farroupilha, NEH, in incultis, 26.10.1956, fl., leg. O. Camargo 867.

**60866** RGS, ibidem, in incultis, 8.7.1957, fl., leg. O. Camargo 1641.

**61856** RGS, Garibaldi, NEH, in incultis, 29.10.1957, fl., leg. O. Camargo 2281.

**62211** RGS, Farroupilha, NEH, in incultis, 10.10.1957, fl., leg. O. Camargo 1910.

**63379** RGS, Pelotas, SEC, in incultis, 19.10.1954, fl., leg. J. Sacco 206, det. Swallen.

**Habit:** Culms up to 1 m high.

**Habitat:** Disturbed soil, often dominant.

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

**General distribution:** South Brazil, Uruguay, Argentina.

## PHARUS L.

**Pharus glaber** H.B.K., Nov. Gen. et Spec. 1 (1815) 196; Döll, FB 2,2 (1871) 21, tab. 6; Ekman, Ark. f. Bot. 11,n.4 (1912) 28; idem, Ark. f. Bot. 13,n.10 (1913) 36; Herter, Flor. Urug. (1930) 32; Reitz, Sellowia 7 (1956) 108.

**725** RGS, Vila Manresa p. P. Alegre, NEL, in silva pluviali, 5.1.1933, fr., leg. C. Orth SJ, det. Chase, Parodi. (20)

**7454** RGS, S. Leopoldo, NEL, in silva campestri, 1907, fr., leg. F. Theissen SJ.

**10840** RGS, Cerro Largo p. S. Luiz, NWH, in silva pluviali, 1.1943, fl., leg. P. Buck SJ.

**29436** RGS, Vila Manresa p. P. Alegre, NEL, in silva pluviali, 15.11.1945, fr. (20).

**33029** RGS, Parecí p. Montenegro, NEL, in silva pluviali, 15.1.1946, leg. A. Strieder SJ.

**33245** RGS, ibidem, 10.12.1945, fr., leg. E. Henz SJ.

**36083** RGS, Campinas p. Sta Rosa, NEH, in silva pluviali, 2.1947, leg. A. Spies.

**39185** RGS, Morro da Polícia p. P. Alegre, NEL, in silva pluviali, 27.12.1948, fl.

**40018** RGS, Linha Bonita p. Montenegro, NES, in silva pluviali, 19.1.1949, fl.

**40104** RGS, Vila Manresa p. P. Alegre, NEL, in silva pluviali, 22.1.1949, fr.

**41709** RGS, Schwabenschneis p. S. Leopoldo, NES, in silva pluviali, 25.5.1949, fr.

**42151** RGS, ibidem, 25.6.1949, fr.

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(20) = **Pharus angustifolia** Doell, det. V. Citadini, 26.06.1977.

**45901** RGS, Lagoa dos Quadros p. Torres, NEC, in silva pluviali, 21.2.1950, fr.

**46099** RGS, Vila Manresa, p. P. Alegre, NEL, in silva pluviali, 3.3.1950, fl.

**49942** SC, Itapiranga p. fl. Uruguay superius, in silva pluviali, 6.2.1951, fr.

**51143** Paraná, Astorga, in silva pluviali, 29.1.1950, fr., leg. G. Hatschbach 1830, det. Parodi (20).

**53524** Paraná, Cascavel, in silva pluviali, 10.1.1953, fr. deciso (20).

**53688** SC, Itapiranga p. fl. Uruguay superius, in silva pluviali, 17.1.1953, fr.

**53714** SC, ibidem, 17.1.1953, fr.

**58687** RGS, Estação de Silvicultura p. Sta Maria, CL, in silva, 28.2.1956, fr., leg. O. Camargo 4.

**63371** RGS, Pelotas, SEC, in silva, 11.3.1955, fl., leg. J. Sacco 287.

**Habit:** Culms up to 75 cm high.

**Habitat:** Dark rain forest.

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

**General distribution:** From the Antilles to Uruguay.

## **PIPTOCHAETIUM Presl**

**Piptochaetium confusum** Parodi,

**29374** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis graminosis, 3.11.1945, fr., det. Swallen.

**Habit:** Dense bunches, up to 40 cm high.

**Habitat:** Dry Campos, among other bunchgrasses.

**Distribution in RGS:** Northeastern Lowlands.

**General distribution:** RGS.

**Piptochaetium lasianthum** Gris., Symb. (1879) 297; Herter, Flor. Urug. (1930) 34; Cabrera, Fl. Alred. B. Aires (1953) 77.

**33083** Uruguay, Juan Jackson p. Soriano, in campestribus alte graminosis, 12.1942, fr., leg. B. Rosengurt PE-5124, det. Chase.

**37868** RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus alte graminosis, 6.11.1948, fr., det. Swallen.

**43713** RGS, Morro Sta Teresa p. P. Alegre, NEL, in campestribus siccis alte graminosis.

**Habit:** Bunches up to 1 m high.

**Habitat:** Dry, grassy Campos.

**Distribution in RGS:** Northeastern Lowlands.

**General distribution:** Northeastern Argentina, RGS, Uruguay.

**Piptochaetium montevidense** (Spreng.) Parodi, Rev. Fac. Agron. Vet. B. Aires, 7 (1930) 78; Herter, Flor. Urug. (1930) 34; Cabrera, Fl. Alred. B. Aires (1953) 78. – *Urachne panicoides* Trin., Act. Petrop. 1849, 23; Döll, FB 2,2 (1878) 3. – *Caryochloa montevidenses* Spreng., Syst. Veg. Cur. Post. (1827) 31; Ekman, Ark. f. Bot. 13,n.10 (1913) 40.

724 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis, 5.10.1932, fr. leg. C. Orth SJ, det. Parodi.

26819 RGS, P. Alegre, NEL, in campestribus siccis, 11.1944, fr., leg. P. Capparelli.

26991 RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis, 10.1944, fr.

29162 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus dumosis, 12.9.1945, fr., det. Swallen.

29253 RGS, ibidem, 10.10.1945, fr., det. Swallen.

29373 RGS, ibidem, 3.11.1945, fr., det. Swallen.

32540 RGS, Parecí p. Montenegro, NEL, in campestribus siccis, 31.10.1945, fr., leg. E. Henz SJ, det. Swallen.

32572 RGS, ibidem, 30.10.1945, fr., leg. E. Henz SJ.

32758 RGS, ibidem, 17.10.1945, fr., det. Henz SJ, det. Swallen.

33888 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis, 25.9.1946, fr.

34202 RGS, ibidem, 16.10.1946, fr.

35367 RGS, S. Leopoldo, NEL, in campestribus siccis, 6.11.1946, fr., leg. E. Henz SJ.

35399 RGS, ibidem, 2.10.1946, fr., leg. E. Henz SJ.

36437 RGS, Cambará p. S. Francisco de Paula, NEH, in campestribus siccis, 2.1948, det. Swallen.

37850 RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis, 4.11.1948, fr., det. Swallen.

37855 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis, 4.11.1948, fr., det. Swallen.

43601 RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis, 28.9.1949, fr., det. Swallen.

43645 RGS, Morro das Abelhas p. P. Alegre, NEL, in campestribus siccis, 30.9.1949, fl.

48821 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis, 22.9.1950, fr.

52270 Paraná, Timoneira, in campestribus siccis, 26.11.1950, fr., leg. G. Hatschbach 2035, det. Parodi.

53774 RGS, Parecí p. Montenegro, NEL, in campestribus siccis dense graminosis, 7.10.1949, fr.

54421 RGS, Vila Manresa p. P. Alegre, NEL, in agro, 12.11.1953, fl., det. Swallen.

- 56047 RGS, *ibidem*, 19.11.1954, fr.  
 57014 RGS, ad montem Sapucaia p. S. Leopoldo, NEL, in alte graminosis, 26.10.1955, fr.  
 57207 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis, 22.10.1955, fr.  
 57225 RGS, *ibidem*, 15.10.1955, fr.  
 57353 RGS, Estação de Silvicultura p. Sta Maria, CL, in alte graminosis, 15.11.1955, fr. leg. O. Camargo 23.  
 59540 RGS, Farroupilha, NEH, in siccis graminosis, 22.10.1956, fr., leg. O. Camargo 843.  
 61842 RGS, Garibaldi, NEH, in alte graminosis, 29.10.1957, fl., fr., leg. O. Camargo 2257.  
 62219 RGS, Bento Gonçalves, NEH, in dense graminosis, 6.10.1957, fr., leg. O. Camargo 1932.  
 62269 RGS, P. Alegre, NEL, in campestribus, 1.10.1957, fr., leg. O. Camargo 1836.  
 62495 RGS, Passo Fundo, CH, in campestribus, 20.10.1957, fr., leg. O. Camargo 2139.  
 62770 RGS, Farroupilha, NEH, in graminosis, 21.10.1957, fl., leg. O. Camargo 2342.  
 63386 RGS, Pelotas, SEC, in campestribus, 5.10.1954, fl., leg. J. Sacco 78, det. Parodi.  
**Habit:** Dense bunches, up to 40 cm high.  
**Habitat:** Dry, grassy, Campos.  
**Distribution in RGS:** Over the whole of the Campos area.  
**General distribution:** Paraguay, South Brazil, Uruguay, Argentina, Chile.

**Piptochaetium panicoides** (Lam.) Desv., in Gay, Fl. Chil. 6 (1853) 270; Herter, Flor. Urug. (1930) 34; Cabrera, Fl. Alred. B. Aires (1953) 78.  
 – *Stipa panicoides* Lam., Illustr. Gen. 1 (1791) 158.

- 63385 RGS, Pelotas, SEC, in campestribus, 5.10.1954, fl., fr., det. Swallen.  
**Habit:** Up to 40 cm high.  
**Habitat:** Dry Campos.  
**Distribution in RGS:** Only findplace.  
**General distribution:** RGS, Uruguay, B. Aires.

**Piptochaetium ruprechtianum** Desv.,

- 38117 RGS, Morro da Polícia p. P. Alegre, NEL, in alte graminosis, 20.11.1948, fr., det. Swallen.  
 38391 RGS, Sapucaia p. S. Leopoldo, NEL, in campestribus siccis alte dumosis, 29.11.1948, fr.



