

Morro do Osso Natural Park, Porto Alegre, State of Rio Grande do Sul, Brazil

Representative grassland flora of a granitic hill of Morro do Osso

Mabel Rocio Baez-Lizarazo, Anderson L. Christ, Leonardo Nogueira, Ossman Barrientos-Diaz & Fernanda Schmidt Silveira
Universidade Federal do Rio Grande do Sul

Photos: Mabel Rocio Baez-Lizarazo (MRBL) & Fernanda Schmidt Silveira (FSS). Produced by Mabel Rocio Baez-Lizarazo [mabelrbl@gmail.com], Anderson L. Christ, Leonardo Nogueira, Ossman Barrientos-Diaz, and Fernanda Schmidt Silveira [okologie_natur@hotmail.com] with the assistance of Valéria Sampaio, Field Museum. Special Acknowledgement: Silvio Souto, Josimar Appel, Jorge, Jubilar Jobim, André Machado, and Carlos da Silva Amaral (staff of the Park Morro do Osso). Support provided by: Universidade Federal do Rio Grande do Sul, Capes and Cnpq. Identification assistance by: Camila Dellanese Inácio, Caroline Turchetto, Cleusa Vogel Ely, Dióber Borges Lucas, Eduardo Valduga, Juliana Schafer, Marcelo Reginato, Martin Grings, Pedro Joel da Silva, and Sérgio A. L. Bordignon.

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1 *Ruellia morongii*
ACANTHACEAE



2 *Ruellia morongii*
ACANTHACEAE



3 *Ruellia morongii*
ACANTHACEAE



4 *Stenandrium dulce*
ACANTHACEAE



5 *Stenandrium dulce*
ACANTHACEAE



6 *Gomphrena graminea*
AMARANTHACEAE



7 *Gomphrena graminea*
AMARANTHACEAE



8 *Pfaffia tuberosa*
AMARANTHACEAE



9 *Nothoscordum montevidense*
AMARYLLIDACEAE



10 *Zephyranthes* sp.
AMARYLLIDACEAE



11 *Schinus weinmanniifolia*
ANACARDIACEAE



12 *Eryngium ciliatum*
APIACEAE



13 *Eryngium ciliatum*
APIACEAE



14 *Eryngium elegans*
APIACEAE



15 *Eryngium elegans*
APIACEAE

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16 *Eryngium elegans*
APIACEAE



17 *Eryngium horridum*
APIACEAE



18 *Eryngium horridum*
APIACEAE



19 *Eryngium horridum*
APIACEAE



20 *Eryngium pristis*
APIACEAE



21 *Eryngium pristis*
APIACEAE



22 *Eryngium sanguisorba*
APIACEAE



23 *Eryngium sanguisorba*
APIACEAE



24 *Asclepias mellodora*
APOCYNACEAE



25 *Mandevilla coccinea*
APOCYNACEAE



26 *Mandevilla coccinea*
APOCYNACEAE



27 *Mandevilla longiflora*
APOCYNACEAE



28 *Mandevilla longiflora*
APOCYNACEAE



29 *Oxypetalum arnottianum*
APOCYNACEAE



30 *Oxypetalum arnottianum*
APOCYNACEAE

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31 *Oxypetalum muticum*
APOCYNACEAE



32 *Achyrocline flaccida*
ASTERACEAE



33 *Acmella bellidioides*
ASTERACEAE



34 *Acmella bellidioides*
ASTERACEAE



35 *Aspilia montevidensis*
ASTERACEAE



36 *Aspilia montevidensis*
ASTERACEAE



37 *Baccharis articulata*
ASTERACEAE



38 *Baccharis articulata*
ASTERACEAE



39 *Baccharis crista*
ASTERACEAE



40 *Baccharis dracunculifolia*
ASTERACEAE



41 *Baccharis patens*
ASTERACEAE



42 *Baccharis pentodonta*
ASTERACEAE



43 *Baccharis psiadioides*
ASTERACEAE



44 *Baccharis tridentata*
ASTERACEAE



45 *Calea uniflora*
ASTERACEAE

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46 *Campovassouria cruciata*
ASTERACEAE