**43574** RGS, Portão p. S. Leopoldo, NEL, in campestribus alte dumosis, 23.9.1949, fr., det. Swallen.

**43652** RGS, Morro das Abertas p. P. Alegre, NEL, in campestribus alte graminosis, 30.9.1949, fr.

**44038** RGS, Morro do Osso p. P. Alegre, NEL, in campestribus siccis alte graminosis, 21.10.1949, fr., det. Swallen.

**44131** RGS, Barreto Vianna p. S. Leopoldo, NEL, in campestribus siccis alte dumosis, 24.10.1949, fr., leg. Swallen.

**Habit:** Bunches up to 50 cm high.

**Habitat:** Dry, densely grassy Campos.

**Distribution in RGS:** Northeastern Lowlands.

**General distribution:** RGS, Uruguay, B. Aires.

**Piptochaetium stipoides** (Trin. et Rupr.) Hack., ap. Arech. Gram. Urug. (1896) 268; Herter, Flor. Urug. (1930) 34; Cabrera, Fl. Alred. B. Aires (1953) 77. — *Urachne stipoides* Trin. et Rupr., Act. Ac. St. Petersb., ser. 6,5 (1842) 25; Döll, FB, 2,3 (1878) 5.

**43697** RGS, Morro de Sta Teresa p. P. Alegre, NEL, in campestribus graminosis, 3.10.1949, fr., det. Swallen.

**Habit:** Bunches up to 50 cm high.

**Habitat:** Dry, densely grassy Campos.

**Distribution in RGS:** Northeastern Lowlands.

**General distribution:** South Brazil, Uruguay, B. Aires.

## POA L.

**Poa annua** L., Spec. Plant. (1753) 68: Döll, FB 2,3 (1878) 121; Herter, Flor. Urug. (1930) 37; Cabrera, Fl. Alred. B. Aires (1953) 65; Reitz, Sellowia 7 (1956) 108.

**1005** RGS, S. Leopoldo, NEL, in incultis, 12.10.1934, fr., leg. C. Orth SJ, det. Chase.

**26818** RGS, P. Alegre, NEL, in incultis, 9.1944, fr., leg. P. Capparelli.

**29049** RGS, Vila Manresa p. P. Alegre, NEL, in incultis, 25.8.1945, fr., det. Parodi.

**29621** RGS, Parecí p. Montenegro, NEL, in agro, 19.9.1945, fr.

**30520** SC, Jacinto Machado p. Araranguá, in pascuo, 27.10.1943, fr. leg. R. Reitz 944.

**33922** RGS, Vila Manresa p. P. Alegre, NEL, in incultis, 18.9.1946, fr.

**43086** RGS, Linha Bonita p. Montenegro, NEL, in agro, 24.8.1949, fr.

**56855** RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in incultis ad viam, 2.1.1955, fl.

**57142** RGS, Vila Manresa p. P. Alegre, NEL, in incultis, 4.11.1955, fl.

**59654** RGS, Farroupilha, NEH, in incultis, 30.8.1956, fl., leg. O. Camargo 723.

**60075** SC, Campo dos Padres p. Bom Retiro, in incultis, 22.1.1957, fr.

**61193** SC, Itapiranga ad fl. Uruguay superius, in incultis, 7.10.1957, fl.

**62272** RGS, Farroupilha, NEH, in incultis, 12.9.1957, fl., leg. O. Camargo, 1680.

**62394** RGS, ibidem, 12.9.1957, fl., leg. O. Camargo 1707.

**62404** RGS, ibidem, 12.9.1957, fl., leg. O. Camargo 1698.

**62549** RGS, Garibaldi, NEH, in incultis, 13.10.1957, fl., leg. O. Camargo 2062.

**Habit:** Prostrate to ascending, often densely matted.

**Habitat:** Disturbed soil only.

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

**General distribution:** Native to Europe, widely scattered over America.

*Poa bonariensis* (Lam.) Kunth, Rev. Gram. 1 (1829) 115; Herter, Flor. Urug. (1930) 37; Cabrera, Fl. Alred. B. Aires (1953) 65. – *Festuca bonariensis* Lam., Ill. Gen. 1 (1791) 192.

**873** RGS, Vila Manresa p. P. alegre, NEL, in campestribus saxosis, 5.10.1933, fr., leg. C. Orth SJ, det. Chase.

**Habit:** Bunchy, erect, up to 50 cm high.

**Habitat:** More or less wet, grassy, places.

**Distribution in RGS:** No other findplace.

**General distribution:** RGS, Uruguay, B. Aires.

*Poa bradei* Pilger,

**56414** RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in subhumidis graminosis, 2.1.1955, fl., det. Parodi.

**60045** SC, Campo dos Padres p. Bom Retiro, in humidis graminosis, 24.1.1957, fl.

**60553** SC, S. Joaquim, in campestribus alte graminosis, leg. J. Mattos.

**Habit:** Slender, 50 cm high.

**Habitat:** Wet, grassy places.

**Distribution in RGS:** Northeastern Highlands.

**General distribution** SC, RGS.

*Poa lanigera* Nees, Agrost. Bras. (1829) 491; Döll, FB 2,3 (1878) 120; Herter, Flor. Urug. (1930) 38; Cabrera, Fl. Alred. B. Aires (1953) 65.

**34143** RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus siccis, 15.1.1947, fr.

- 37710 RGS, Vila Manresa p. P. Alegre, NEH, in rupestribus alte graminosis, 22.9.1948, fr.  
 37759 RGS, ibidem, 1.10.1948, fr.  
 37761 RGS, ibidem, 1.10.1948, fr.  
 43489 RGS, ibidem, 20.9.1949, fr., det. Swallen.  
 43607 RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis, 28.9.1949, fr.  
 43617 RGS, ibidem, 28.9.1949, fr.  
 43642 RGS, Morro das Abertas p. P. Alegre, NEL, in campestribus alte graminosis, 30.9.1949, fr.  
 48743 RGS, Osório, NEC, in arenosis subsiccis, 11.9.1950, fr.  
 48826 RGS, Vila Manresa p. P. Alegre, NEL, in saxosis alte graminosis, 22.9.1950, fr.  
 48988 RGS, ibidem, 18.10.1950, fr.  
 59502 RGS, Farroupilha, NEH, in alte graminosis, 26.10.1956, fl., leg. O. Camargo 883 (21).

**Habit:** Bunchy, erect, up to 50 cm high.

**Habitat:** More or less dry Campos.

**Distribution in RGS:** Northeastern quadrant.

**General distribution:** South Brazil, Uruguay, B. Aires.

*Poa montevidensis* Arech.,

Herter, Flor. Urug. (1930) 38.

- 2724 RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus saxosis, 2.10.1935, fr., leg. C. Orth SJ, det. Chase.  
 29198 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus saxosis, 12.9.1945, fr.  
 34143 RGS, ibidem, 16.10.1945, fr.  
 34204 RGS, ibidem, 16.10.1946, fr.  
 34444 RGS, Taquarí, NEL, in incultis, 7.11.1946, fr., leg. P. Capparelli.  
 56954 RGS, Vila Manresa p. P. Alegre, NEL, in alte graminosis, 24.9.1955, fl.  
 57145 RGS, ibidem, 18.9.1955, fl.  
 57146 RGS, ibidem, 24.9.1955, fl.

**Habit:** Bunchy, up to 50 cm high.

**Habitat:** Dry, stony, Campos.

**Distribution in RGS:** Northeastern Lowlands.

**General distribution:** RGS, Uruguay.

*Poa trivialis* L., Spec. Plant. (1753) 67; Cabrera, Fl. Alred. B. Aires (1953) 65.

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(21) = *Poa trivialis*, det. H. Longhi, 04.01.1974.

**62332** RGS, Montenegro, NEL, in tritis, 19.9.1957, fl., leg. O. Camargo 1782.

**Habit:** Prostrate to ascending.

**Habitat:** Disturbed soil.

**Distribution in RGS:** Cultivated area, rare.

**General distribution:** RGS, Uruguay, B. Aires.

## **POLYPOGON** Desf.

**Polypogon elongatus** H.B.K., Nov. Gen. et Spec. 1 (1815) 134; Döll, FB 2,3 (1878) 43, tab. 11; Herter, Flor. Urug. (1930) 33; Cabrera, Fl. Alr. B. Aires (1953) 78.

**874** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus alte dumosis, 5.10.1933, fl., C. Orth SJ, det. Chase, Parodi, Swallen.

**28387** RGS, ibidem, 3.11.1945, fr., det. Swallen.

**32557** RGS, Parecí p. Montenegro, NEL, in incultis, 22.10.1945, fl., leg. E. Henz SJ.

**35164** RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus alte dumosis, 15.1.1947, fl.,

**38481** RGS, Vila Manresa p. P. Alegre, NEL, in humidis alte dumosis, 1.12.1948, fr., det. Swallen.

**49216** RGS, Parecí p. Montenegro, NEL, ad viam ferream in dumosis, 26.11.1950, fl.

**59209** RGS, Vila Manresa p. P. Alegre, NEL, in alte graminosis, 22.1.1956, fl.

**59734** RGS, Farroupilha, in dumosis, 28.5.1956, fr., leg. O. Camargo 735.

**Habit:** Erect, Slender, up to 1,5 m high.

**Habitat:** Shrubby, more or less wet places.

**Distribution in RGS:** Northeastern quadrant.

**General distribution:** From Minas Gerais to Uruguay and B. Aires.

**Polypogon monspeliensis** (Döll) Desf., Fl. Atlant. 1 (1798) 67; Herter, Flor. Urug. (1930) 33; Cabrera, Fl. Alred. B. Aires (1953) 78. – *Alopecurus monspeliensis* L., Spec. Plant. (1753) 61.

**56470** RGS, Torres, NEC, ad ipsum mare in rupestribus, 19.1.1959, fr., det. Parodi (Swallen: *P. rioplatensis* Hert.).

**Habit:** Low, cespitose.

**Habitat:** Rocky places, in the surf.

**Distribution in RGS:** Northeastern sea coast.

**General distribution:** Native to Europa; RGS, Uruguay, B. Aires.

**PSEUDECHINOLAENA Stapf**

**Pseudechinolaena polystachya** (H.B.K.) Stapf, in Prain, Fl. Trop. Afr. 9 (1919) 495; Cabrera, Fl. Alred. B. Aires (1953) 105; Reitz, Sellowia 7 (1956) 108. — *Echinolaena polystachya* H.B.K., Nov. Gen. et Spec. 1 (1816) 119.

**723** RGS, Vila Manresa p. P. Alegre, NEL, in silva, 5.1.1933, fl., det. Chase.

**4344** RGS, Taimbesinho p. S. Francisco de Paula, NEH, in araucarieto, 7.1.1941, ster., det. Swallen.

**7023** SC, Lages, in silvula campestri, 1935, ster., leg. A. Bruxel SJ.

**7037** SC, ibidem, 1935, fr., leg. A. Bruxel, SJ, det. Swallen.

**7743** RGS, S. Leopoldo, NEL, in silva campestri, 1907, fr., leg. F. Theissen SJ.

**9188** RGS, Jarí p. Tupanciretan, NWH, in silva campestri, 26.1.1942, fr.

**9594** RGS, ibidem, 28.1.1942, fr.

**28634** RGS, Nonoai ad fl. Uruguay, NWU, in silva campestri, 3.1945, fl.

**29331** RGS, Vila Manresa p. P. Alegre, NEL, in silva campestri, 26.10.1945, fl., det. Parodi.

**30738** RGS, Vila Oliva p. Caxias, NEH, in araucarieto, 28.1.1946, fr., det. Swallen.

**39578** RGS, Cachoeirinha p. Gravataí, NEL, in silva campestri, 7.1.1949, fr., leg. Swallen.

**41540** RGS, Vila Manresa p. P. Alegre, NEL, in silva, 14.5.1949, fr., leg. Swallen.

**41793** RGS, Esteio p. S. Leopoldo, NEL, in silva campestri, 1.6.1949, fr., det. Swallen.

**45627** RGS, S. Francisco de Paula, NEH, in araucarieto, 31.1.1950, fr.

**49688** RGS, Lagoa dos Quadros p. Torres, NEC, in silva riparia, 18.1.1951, fr.

**54946** RGS, Vila Oliva p. Caxias, NEH, in humidis umbrosis, 24.2.1949, fr., det. Swallen.

**55372** SC, Serra da Boa Vista p. S. José, ad silvam, 4.2.1953, fr., leg. R. Reitz 7154, det. Swallen.

**56780** RGS, Vila Oliva p. Caxias, NEH, in araucarieto, 8.2.1955, fr.

**58592** RGS, Taimbesinho p. S. Francisco de Paula, NEH, in araucarieto, 12.2.1956, fr., fr.,

**59025** RGS, Estação de Silvicultura p. Sta Maria, CL, in umbrosis, 12.2.1956, fr., leg. O. Camargo 166.

**59832** RGS, Farroupilha, NEH, in silva, 15.2.1957, fl., leg. O. Camargo 1143.

**59833** RGS, ibidem, 25.3.1957, fr., leg. O. Camargo 1313.

**61964** RGS, Lageado, NEL, in silva, 4.12.1957, fl., leg. O. Camargo 2730.

**64209** SC, S. Joaquim, in umbrosis, 10.1.1958, fl., leg. J. Mattos.

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

**Habitat:** Interior of rain forest.

**Distribution in RGS:** Frequent in the whole of the forested area.

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

### SACCIOLEPIS Nash

*Sacciolepis strumosa* (Presl.) Chase,

**1049** RGS, S. Leopoldo, NEL, in paludosis alte dumosis, 16.5.1933, fr., leg. C. Orth SJ, det. Chase, Parodi.

**7032** SC, Lages, in paludosis alte dumosis, 1935, fr., leg. A. Bruxel SJ, det. Swallen.

**39536** RGS, Cachoeirinha p. Gravataí, NEL, in paludosis alte dumosis, 7.1.1949, fl.

**42212** RGS, Fazenda do Arroio p. Osório, NEC, in paludosis alte dumosis, 4.1.1950, fr.

**45351** RGS, Serra da Rocinha p. Bom Jesus, NEH, in paludosis alte graminosis, 18.1.1950, fr.

**46177** RGS, Fazenda do Arroio p. Osório, NEC, in paludosis, 6.3.1950, fr.

**54929** RGS, Vila Oliva p. Caxias, NEH, in paludosis alte dumosis, 24.2.1954, fr., det. Swallen.

**56674** RGS, ibidem, 8.2.1955, fr., det. Swallen (Parodi: *S. campestris* (Nees)).

**Habit:** Culms up to 1 m high.

**Habitat:** Densely vegetated swamps.

**Distribution in RGS:** Northeastern quadrant.

**General distribution:**

*Sacciolepis vilfoides* (Trin.) Chase.

*Panicum vilfoides* Trin., De Gram. Pan. ( ) 171; Döll, FB 2,2 (1877) 232, tab. 32; Ekman, Ark. f. Bot. 13,n.10 (1913) 27.

**35145** RGS, Fazenda da Ronda p. Vacaria, NEH, in paludosis dense dumosis, 15.1.1947, fr., det. Parodi.

**36467** RGS, Cambará p. S. Francisco de Paula, NEH, in paludosis alte graminosis, 2.1948, fr., det. Swallen.

**62966** RGS, Bom Jesus, NEH, in paludosis, 6.1.1958, fl., leg. O. Camargo 3124.

**62967** RGS, ibidem, 6.1.1958, fl., leg. O. Camargo 3146.

**Habit:** Very similar (identical?) to the precedent.

**Habitat:** Densely vegetated swamps.

**Distribution in RGS:** Northeastern Highlands.

**General distribution:** From Guyana to RGS.

### **SCLEROPOA** Griseb.

*Scleropoa rigida* (L.) Gris., Spic. Fl. Rum. 2 (1844) 431; Herter, Flor. Urug. (1930) 38. — *Poa rigida* L., Spec. Plant. (1753) 5.

**852** RGS, Vila Manresa p. P. Alegre, NEL, in incultis, 15.10.1942, fr., leg. C. Orth SJ, det. Chase.

**26979** RGS, ibidem, 10.1944, fr., det. Parodi.

**29335** RGS, ibidem, 26.10.1945, fr., det. Parodi.

**38079** RGS, ibidem, 17.11.1948, fr., det. Swallen.

**56955** RGS, ibidem, 15.10.1955, fl.

**Habit:** Densely caespitose, up to 30 cm high.

**Habitat:** Disturbed soil.

**Distribution in RGS:** Northeastern Lowlands.

**General distribution:** Native to Europe; RGS, Uruguay, B. Aires.

### **SETARIA** Beauv.

*Setaria caespitosa* Hack. et Arech., Gram. Urug. (1894) 146, fig. 15; Herter, Flor. Urug. (1930) 31; Cabrera, Fl. Alred. B. Aires (1954) 104, fig. 26 G.

**60370** RGS, Estação de Silvicultura p. Sta Maria, CL, in alte graminosis, 8.4.1956, fl., leg. O. Camargo 583.

**Habit:** Caespitose, 30-50cm high.

**Habitat:** Dry, grassy Campos.

**Distribution in RGS:** Western Campos area.

**General distribution:** RGS, Uruguay, B. Aires.

*Setaria fiebrigii* Herrm., *Setaria* (1909) 56; Cabrera, Fl. Alred. B. Aires (1953) 104.

**721** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis, 5.12.1932, fr., leg. C. Orth SJ, det. Parodi (Chase: *S. setosa*(L.) Beauv.)

**30739** RGS, Vila Oliva p. Caxias, NEH, in campestribus alte graminosis, 28.1.1946, fr., det. Swallen.

**41799** RGS, Esteio p. S. Leopoldo, NEL, in campestribus siccis alte graminosis, 1.6.1949, fr.

**42794** RGS, Sapucaia p. S. Leopoldo, NEL, in arenosis dumosis, 5.8.1949, fr., det. Swallen.

**43628** RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus alte graminosis, 28.9.1949, fr., det. Swallen.

**51085** RGS, Linha Pinhal p. Montenegro, NES, in dumosis secundariis, 20.11.1950, fr., leg. A. Sehnem.

**57132** RGS, Esteio p. S. Leopoldo, NEL, in graminosis siccis, 14.11.1955, fr.

**Habit:** Bunchy, erect, 40 cm high.

**Habit:** Dry, grassy, Campos.

**Distribution in RGS:** Northeastern Lowlands.

**General distribution:** RGS, Uruguay, B. Aires.

*Setaria geniculata* (Lam.) Beauv., Ess. Agrost. 51, 178 (1812); Herter, Flor. Urug. (1930) 31; Cabrera, Fl. Aired. B. Aires (1953) 104; Reitz, Sellowia 7 (1956) 108. – *Panicum geniculatum* Lam., Encycl. Méthod. 4 (1797) 727; Döll, FB 2,2 (1878) 737.