47 *Campuloclinium macrocephalum*
ASTERACEAE



48 *Chaptalia integerrima*
ASTERACEAE



49 *Chaptalia nutans*
ASTERACEAE



50 *Chaptalia nutans*
ASTERACEAE



51 *Chevreulia sarmentosa*
ASTERACEAE



52 *Chevreulia sarmentosa*
ASTERACEAE



53 *Chromolaena aff. congesta*
ASTERACEAE



54 *Chromolaena aff. congesta*
ASTERACEAE



55 *Chromolaena congesta*
ASTERACEAE



56 *Chromolaena congesta*
ASTERACEAE



57 *Chromolaena hirsuta*
ASTERACEAE



58 *Chromolaena squarrolosa*
ASTERACEAE



59 *Chromolaena squarrolosa*
ASTERACEAE



60 *Chrysolaena flexuosa*
ASTERACEAE

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61 *Chrysolaena flexuosa*
ASTERACEAE



62 *Chrysolaena oligophylla*
ASTERACEAE



63 *Criscia stricta*
ASTERACEAE



64 *Disynaphia ligulifolia*
ASTERACEAE



65 *Elephantopus mollis*
ASTERACEAE



66 *Elephantopus mollis*
ASTERACEAE



67 *Erigeron primulifolius*
ASTERACEAE



68 *Erigeron primulifolius*
ASTERACEAE



69 *Gamochaeta americana*
ASTERACEAE



70 *Gamochaeta americana*
ASTERACEAE



71 *Grazielia intermedia*
ASTERACEAE



72 *Gyptis lanigera*
ASTERACEAE



73 *Gyptis lanigera*
ASTERACEAE



74 *Gyptis tanacetifolia*
ASTERACEAE



75 *Gyptis tanacetifolia*
ASTERACEAE

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76 *Hieracium commersonii*
ASTERACEAE



77 *Hieracium commersonii*
ASTERACEAE



78 *Holocheilus brasiliensis*
ASTERACEAE



79 *Hypochaeris radicata*
ASTERACEAE



80 *Hypochaeris radicata*
ASTERACEAE



81 *Lessingianthus rubricaulis*
ASTERACEAE



82 *Lessingianthus* sp.
ASTERACEAE



83 *Moquiniastrum cinereum*
ASTERACEAE



84 *Moquiniastrum cordatum*
ASTERACEAE



85 *Moquiniastrum cordatum*
ASTERACEAE



86 *Mutisia coccinea*
ASTERACEAE



87 *Noticastrum calvatum*
ASTERACEAE



88 *Noticastrum calvatum*
ASTERACEAE



89 *Orthopappus angustifolius*
ASTERACEAE



90 *Porophyllum lanceolatum*
ASTERACEAE

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91 *Pterocaulon angustifolium*
ASTERACEAE



92 *Pterocaulon angustifolium*
ASTERACEAE



93 *Pterocaulon polypterum*
ASTERACEAE



94 *Pterocaulon polypterum*
ASTERACEAE



95 *Pterocaulon rugosum*
ASTERACEAE



96 *Schlechtendalia luzulifolia*
ASTERACEAE



97 *Senecio heterotrichius*
ASTERACEAE



98 *Senecio heterotrichius*
ASTERACEAE



99 *Stenachaenium riedelii*
ASTERACEAE



100 *Stenocephalum megapotamicum*
ASTERACEAE



101 *Stevia* sp.
ASTERACEAE



102 *Stomatanthes oblongifolius*
ASTERACEAE



103 *Moritzia ciliata*
BORAGINACEAE



104 *Varronia curassavica*
BORAGINACEAE



105 *Dyckia remotiflora*
BROMELIACEAE

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106 *Dyckia choristaminea*
BROMELIACEAE



107 *Opuntia monacantha*
CACTACEAE



108 *Parodia ottonis*
CACTACEAE



109 *Wahlenbergia linarioides*
CAMPANULACEAE



110 *Crocanthemum brasiliense*
CISTACEAE



111 *Commelina erecta*
COMMELINACEAE



112 *Commelina platyphylla*
COMMELINACEAE



113 *Commelina platyphylla*
COMMELINACEAE



114 *Tradescantia crassula*
COMMELINACEAE



115 *Convolvulus crenatifolius*
CONVOLVULACEAE



116 *Dichondra sericea*
CONVOLVULACEAE



117 *Evolvulus sericeus*
CONVOLVULACEAE



118 *Cyperus aggregatus*
CYPERACEAE



119 *Cyperus reflexus*
CYPERACEAE



120 *Rhynchospora barrosiana*
CYPERACEAE

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121 *Rhynchospora setigera*
CYPERACEAE