**722** RGS Vila Manresa p. P. Alegre, NEL, in incultis, 6.12.1932, fr., leg. C. Orth SJ, det. Chase.

**838** RGS, ibidem, in campestribus siccis, 8.2.1933, fr., leg. C. Orth SJ, det. Parodi.

**1851** RGS, Vacaria, NEH, in campestribus siccis graminosis, 6.1.1935, fr., leg. Dutra, det. Swallen.

**2905** RGS, S. Borja, SW, in campestribus dense graminosis, 1943, fr., leg. fr. Baglione.

**3901** RGS, Livramento, SW, in campestribus siccis, 12.1.1941, fr.

**7008** SC, in campestribus siccis dumosis, 1935, fr., leg. A. Bruxel SJ, det. Swallen.

**7437** RGS, S. Leopoldo, NEL in campestribus siccis, 1907, fr., leg. F. Theissen SJ.

**9867** RGS, Tupanciretan, NWH, in campestribus siccis, 29.1.1942, fr., det. Parodi, Swallen.

**9873** RGS, ibidem, 29.1.1942, fr.

**25566** RGS, Fazenda Sta Cecília p. S. Gabriel, SW, in campestribus siccis, 1.1944, fr.

**28473** RGS, Nonoai ad fl. Uruguay, NWU, in campestribus alte graminosis, 3.1945, fr.

**28852** SC, Trindade p. Florianópolis, in arenosis siccis, 5.2.1945, fr., leg. A. Rohr SJ.



- 29166** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis, 12.9.1945, fr.
- 29381** RGS, ibidem, 3.11.1945, fr.
- 29687** RGS, Parecí p. Montenegro, NEL, in campestribus siccis, 10.9.1945, fr.
- 31232** RGS, Vila Oliva p. Caxias, NEH, in campestribus siccis, 13.1.1946, fr.
- 32228** RGS, Azulega p. S. Francisco de Paula, NEH, in campestribus alte graminosis, 15.2.1946, fr.
- 33021** RGS, Parecí p. Montenegro, NEL, in campestribus alte graminosis, 10.10.1945, fr.
- 35161** RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus siccis, 15.1.1947, fr.
- 35607** RGS, S. Leopoldo, NEL, in campestribus alte graminosis, 20.12.1946, fr., leg. B. Wagner SJ.
- 36438** RGS, Cambará p. S. Francisco de Paula, NEH, in campestribus graminosis, 2.1948, fr., det. Swallen.
- 36443** RGS, ibidem, 2.1948, fr., det. Swallen.
- 37975** RGS, Barra do Ribeiro p. P. Alegre, NEL, in arenosis siccis, 14.11.1948, fr., det. Swallen.
- 39999** RGS, Linha Bonita p. Montenegro, NES, in incultis, 19.1.1949, fr.
- 40980** RGS, ad fl. Gravataí inferius p. P. Alegre, NEL, in campestribus siccis, 10.4.1949, fr., det. Swallen.
- 46324** RGS, Cristo Rei p. S. Leopoldo, NEL, in campestribus arenosis, 17.3.1950, fr., det. Swallen.
- 48341** SC, Figueiredo p. Bom RETiro, in campestribus subhumidis, 28.12.1948, fr., leg. R. Reitz 3472, det. Swallen.
- 52741** RGS, Uruguiana, SW, in campestribus, 1.8.1952, fr., leg. et det. Beetle.
- 54341** SC, Laguna, prope litus in arenosis, 20.2.1952, leg. R. Reitz 5036, det. Swallen.
- 55072** RGS, Vila Oliva p. Caxias, NEH, in campestribus alte dumosis, 24.2.1954, fr.
- 55341** SC, Rio Negrinho, in campestribus dumosis, 26.1.1953, fr., leg. R. Reitz 7190, det. Swallen.
- 55358** SC, Massiambú p. Palhoça, in arenosis, 5.2.1953, fr., leg. R. Reitz 7168, det. Swallen.
- 55386** SC, Anitápolis p. Palhoça, in dumosis, 2.4.1953, fr. leg. R. Reitz 7128, det. Swallen.
- 55422** SC, Massiambú p. Palhoça, in arenosis, 2.3.1953, fr., leg. R. Reitz 7069, det. Swallen.
- 56005** RGS, Vila Manresa p. P. Alegre, NEL, in incultis, 19.11.1954, fr.

**57025** RGS, ad montem Sapucaia p. S. Leopoldo, NEL, in siccis graminosis, 26.10.1955, fr.

**57511** RGS, Estação de Silvicultura p. Sta Maria, CN, in siccis graminosis, 30.11.1955, fl., fr., leg. O. Camargo 70.

**58032** SC, Ibirama, in incultis, 20.10.1953, fr., leg. R. Reitz 8274, fr., det. Swallen.

**58650** RGS, Estação de Silvicultura p. Sta Maria, CN, in alte graminosis, 20.1.1956, fr., leg. O. Camargo 70.

**59390** RGS, Farroupilha, NEH, in siccis alte graminosis, 15.11.1956, fr. leg. O. Camargo 955.

**60372** RGS, Estação de Silvicultura p. Sta Maria, CN, 8.4.1956, fr., leg. O. Camargo 615.

**60373** RGS, ibidem, 8.4.1956, fr., leg. O. Camargo 580.

**61982** RGS, Taquarí, NEL, in incultis, 8.12.1957, fr., leg. O. Camargo 2765.

**64208** SC, S. Joaquim, in incultis, 10.1.1958, fr., leg. J. Mattos.

**64243** SC, Lages, 17.2.1958, fl., leg. J. Mattos, in campestribus.

**Habit:** Up to 50 cm high.

**Habitat:** Dry Campos; often weed on cultivated soil.

**Distribution in RGS:** Frequent over the whole cultivated and Campos area.

**General distribution:** South Brazil, Uruguay, B. Aires, Chile.

***Setaria lachnea* (Nees) Kunth,**

*Panicum lachneum* Nees, *Agrost. Brasil.* (1829) 248; – *P. setosum* Swartz, *Fl. Ind. occid.* 1 ( ) 139; Döll, *FB* 2,2 (1877) 162.

**1013** RGS, S. Leopoldo, NEL in subsiccis umbrosis, 14.8.1934, fr. leg. C. Orth SJ, det. Chase.

**36473** RGS, Cambará p. S. Francisco de Paula, NEH, in araucarieto, 2.1948, fr., det. Swallen.

**40540** RGS, Sapucaia p. S. Leopoldo, NEL, in subhumidis umbrosis, 17.3.1949, fr.

**40817** RGS, Granja Neugebauer p. Itapoan, NEL, in silva ad viam, 3.4.1949, fr., det. Swallen.

**42108** RGS, Schwabenschneis p. Novo Hamburgo, NES, in humidis umbrosis, 23.06.1949, fr.

**42514** RGS, Sta Rita p. Farroupilha, NEH, in humidis, 13.7.1949, fr.

**46373** RGS, Gramado p. Canela, NEH, in dumosis umbrosis, 20.3.1950, fr.

**46460** RGS, Lagoa da Pinguela p. Osório, NEC, in dumosis umbrosis, 27.3.1950, fr.

59776 RGS, Farroupilha, NEH, in silva subhumida, 12.3.1957, fr., leg. O. Camargo 1274.

60371 RGS, Estação de Silvicultura p. Sta Maria, CL, in dumosis, 8.4.1956, fr., leg. O. Camargo 594.

61983 RGS, Taquarí, NEL, in silva aberta, 8.12.1957, fl., leg. O. Camargo 2756.

64272 SC, S. Joaquim, in umbrosis, 10.1.1958, fl., leg. J. Mattos.

**Habit:** Slender, culms up to 1 m high.

**Habitat:** More or less wet and shady places.

**Distribution in RGS:** Over the whole of the forested area.

**General distribution:** From Mexico to RGS.

*Staria onurus* (Willd.) Griseb.,

11962 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis dumosis, 1943, fr.

29189 RGS, ibidem, 12.9.1945, fr., det. Swallen.

33515 RGS, S. Leopoldo, NEL, in campestribus siccis dumosis, 17.1.1946, fr., leg. L. Stahl SJ.

36439 RGS, Cambará p. S. Francisco de Paula, NEH, in campestribus graminosis, 2.1948, fr., det. Swallen.

44464 RGS, Granja Neugebauer p. Itapoan, NEL, in campestribus siccis alte dumosis, 19.1.1949, fr.

57018 RGS, ad montem Sapucaia, NEL, in alte graminosis, 26.10.1955, fl.

57208 RGS, Vila Manresa p. P. Alegre, NEL, in alte graminosis, 22.10.1955, fr.

57215 RGS, ibidem, 15.10.1955, fl.

61981 RGS, Farroupilha, NEH, in alte graminosis, 18.11.1957, fr., leg. O. Camargo 2555.

62771 RGS, P. Alegre, NEL, 1.11.1957, fr., leg. O. Camargo 2393.

**Habit:** Slender, up to 75 cm high.

**Habitat:** Dry Campos.

**Distribution in RGS:** Northeastern Lowlands and Highlands.

**General distribution:** RGS, Uruguay.

*Setaria poiretiana* (Schult.) Hitchc., *Panicum poiretianum* Schult., Mant. 2 ( ) 229. – *P. speciosum* A. Br., Ind. sem. hort. Berol., App. ( ) 22; Döll, FB 2,2 (1877) 154.

863 RGS, Vila Manresa p. P. Alegre, NEL, ad rivum in alte dumosis, 4.1.1933, fr., leg. C. Orth SJ, det. Chase, Parodi, Swallen.

1073 RGS, S. Leopoldo, NEL, ad silvam campestrum in humidis, 5.5.1934, fr., leg. C. Orth SJ, det. Parodi (Chase: *P. sulcatum* Aubl.).

32838 RGS, Butterberg p. Montenegro, NES ad rivum in alte dumosis, 17.12.1945, fr.

40475 RGS, Vila Manresa p. P. Alegre, NEL, ad rivum in dense dumosis, 14.3.1949, fr., det. Swallen.

40789 RGS, Sapucaia p. S. Leopoldo, NEL, ad rivum in dumosis, 1.4.1949, fr., det. Swallen.

40919 RGS, ad montem das Cabras p. S. Leopoldo, NEL, in humidis alte herbosis, 8.4.1949, fr.

42294 RGS, ad montem Steinkopf p. S. Leopoldo, NEL, in subpaludosis dense dumosis, 28.6.1949, fr.

46369 RGS, Gramado p. Canela, NEH, in humidis alte dumosis, 26.3.1950, fr.

47206 RGS, Kappesberg p. Montenegro, NES, in subpaludosis alte graminosis, 4.7.1950, fr.

50695 RGS, ibidem, 25.3.1950, fr., leg. A. Sehnem SJ 4885.

58054 SC, Ibirama, ad silvam, 1.3.1954, fr., leg. R. Reitz 8333, det. Swallen.

**Habit:** Up to 1,5 high.

**Habitat:** Wet to swampy places, among high grasses and shrubs.

**Distribution in RGS:** Northeastern Lowlands and rain forest belt.

**General distribution:** From Amazonia to RGS.

*Setaria scandens* Schrad., in Schult. Mant. 2 ( ) 279. – *Panicum scandens* Trin., Diss. 2 ( ) 166; Döll, FB 2,2 (1877) 170.

46489 RGS, Lagoa da Pinguela p. Osório, NEC, in dumosis secundariis, 27.3.1950, fr., det. Parodi.

**Habit:** Up to 75 cm high, culm very rough, climbing.

**Habitat:** Wet, secondary growth.

**Distribution in RGS:** No other findplace: NEC.

**General distribution:** From Amazonia to RGS.

*Setaria vaginata* Spreng., Syst. Veg. 4,2 (1827) 33; Herter, Flor. Urug. (1930) 31; Cabrera, Fl. Alred. B. Aires (1953) 104. – *Panicum setosum* Swartz, Fl. Ind. occid. 1 ( ) 139; Döll, FB 2,2 (1877) 162.

56332 RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in alte graminosis, 2.1.1955, fr., det. Parodi (Swallen: *S. fiebrigii* Herrm.).

**Habit:** Culms up to 1 m high.

**Habitat:** More or less wet Campos.

**Distribution in RGS:** No other findplace.

**General distribution:** From the West Indies and Mexico to Uruguay and B. Aires.

**Setaria verticillata** (L.) Beauv., Essay (1812) 51; Herter, Flor. Urug. (1930) 31; Cabrera, Fl. Alred. B. Aires (1953) 104. – *Panicum verticillatum* L., Spec. Plant. ed. 2 (1762) 82; Döll 2,2 (1877) 172.

**1012** RGS, S. Leopoldo, NEL, in incultis, 15.10.1934, fr., leg. C. Orth SJ, det. Chase.

**Habit:** Erect, 50 cm high.

**Habitat:** Dry Campos; weedy on cultivated soil.

**Distribution in RGS:** Only findplace.

**General distribution:** From Rio de Janeiro to Uruguay and B. Aires.

**Setaria vulpiseta** (Lam.) Hitchc. et Chase,

**28079** RGS, Vila Oliva p. Caxias, NEH, in subpaludosis dumosis, 2.1945, fr. leg. P. Buck.

**28492** RGS, Nonoai ad Fl. Uruguay, NWU, ad rivum in humidis, 3.1945, fr.

**30716** RGS, Vila Oliva p. Caxias, NEH, ad rivum in alte dumosis, 28.1.1946, fr.

**31322** RGS, ibidem, 24.2.1946, fr.

**40314** RGS, Sta Rita p. Farroupilha, NEH, in paludosis alte dumosis, 29.1.1949, fr., det. Swallen.

**42420** RGS, Parecí p. Montenegro, NEL, in humidis alte dumosis, 7.7.1949, fr.

**45712** RGS, Sta Rita p. Farroupilha, NEH, in paludosis alte dumosis, 7.2.1950, fr.

**46465** RGS, Lagoa da Pinguela p. Osório, NEC, in paludosis alte dumosis, 27.3.1950, fr.

**49813** SC, Itapiranga p. fl. Uruguay, ad fl. in alte dumosis, 6.2.1951, fr.

**59835** RGS, Farroupilha, NEH, ad silvam, 25.3.1957, fr., leg. O. Camargo 1316.

**59836** RGS, ibidem, 18.3.1957, fr., leg. O. Camargo 1163.

**59994** RGS, ibidem, 25.3.1957, fr., leg. O. Camargo 1184.

**60274** RGS, ibidem, 14.1.1957, fr., leg. O. Camargo 1083.

**Habit:** Culms up to 2 m high.

**Habitat:** Wet, shrubby places among high grasses.

**Distribution in RGS:** Over the whole northern area of the State.

**General distribution:**

## **SORGHASTRUM** Nash

**Sorghastrum agrostoides** (Speg.) Hitchc., Contr.U.S.Nat.Herb. 17, 3 (1913) 211. – *Andropogon agrostoides* Speg., An.Soc.Ci.Arg. 16 (1883) 136.

**56740** RGS, Vila Oliva p. Caxias, NEH, in alte graminosis, 8.2.1955, fr., det. Parodi (Swallen: *Setosum* (Gris.) Hitchc.).

**Habit:** Culms up to 1 m high.

**Habitat:** Dry, grassy Campos among shrubs.

**Distribution in RGS:** No other findplaces.

**General distribution:**

***Sorghastrum minarum*** (Nees) Hitchc.,

*Trachypogon minarum* Nees, *Agrost. Bras.* (1829) 349; Ekmann, *Ark. f. Bot.* 11, n.4 (1912) 9. — *Sorghum minarum* (Nees) Hack., *FB* 2,3 (1883) 276, tab. 63.

**6954** SC, Lages, in alte graminosis, 1935, fl., fr., leg. A. Bruxel SJ, det. Swallen.

**6961** SC, ibidem, 1935, fr., leg. A. Bruxel SJ, det. Swallen.

**7020** SC, ibidem, 1935, fr., leg. A. Bruxel SJ, det. Swallen.

**58990** RGS, Estação de Silvicultura p. Sta Maria, CL, in alte graminosis, 5.1.1956, fr., leg. O. Camargo 143.

**Habit:** Erect, stiff, up to 1 m high.

**Habitat:** Dry Campos.

**Distribution in RGS:** Western Campos, apparently rare.

**General distribution:** From Minas Gerais to RGS.

***Sorghastrum nutans*** (L.) Nees,

*Andropogon nutans* L., *Spec. Plant.* (1753) 1045; Ekmann, *Ark. f. Bot.* 11, n.4 (1911) 9. — *Sorghum nutans* A. Gray, *ssp. linnaeanum* Hack., *FB* 2,3 (1883) 276.

**1100** RGS, Sapucaia p. S. Leopoldo, NEL, in incultis, 28.9.1934, fr., leg. C. Orth SJ, det. Chase, Parodi.

**Habit:** Culms up to 1,5 m high.

**Habitat:** Dry Campos among high grasses and shrubs.

**Distribution in RGS:** Northeastern Lowlands.

**General distribution:** From southern USA to RGS.

***Sorghastrum parviflorum*** (Desv.) Hitchc. et Chase.

**1010** RGS, Portão p. S. Leopoldo, NEL, in alte paludosis, 8.9.1934, fr., leg. C. Orth SJ, det. Chase.

**Habit:** Culms up to 2 m high.

**Habitat:** Swampy places among high grasses and shrubs.

**Distribution in RGS:** No other findplaces.

**General distribution:**

**Sorghastrum setosum** (Gris.) Hitchc.,

**55068** RGS, Vila Oliva p. Caxias, NEH, in paludosis alte graminosis, 24.2.1954, fr., det. Swallen.

**63456** SC, S. Joaquim, in campestribus, 18.2.1958, fl., leg. J. Mattos.

**Habit:** Culms up to 150 cm high.

**Habitat:** Swampy Campos.

**Distribution in RGS:** Northeastern Highlands.

**General distribution:**

**Sorghastrum stipoides**(H.B.R.) Nash,

*Andropogon stipoides* H.B.K., Nov. Gen. et Spec. 1 (1816) 189. – *Sorghum nutans* A. Gray. ssp. *avenaceum* (Michx.) Hack., var. *stipoides* (HBK) Hack., FB 2,3 (1883) 274.

**36865** RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis alte graminosis, 6.11.1948, fr., det. Swallen.

**43604** RGS, ibidem, 28.9.1949, fr., det. Swallen.

**44077** RGS, Barreto Vianna p. S. Leopoldo, in campestribus alte dumosis, 24.10.1949, fr., det. Swallen.

**44480** RGS, Granja Neugebauer p. Itapoan, NEL, in alte graminosis 19.11.1949, fr., det. Beetle.

**54463** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus alte graminosis, 12.11.1953, fr., det. Swallen.

**57138** RGS, ibidem, 4.11.1955, fl.

**57510** RGS, Estação de Silvicultura p. Sta Maria, CL, in alte graminosis, 18.11.1955, fr., leg. O. Camargo 19.

**58925** RGS, ibidem, 1.3.1956, leg. O. Camargo 78.

**61985** RGS, Farroupilha, NEH, in alte graminosis, 25.11.1957, fl., leg. O. Camargo 2629.

**62750** RGS, ibidem, 10.11.1957, fl., leg. O. Camargo 2506.

**Habit:** Culms up to 15 m high.

**Habitat:** More or less dry, shrubby, Campos.

**Distribution in RGS:** Apparently over the whole of the northern half of the State.

**General distribution:** From Mexico to RGS.

**SPARTINA** Schreb.

**Spartina ciliata** Kunth, Rev. 1 ( ) 94; Döll, FB 2,3 (1878) 85; Ekman, Ark. f. Bot. 13, n.10 (1913) 44; Herter, Flor. Urug. (1930) 39; Reitz, Sellowia 7 (1956) 109.

**52295** Paraná, Paranaguá, ad litus in arenosis, 8.3.1951, leg. G. Hatschbach 2150, det. Parodi.

**56450** RGS, Cidreira, NEC, in arenosis prope litus, 17.2.1950, fl., det. Parodi, Swallen (*S. ciliata* Brongn.).

**Habit:** Culms stiff, up to 75 cm high.

**Habitat:** More or less fixed sand dunes.

**Distribution in RGS:** Sea coast.

**General distribution:** From Paraná to RGS.

## **SPOROBOLUS** R. Br.

**Sporobolus aeneus** (Trin.) Kunth, Enum. 1 ( ) 213; Ekman, Ark. f. Bot. 13, n.10 (1913) 41. – *Vilfa aenea* Trin., Spec. Gram. 2 ( ) tab. 23; Döll, FB 2,3 (1878) 33.

**44462** RGS, Granja Neugebauer p. P. Alegre, NEL, in campestribus siccis alte graminosis, 19.11.1949, fr., det. Parodi.

**Habit:** Bunchy, erect, up to 50 cm high.

**Habitat:** Dry, shrubby Campos.

**Distribution in RGS:** No other findplace.

**General distribution:** From Ceará to RGS.

**Sporobolus eximius** (Nees) Ekman, Ark. f. Bot. 13, n.10 (1913) 41, fab. 2, f. 3. – *Vilfa eximia* Nees ap. Trin., Act. Petrop. 1845, 77; Döll, FB 2,3 (1878) 35.

**44022** RGS, Morro do Osso p. P. Alegre, NEL, in campestribus siccis, 21.10.1949, fr., det. Swallen.

**Habit:** Bunchy, up to 75 cm high.

**Habitat:** Dry, grassy, Campos.

**Distribution in RGS:** No other findplace.

**General distribution:** From S. Paulo to RGS.

**Sporobolus poiretii** (R. et S.) Hitchc., Bartonia 14 (1932) 32; Cabrera, Fl. Alred. B. Aires (1953) 79; Reitz, Sellowia 7 (1956) 109. – *Axonopus poiretii* R. et S., Syst. Veg. 2 (1877) 318.

**713** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis, leg. C. Orth SJ, det. Swallen (Chase: *S. tenacissimus* Veauv.).

**877** RGS, ibidem, in incultis, 5.12.1933, fr., leg. C. Orth SJ (Chase: *S. bereteroanus* (Trin.) Hitchc.).

**1958** RGS, Carauno p. Bom Jesus, NEH, in campestribus siccis, 2.2.1934, fr., leg. J. Dutra, det. Chase.

**25587** RGS, Fazenda Sta Cecília p. S. Gabriel, SW, in campestribus siccis, 1.1944, fr., det. Swallen.

**29181** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis, 12.9.1945, fr., leg. Swallen.



- 29377 RGS, ibidem, 3.11.1945, fr., det. Swallen.
- 31417 SC, Sombrio p. Araranguá, in arenosis alte graminosis, 31.1.1946, fr., det. Swallen.
- 32648 RGS, Parecí p. Montenegro, NEL, in campestribus siccis, 5.12.1945, fr., leg. E. Henz SJ.
- 33194 RGS, Vila Oliva p. Caxias, NEH, in campestribus siccis, 16.1.1946, fr.
- 33490 RGS, S. Leopoldo, NEL, in campestribus siccis, 17.7.1946, fl.
- 33910 RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis dense graminosis, 18.9.1946, fr.
- 34217 Chile, Las Animas p. Valdivia, 14.2.1937, fr., in siccis arenosis, leg. et det. H. Gunckel (*S. bertoroanus* (Trin.) Hitchc.).
- 38076 RGS, Vila Manresa p. P. Alegre, NEL, in agro, 17.11.1948, fr., det. Swallen.
- 39848 RGS, ad montem Ferrabraz p. Novo Hamburgo, NEL, in arenosis dumosis, 12.1.1949, fr.
- 42449 RGS, Parecí p. Montenegro, NEL, in campestribus siccis, 7.7.1949, fr., det. Swallen.
- 44712 RGS, Lagoa dos Barros p. Osório, NEC, in arenosis alte graminosis, 24.11.1949, fr.
- 45945 RGS, Lagoa dos Quadros p. Torres, NEC, in arenosis dumosis, 21.2.1950, fr.
- 54953 RGS, Vila Oliva p. Caxias, NEH, in graminosis humidis, 24.2.1954, fr., det. Swallen.
- 55348 SC, Rio Tavares in Insula Florianópolis, ad viam in incultis tritis, 13.5.1953, fr., leg. R. Reitz 7182, det. Swallen.
- 55390 SC, Anitápolis p. Palhoça, in dumosis, 2.4.1953, leg. R. Reitz 7124, det. Swallen.
- 55428 SC, Rio Tavares in Insula Florianópolis, in arenosis dense graminosis, 23.12.1952, fr., leg. R. Reitz 7060, det. Swallen.
- 55438 SC, Mafra, in campestribus alte graminosis, 26.1.1935, fr., leg. R. Reitz 7045, det. Swallen.
- 57017 RGS, ad montem Sapucaia p. S. Leopoldo, NEL, in alte graminosis, 26.10.1955, fl.
- 57224 RGS, Vila Manresa p. P. Alegre, NEL, in humidis, 15.10.1955, fr.
- 58926 RGS, Estação de Silvicultura p. Sta Maria, CL, in humidis alte graminosis, 1.3.1956, fr., leg. O. Camargo 75.
- 59386 RGS, Farroupilha, NEH, in alte graminosis, 15.11.1956, fl., leg. O. Camargo 993.
- 59993 RGS, ibidem, 25.3.1956, fr., leg. O. Camargo 1185.
- 60368 RGS, Estação de Silvicultura p. Sta Maria, CL, in alte graminosis, 8.4.1956, fr., leg. O. Camargo 612.

**62968** RGS, Taquarí, NEL, in incultis, 10.12.1957, fl., leg. O. Camargo 3039.

**63093** RGS, Pelotas, SEC, in incultis, 10.3.1956, fl., leg. Schlichting.

**64224** SC, S. Joaquim, in incultis, 10.1.1958, fl., leg. J. Mattos.

**Habit:** Bunchy, erect, up to 60 cm high.

**Habitat:** Dry Campos, often weedy on disturbed soil.

**Distribution in RGS:** Over the whole of the cultivated and Campos area.

**General distribution:** Common through most of South America; cosmopolitan.

***Sporobolus pseudairoides* Parodi,**

**50862** Paraná, Florestal p. Piraquara, in dumosis secundariis, 6.2.1949, fr., leg. G. Hatschbach 1172, det. Parodi.

**59733** RGS, Farroupilha, NEH, in alte graminosis, 28.5.1956, fr., leg. O. Camargo 730.

**Habit:** Vigorous bunches, up to 1 m high.

**Habitat:** Somewhat wet, secondary growth.

**Distribution in RGS:** Northeastern Highlands.

**General distribution:**

***Sporobolus pyramidalis* Beauv., Flor. Owar. 2 ( ) 36; Reitz, Sellowia 7 (1956) 109.**

**2500** SC, Maratá p. P. União, in incultis dumosis, 22.12.1936, fr., leg. C. Orth SJ, det. Swallen.

**40688** RGS, Vila Manresa p. P. Alegre, NEL, in incultis dumosis, 26.3.1949, fr., det. Swallen.

**49854** SC, Itapiranga ad fl. Uruguay superius, ad viam in incultis, 6.2.1951, fr.

**58060** SC, Saiguassú p. S. Francisco, in arenosis, 3.1.1954, fr., det. leg. R. Reitz 8364, det. Swallen.

**Habit:** Bunchy, up to 1 m high.

**Habitat:** Secondary growth on former cultivated land.

**Distribution in RGS:** One Only findplace.

**General distribution:** Native to tropical Africa.

***Sporobolus virginicus* (L.) Kunth, Rev. Gram. 1 ( ) 67; Ekman, Ark. f. Bot. 13,n.10 (1913) 41; Retiz, Selowia 7 (1956) 109. – Vilfa virginica L., Spec. Plant. (1753) 63; Döll, FB 2,3 (1878) 30, tab. 8, fig. 1.**

**52288** Paraná, Paranaguá, ad litus in arenosis, 14.1.1950, fl., leg. G. Hatschbach 1677, det. Parodi.

**54334** SC, Praia Braba p. Itajaí, in arenosis late repens, 10.2.1950, fr.

**55404** SC, Rio Tavares in Insula Florianópolis, prope litus in arenosis, 12.3.1953, leg. R. Reitz 7105, det. Swallen.

**56851** SC, Arroio do Silva p. Araranguá, ad litus in arenosis, 19.2.1955, fr.

**Habit:** Prostrate, rooting at almost all joints.

**Habitat:** Dry sandy places.

**Distribution in RGS:** To be expected at the northern sea coast.

**General distribution:** From Guyana to RGS.

### **STENOTAPHRUM** Trin.

**Stenotaphrum secundatum** (Walt.) O. Kuntze, Rev. Gen. Plant. 2 (1891) 794; Cabrera, Fl. Alred. B. Aires (1953) 104; Reitz, Sellowia 7 (1956) 109. – *Ischaemum secundatum* Walt., Flor. Carolin. (1788) 249. – *Stenotaphrum glabrum* Trin., Gram. Panic. (1826) 60; Döll, FB 2,2 (1877) 300, tab. 39;

**720** RGS, Vila Manresa p. P. Alegre, NEL, in pascuo, 5.12.1932, fl., leg. C. Orth SJ, det. Swallen, Chase, Parodi: *S. secundatum* (Walt.) O.K.

**7448** RGS, S. Leopoldo, NEL, in graminosis, 1907, ster., leg. F. Theissen SJ.

**35140** RGS, Fazenda da Ronda p. Vacaria, NEH, in campestribus siccis, 15.1.1947, fr.

**38585** RGS, ad montem das Cabras p. S. Leopoldo, NEL, in arenosis graminosis, 7.12.1948, fl.

**47586** SC, Azambuja p. Brusque, in pascuo, 28.2.1948, fl., leg. R. Reitz 2871, det. Parodi (*S. glabrum* Trin.).

**47613** SC, Azambuja p. Brusque, in pascuo, 28.2.1948, fl., leg. R. Reitz 2871, det. Parodi.

**55368** SC, Barra do Sul p. Araquarí, in arenosis, 9.4.1953, leg. R. Reitz 7158, det. Swallen.

**55388** SC, Anitápolis p. Palhoça, in dumosis, 2.4.1953, fr., leg. R. Reitz 7126, det. Swallen.

**55406** SC, Palhoça p. Florianópolis, in arenosis, 22.12.1952, fr., det. Swallen.

**55432** SC, Barra do Sul p. Araquarí, in arenosis, 9.1.1953, fl., leg. R. Reitz 7053, det. Swallen.

**55433** SC, Rio Tavares in Insula Sta Catarina, in arenosis, 12.3.1953, fr., leg. R. Reitz 7051, det. Swallen.

**56508** RGS, Torres, NEC, in arenosis, 19.1.1955, fl.

**60670** RGS, Farroupilha, culta, 7.5.1957, fr., leg. O. Camargo 1368.

**Habit:** Prostrate, densely matted.

**Habitat:** Native to RGS? Often cultivated in meadows.

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

**General distribution:** From Guyana to Uruguay and B. Aires.

## STIPA L.

**Stipa amethystina** Steud., Syn. Pl. Gram. (1855) 124.

**44474** RGS, Granja Neugebauer p. Itapoan, NEL, in campestribus siccis alte dumosis, 19.11.1949, fr., det. Parodi.

**57126** RGS, Esteio p. S. Leopoldo, NEL, in siccis alte graminosis, 14.11.1955, fr.

**Habit:** Culms up to 1 m high.

**Habitat:** Dry, shrubby Campos.

**Distribution in RGS:** Chile, RGS.

**General distribution:** Chile, RGS.

**Stipa filifolia** Nees, Agrost. Bras. (1829) 10; Döll, FB 2,3 (1878) 10; Herter, Flor. Urug. (1930) 34.

**38125** RGS, Morro da Polícia p. P. Alegre, NEL, in campestribus siccis alte graminosis, 20.11.1948, fr., det. Swallen.

**43622** RGS, ibidem, 28.9.1949, fl.

**43705** Morro Sta Teresa p. P. Alegre, NEL, in campestribus siccis alte graminosis, 3.10.1949, fl.

**44039** RGS, Morro do Osso p. P. Alegre, NEL, in campestribus alte graminosis, 21.10.1949, fl., det. Swallen.

**Habit:** Bunches up to 50 cm high, culms filiform.

**Habitat:** Dry Campos.

**Distribution in RGS:** Northeastern Lowlands.

**General distribution:** RGS and Uruguay.

**Stipa juergensii** Hack.,

**44021** RGS, Morro do Osso p. P. Alegre, NEL, in campestribus siccis, 21.10.1949, fr., det. Swallen.

**Habit:** Culms up to 60 cm high.

**Habitat:** Dry Campos.

**Distribution in RGS:** Central and northeastern Lowlands.

**General distribution:** Uruguay and RGS.

**Stipa megapota mica** Spreng., Acta Petrop. 1829, 77; Döll, FB 2,3 (1878) 9; Herter, Flor. Urug. (1930) 34; Cabrera, Fl. Alred. B. Aires (1953) 82.

**1097** RGS, ad montem Sapucaia p. S. Leopoldo, NEL, in campestri-

bus siccis alte graminosis, 17.10.1934, fr., det. Parodi (Chase: *S. hackellii* Arech.).

**2736** RGS, S. Leopoldo, NEL, in campestribus siccis alte dumosis, 30.10.1935, fr., leg. C. Orth SJ, det. Chase.

**8819** RGS, Bom Jesus, NEH, in campestribus subsiccis alte graminosis, 15.1.1942, fr., det. Swallen.

**32493** RGS, Parecí p. Montenegro, NEL, in campestribus alte graminosis, 17.10.1945, fr., leg. E. Henz SJ.

**33084** Uruguay, Juan Jackson p. Soriano, in campestribus siccis alte graminosis, 11.1937, fr., leg. B. Rosengurt B-2317, det. Parodi.

**43644** RGS, Morro das Abertas p. P. Alegre, NEL, in campestribus siccis alte graminosis, 30.9.1949, fr.

**62751** RGS, Porto Alegre, NEL, in campestribus, 2.11.1957, fl., leg. O. Camargo 2385.

**63391** RGS, Pelotas, SEC, in dumosis, 5.10.1954, fl., leg. J. Sacco 189, det. Parodi, Swallen.

**Habit:** Dense bunches, culms up to 50 cm high.

**Habitat:** Dry Campos.

**Distribution in RGS:** Northeastern Lowlands.

**General distribution:** RGS, Uruguay, B. Aires.

*Stipa melanosperma* Presl, ap. Spegazzini. An. Mus. Nac. Mont. 4 (1901) 67; Ekman, Ark. f. Bot. 13, n.10 (1913) 40; Herter, Flor. Urug. (1930) 34.

**1953** RGS, Quilombo p. S. Leopoldo, NEL, in campestribus siccis alte dumosis, 9.10.1934, fl., fr., leg. C. Orth SJ, det. Chase.

**2733** RGS, ibidem, 23.10.1933, fl., leg. C. Orth SJ, det. Swallen.

**8351** RGS, Montserrat p. P. Alegre, NEL, in campestribus siccis alte graminosis, 1.12.1941, fr.

**11767** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus alte graminosis, 1943, fl.

**28929** RGS, P. Alegre, NEL, in campestribus siccis alte graminosis, 1944, fl., leg. Irm. Augusto.

**33044** Uruguay, Juan Jackson p. Soriano, in rupestribus siccis graminosis, leg. B. Rosengurt PE-4483, det. Chase, Parodi.

**44030** RGS, Morro do Osso p. P. Alegre, NEL, in campestribus siccis alte graminosis, 21.10.1949, fl., det. Swallen.

**63375** RGS, Pelotas, SEC, in campestribus siccis, 10.11.1954, fr., leg. J. Sacco 217.

**Habit:** Culms up to 1 m high.

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

**Distribution in RGS:** Northeastern Lowlands.

**General distribution:** From Paraná to Uruguay.

***Stipa nutans* Hack.,**

**2911** RGS, S. Borja, SW, in siccis alte dumosis, 1942, fr., leg. Fr. Baglione.

**43863** RGS, ad fl. Caí inferius p. P. Alegre, NEL, in siccis alte graminosis, 12.10.1949, fr., det. Swallen.

**Habit:** Culms up to 75 cm high.

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

**Distribution in RGS:** Central and northeastern Lowlands.

**General distribution:** RGS, Uruguay.

***Stipa sellowia* Nees, ap. Trin. in Act. Petrop. 1848, 38; Döll, FB 2,3 (1878) 8; Ekman, Ark. f. Bot. 1, n.10 (1913) 40.**

**56318** RGS, Fazenda Englert p. S. Francisco de Paula, NEH, in campestribus alte graminosis, 2.1.1955, fr., det. Parodi.

**56354** RGS, ibidem, 2.1.1955, fr., det. Parodi.

**Habit:** Culms up to 1,5 m high.

**Habitat:** More or less dry Campos.

**Distribution in RGS:** Northeastern Highlands.

**General distribution:** From Paraná to RGS.

**TRACHYPOGON Nees**

***Trachypogon canescens* Nees, Agrost. Bras. (1829) 111; Cabrera, FL. Alred. B. Aires (1953) 111. – *T. polymorphus* Hack., var. *canescens* (Nees) Hack., FB 2,3 (1883) 263.**

**7024** SC, Lages, in campestribus siccis alte graminosis, 1953, fr., leg. A. Bruxel SJ.

**29149** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis alte graminosis, 12.9.1945, fr.

**29149** RGS, ibidem, 12.9.1949, fr.

**30745** RGS, Vila Oliva p. Caxias, NEH, in campestribus siccis alte graminosis, 28.1.1946, fr.

**32757** RGS, Parecí p. Montenegro, NEL, in campestribus siccis dense graminosis, 17.10.1945.

**38096** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus alte graminosis, 17.11.1948, fr.

**44031** RGS, Morro do Osso p. P. Alegre, NEL, in siccis alte graminosis, 21.10.1949, fr., Swallen: *T. filifolius* (Hack.) Hitchc.).

**44471** RGS, Granja Neugebauer p. Itapoan, NEL, in siccis alte graminosis, 19.11.1949, fr.

**55995** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus alte graminosis, 19.11.1954, fr.

**60708** SC, S. Joaquim, in campestribus, 28.12.1955, fr., leg. J. Mattos.  
**58511** RGS, ibidem, 19.11.1955, fr.

**Habit:** Dense bunches, up to 75 cm high.

**Habitat:** Dry, somewhat shrubby Campos.

**Distribution in RGS:** Northeastern Lowlands and Highlands.

**General distribution:** Southern Brazil, Uruguay, B. Aires.

### TRICHACHNE Nees

*Trichachne insularis* (L.) Nees, Agrost. Bras. (1829) 66; Herter, Flor. Urug. Addit.; Reitz, Sellowia 7 (1956) 109. — *Andropogon insularis* L., Spec. Plant. ed. 2 (1762) 1480. — *Panicum leucophaeum* H.B.K., Nov. Gen. et Spec. 1 (1816) 97; Döll, FB 2,2 (1877) 136.

**1067** RGS, S. Leopoldo, NEL, in incultis, 8.11.1933, fr., leg. C. Orth SJ, det. Chase.

**10835** RGS, Marcelino Ramos ad. fl. Uruguay, NWU, in cultis, 1.1943, fr., leg. E. Friderichs SJ.

**10837** RGS, Lagoa Vermelha, NEH, ad viam, 1.1943, fr., leg. E. Friderichs SJ.

**39936** RGS, ad montem Ferrabraz p. Novo Hamburgo, NEL, in arenosis alte graminosis, 12.1.1949, fr.

**41217** RGS, ad fl. Caí inferius p. P. Alegre, NEL, in incultis, 22.4.1949, fr., det. Swallen.

**41481** RGS, Estação Azevedo p. Montenegro, NEL, in incultis, 6.5.1949, fr., det. Swallen.

**53278** RGS, Caaró p. S. Luiz, in incultis alte graminosis, 24.11.1952, fr.

**55353** SC, Rio Tavares in Insula Sta Catarina, in arenosis alte dumosis, 13.5.1953, leg. R. Reitz 7174, det. Swallen.

**58930** RGS, Estação de Silvicultura p. Sta Maria, CN, in alte graminosis, 28.2.1956, fl., leg. O. Camargo 33.

**59524** RGS, Farroupilha, NEH, in dumosis alte graminosis, 22.10.1956, fl., leg. O. Camargo 855.

**59834** RGS, ibidem, 25.3.1957, fr., leg. O. Camargo 1314.

**60338** RGS, Estação de Silvicultura p. Sta Maria, CL, in graminosis, 8.4.1956, fr., leg. O. Camargo 554.

**60339** RGS, ibidem, 8.4.1956, fr., leg. O. Camargo 600.

**62913** RGS, Taquarí, NEL, in campestribus, 10.12.1957, fl., leg. O. Camargo 3026.

**Habit:** Up to 1 m high.

**Habitat:** Disturbed soil; secondary brushwood.

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

**General distribution:** From southern USA through South America.

**TRICHOLAENA** Schrad.

*Tricholaena rosea* Nees, Flor. Afr. Austr. 1 ( ) 17; Reitz, Sellowia 7 (1956) 108 sub *Rhychelytrum roseum* (Nees) Tapf et Hubb.

**1065** RGS, S. Leopoldo, NEL, in arenosis incultis, 5.5.1934, fr., leg. C. Orth SJ, det. Parodi.

**10831** RGS, Marcelino Ramos, NWU, ad viam, 1.1943, fr., leg. E. Friderichs SJ.

**10838** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis, 1.1943, fr., det. Parodi.

**26825** RGS, Belém Velho p. P. Alegre, NEL, in incultis, 27.9.1944, fr., leg. P. Capparelli, det. Parodi.

**29188** RGS, Vila Manresa p. P. Alegre, NEL, in campestribus siccis, 12.9.1945, fr., det. Swallen.

**29251** RGS, ibidem, 10.10.1945, fr.

**32493** RGS, Parecí p. Montenegro, NEL, in incultis, 17.10.1945, fr.

**33489** RGS, S. Leopoldo, NEL, in incultis, 17.7.1946, fr., leg. E. Henz SJ.

**37386** RGS, Vila Manresa p. P. Alegre, NEL, in incultis, 5.7.1946, fr.

**42118** RGS, Schwabenschneis p. S. Leopoldo, NES, in incultis, 23.6.1949, fr.

**42313** RGS, Langschneis p. Montenegro, NES, ad viam ferream, 2.7.1949, fr.

**57013** RGS, in summo monte Sapucaia p. S. Leopoldo, NEL, in alte graminosis, 26.10.1955, fl.

**58882** RGS, Estação de Silvicultura p. Sta Maria, CL, in incultis, 28.2.1956, fl., leg. O. Camargo.

**58991** RGS, ibidem, 5.1.1956, fl., leg. O. Camargo 147.

**59871** RGS, Farroupilha, NEH, in incultis, 25.3.1957, fr., leg. O. Camargo 1197.

**62335** RGS, Montenegro, NEL, in incultis, 19.9.1957, fl., leg. O. Camargo 1781.

**62684** RGS, P. Alegre, NEL, in incultis, 2.11.1957, fl., leg. O. Camargo 2383.

**Habit:** Culms up to 75 cm high.

**Habitat:** Disturbed soil.

**Distribution in RGS:** Weedy over the whole of the cultivated area.

**General distribution:** Native to South Africa, very common in South Brazil.

**TRIODIA** Brown

*Triodia brasiliensis* (Stedud.) Lindman, Ekman, Ark. f. Bot. 11,n.4



(1912) 40; Herter, Flor. Urug. (1930) 38. — *Uralepis brasiliensis* Stedud., Syn. ( ) 218.

**25591** RGS, Fazenda Sta Cecília p. S. Gabriel, SW, in campestribus siccis alte graminosis, 1.1944, fr., det. Swallen.

**38344** RGS, Esteio p. S. Leopoldo, NEL, in campestribus dense graminosis, 24.11.1948, fr., det. Swallen.

**49153** RGS, ibidem, 20.11.1950, fr., det. Beetle.

**57237** RGS, ibidem, 11.11.1955, fl.

**58973** RGS, Estação de Silvicultura p. Sta Maria, CN, in alte graminosis, 25.1.1956, fr., O. Camargo.

**60336** RGS, ibidem, 8.4.1956, fr., leg. O. camargo 582.

**Habit:** Dense bunches, up to 75 cm high.

**Habitat:** Dry Campos.

**Distribution in RGS:** Widely scattered: western and northeastern Lowlands.

**General distribution:** Southern Brazil.

#### **TRIPOGON** Roth ap. R. et S.

*Tripogon spicatus* (Nees) Ekman, Ark. f. Bot. 11, n.4 (1912) 36. — *Diplachne spicata* (Nees) Döll, FB 2,2 (1878) 157.

**36435** RGS, Cambará p. S. Francisco de Paula, NEH, in campestribus subsiccis, 2.1948, fr., det. swallen.

**Habit:** Erect, culms 30 cm high.

**Habitat:** More or less dry Campos.

**Distribution in RGS:** Northeastern Highlands.

**General distribution:** From Piauí to RGS.

#### **SPECIES CULTIVATED OR ESCAPED (22).**

**Arundo donax** L.: 988, 60987.

**Avena fatua** L.: 57230.

**sativa** L.: 1090,

**sterilis** L.: 2720.

**strigosa** Schreber: 29053.

**Bambusa arundinacea** Retz: 742, 37020, 58931, 59003, 59679.

**Briza maxima** L.: 2520, 6633.

- Coix lacrima-jobi* L.: 872, 42087, 47221, 63676,  
*Hordeum vulgare* L.: 1092.  
*Euchlaena mexicana* Schrajer: 859, 2272, 52946, 55629.  
*Lolium multiflorum* Lam.: 2730, 29293, 32685, 42306, 57221, 57354,  
 59735, 63174.  
     perenne L.: 845, 2906, 6990, 35535,  
*Oryza sativa* L.: 3075, 3076, 3077, 59026, 60922, 62998.  
*Panicum miliaceum* L.: 1937.  
*Pennisetum clandestinum* Hochst.: 9599.  
*Phyllostachys aurea* A. et C. Riviere: 41557, 47101.  
*Saccharum officinarum* L.: 60369.  
*Sorghum dochna* (Forsk.) Snowden: 1414, 41558, 53108.  
     halepense (L.) Pers.: 60813.  
     saccharatum (L.) Moench: 60812.  
     vulgare Pers.: 876, 32575.  
*Zea mays* L.: 7006, 33133.

#### SPECIES CITED FOR RGS, BUT NOT IN MY HERBARIUM (122).

- Agrostis pectinana* Hack. et Arech.: Araujo, det. Parodi.  
*Andropogon altus* Hitchc.: Araujo, det. Hitchc.  
     exaratus Hack.: Malme, det. Ekman.  
     plumiger Ekman: Malme, det. Ekman.  
     salzmanni (Trin.) Hack.: Araujo, det. Parodi.  
     semiberbis (Nees) Kunth: Dutra, det. Dutra.  
*Aristida complanata* Trin.: Döll, Lindman (Parodi, Swallen: *A. laevis*  
 Kunth)  
     macrophylla Hack.: Tupanciretan.  
     megapotamica Spreng.: Parodi, Asplund.  
     murina Cav.: Araujo, det. Parodi.  
     recurvata H.B.K.: Lindman.  
*Axonopus arcatus* Mez: S. Leopoldo, P. Alegre, Soledade, Rio Pardo.  
     argentinus Parodi: Tupanciretan, Parodi.  
     brasiliensis (Spreng.) Kulm.: Rambo, det. Swallen (lost).  
     fissifolius (Raddi) Kulm.: Rambo, det. Parodi (lost).  
     furcatus (Flügge) Hitchc.: Araujo, det. Parodi.  
     iridaceus Mez: Araujo, det. Parodi.  
     otusifolius (Raddi) Chase: Rambo, det. Swallen (lost).  
     scoparius (Flügge) Hitchc.: Rambo, det. Parodi (lost).  
*Bouteloua megapotamica* (Spreng.) O.K.: Araujo, det. Parodi.

- Briza erecta** Lam.: Malme.  
 lindmani Ekman: P. Alegre, Lindman.  
 sellowii Nees: Rambo, det. Parodi (lost).
- Bromidium anomalum** Döll: RGS, Lindman
- Chloris retusa** Lagasca: Rambo, det. Parodi (lost.).
- Chusquea juergensii** Hack.: Rio Pardo.  
 phacellophora Pilger: Cruz Alta.
- Danthonia breviseta** Hack.: Rambo, det. Parodi (lost).  
 montana Döll: Rambo, det. Parodi (lost).
- Deschampsia juergensii** Hackel: Soledade.
- Digitaria connivens** (Trin.) Mez: Malme, Rio Grande.  
 cuyabensis (Trin.) Parodi: Dutra.  
 lanuginosa (Nees) Henr.: S. Leopoldo.  
 lugens Nees: Araujo, det. Parodi.  
 pallens Parodi: Araujo, det. Parodi.  
 pedicellaris (Trin.) Prain: Araujo, det. Parodi.  
 phaeothrix (Trin.) Parodi: Rambo, det. Parodi (lost).
- Echinochloa implexa** (Poir.) Chase: Rambo, det. Parodi (lost).
- Elionurus bisetosus** Hack. et Lindman.: Rio Grande.  
 viridulus Hack.: Araujo, det. Parodi.
- Eragrostis capillaris** Steud.: Lindman, RGS.  
 monandra Hack: Soledade.  
 perennis Döll: Cruz Alta.  
 purpurascens Nees: RGS, Lindman.  
 rojasii Hack.: Araujo, det. Chase.
- Eriochloa montevidensis** (Nees) Gris.: Araujo, det. Parodi.
- Eriochrysis warminigniana** (Hack.) Pilger: Rambo, det. Swallen (lost).
- Guadua lindmanii** Camus: Silveira Martins.  
 tomentosa Hack. et Lindman: Ijuí.
- Gymnopogon haumani** Parodi: Araujo, det. Parodi.  
 radiatus (L.) Parodi: Araujo, det. Parodi.  
 spicatus (Spreng.) Kze: Araujo, det. Parodi.
- Hordeum stenostachys** Godr.: Araujo, det. Parodi.
- Hymenachne donacifolia** (Raddi) Chase: Rambo, det. Parodi, Swallen (lost).
- Ichnanthus candicanis** (Nees) Döll: S. Leopoldo.  
 leiocarpus Kunth: Rio Pardo, S. Leopoldo.  
 nemoralis (Schrad.) Hitchc. et Chase: S. Leopoldo, Dutra.  
 panicaoides Beauv.: Rambo, det. Parodi cum?  
 ruprechtii Döll: Rambo, det. Swallen cum?  
 tenuis (Presl) Hitchc. et Chase: Rambo, det. Swallen cum?
- Imperata tenuis** Hack.: S. Leopoldo.
- Melica papilionacea** L.: Livramento.

**Merostachys multiramea** Hack.: Rio Pardo, Valley of the Taquary.

**Panicum appressum** Lam.: Dutra.

*campestre* Nees: Rambo, det. Parodi (lost).

*apillare* L.: RGS, Lindman.

*dichotomiflorum* Michx.: Araujo, det. Parodi.

*glabripes* Döll: Rio Pardo, S. Leopoldo; Dutra.

*gracilipes* Hack.: Fazenda Leitão, Rio Pardo.

*junceum* Nees: P. Alegre; Dutra.

*parvifolium* Lam.: Rambo, det. Parodi (lost).

*plantagineum* Linck: Dutra.

*prionitis* Nees: Rambo, det. Parodi (lost).

*proliferum* Lam.: Dutra.

*rude* Nees: Rambo, det. Swallen (lost).

*stenophyllum* Hack.: Rambo, det. Swallen (lost).

*uncinatum* Raddi: RGS, Lindman.

**Paspalum alnum** Chase: Araujo, det. Parodi.

*brunneum* Mez: S. Leopoldo.

*dvincenzii* Parodi: Araujo, det. Parodi.

*durifolium* Mez: S. Leopoldo.

*equitans* Mez: Araujo, det. Parodi.

*erianthoides* Lindman: Araujo, det. Parodi.

*falcatum* Nees: Venâncio Aires.

*glaucescens* Hack.: Dutra.

*hydrophilum* Henr.: Montenegro.

*indecorum* Mez, Araujo, det. Parodi.

*intermedium* Munro: Rambo, det. Parodi (lost).

*modestum* Mez: Araujo, det. Parodi.

*platycaulon* Poir.: Malme, Lindman.

*rufum* Nees: Rambo, det. Swallen (lost).

*stellatum* H.B.K.: Araujo, det. Chase.

*uruguayense* Arech.: Bornmüller.

*virgatum* L.: RGS, Lindman.

*warmingii*: Rambo, det. Parodi (lost).

**Phalaris arundinacea** L.: Araujo, det. Parodi.

*mimor* Retz: Araujo, det. Parodi.

*platensis* Parodi: Araujo, det. Parodi.

**Piptochaetium ovatum** (Trin. et Ruper.) Desv.: Araujo, det. Parodi.

*setosum* Arech.: Araujo, Parodi.

**Polypogon maritimus** Willd.: Rio Grande.

**Rottboellia balansae** Hack.: Sto Angelo.

**Sacciolepis myuros** (Lam.) Chase: Araujo, det. Parodi.

**Setaria flava** Kunth: Dutra.

*globulifera* (Steud.) Gris.: RGS, Rambo (lost).

*imberbis* R. et S.: RGS, Rambo, det. Swallen (lost).

- paucifolia (Morong) Londm.: Sta Angelo.  
**Sorghastrum albescens** (Hack.): Bom Jesus.  
 scaberrimum (Nees) Herter: Rambo, det. Swallen (lost).  
**Spartona montevidensis** Arech.: RGS.  
 stricta (Ait.) Roth, Malme, Rio Grande.  
**Sporobolus brasiliensis** (Raddi) Hack.: Bom Jesus, Rio Pardo.  
 indicus (L.) R. Br.: Lindman, Malme.  
 multicaulis Hack.: det. Parodi.  
 multinodis Hack.: S. Leopoldo, Rio Pardo.  
 ramosissimus Kunth: Lindman, RGS.  
**Stipa baviensis** Speg.: Rambo, det. Parodi (lost).  
 charruana Arech.: Araujo, det. Parodi.  
 filicaumis Delil.: Rambo, det. Parodi (lost).  
 neesiana Trin. et Rupr.: Araujo, det. Parodi.  
 papposa Nees: Araujo, det. Parodi.  
**Triodia hackelii** Arech.: Araujo, det. Parodi.

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