122 *Bernardia caperoniifolia*
EUPHORBIACEAE



123 *Croton gnaphalii*
EUPHORBIACEAE



124 *Euphorbia selloi*
EUPHORBIACEAE



125 *Ctenodon falcatus*
FABACEAE



126 *Chamaecrista repens*
FABACEAE



127 *Collaea stenophylla*
FABACEAE



128 *Crotalaria tweedieana*
FABACEAE



129 *Desmodium incanum*
FABACEAE



130 *Indigofera asperifolia*
FABACEAE



131 *Macroptilium prostratum*
FABACEAE



132 *Mimosa dolens*
FABACEAE



133 *Mimosa dolens*
FABACEAE



134 *Mimosa cruenta*
FABACEAE



135 *Rhynchosia corylifolia*
FABACEAE

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136 *Stylosanthes montevidensis*
FABACEAE



137 *Zornia* sp.
FABACEAE



138 *Sinningia allagophylla*
GESNERIACEAE



139 *Sinningia allagophylla*
GESNERIACEAE



140 *Hypericum caprifoliatum*
HYPERICACEAE



141 *Cypella amplimaculata*
IRIDACEAE



142 *Cypella fucata*
IRIDACEAE



143 *Gelasine elongata*
IRIDACEAE



144 *Herbertia pulchella*
IRIDACEAE



145 *Sisyrinchium avenaceum*
IRIDACEAE



146 *Sisyrinchium marginatum*
IRIDACEAE



147 *Sisyrinchium megapotamicum*
IRIDACEAE



148 *Sisyrinchium micranthum*
IRIDACEAE



149 *Sisyrinchium palmifolium*
IRIDACEAE



150 *Sisyrinchium scariosum*
IRIDACEAE

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151 *Sisyrinchium sellowianum*
IRIDACEAE



152 *Glechon ciliata*
LAMIACEAE



153 *Hyptis comaroides*
LAMIACEAE



154 *Hyptis comaroides*
LAMIACEAE



155 *Cuphea glutinosa*
LYTHRACEAE



156 *Janusia guaranitica*
MALPIGHIACEAE



157 *Pavonia friesii*
MALVACEAE



158 *Pavonia friesii*
MALVACEAE



159 *Sida* cf. *regnellii*
MALVACEAE



160 *Sida rhombifolia*
MALVACEAE



161 *Sida viarum*
MALVACEAE



162 *Sida viarum*
MALVACEAE



163 *Waltheria communis*
MALVACEAE



164 *Waltheria communis*
MALVACEAE



165 *Wissadula glechomifolia*
MALVACEAE

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166 *Wissadula glechomifolia*
MALVACEAE



167 *Chaetogastra gracilis*
MELASTOMATACEAE



168 *Chaetogastra gracilis*
MELASTOMATACEAE



169 *Leandra australis*
MELASTOMATACEAE



170 *Leandra australis*
MELASTOMATACEAE



171 *Campomanesia aurea*
MYRTACEAE



172 *Campomanesia aurea*
MYRTACEAE



173 *Myrcia verticillaris*
MYRTACEAE



174 *Brachystele* sp.
ORCHIDACEAE



175 *Epidendrum fulgens*
ORCHIDACEAE



176 *Prescottia densiflora*
ORCHIDACEAE



177 *Sacoila lanceolata*
ORCHIDACEAE



178 *Sacoila lanceolata*
ORCHIDACEAE



179 *Agalinis communis*
OROBANCHACEAE



180 *Agalinis communis*
OROBANCHACEAE

Morro do Osso Natural Park, Porto Alegre, State of Rio Grande do Sul, Brazil

Representative grassland flora of a granitic hill of Morro do Osso

Mabel Rocio Baez-Lizarazo, Anderson L. Christ, Leonardo Nogueira, Ossman Barrientos-Diaz & Fernanda Schmidt Silveira
Universidade Federal do Rio Grande do Sul

Photos: Mabel Rocio Baez-Lizarazo (MRBL) & Fernanda Schmidt Silveira (FSS). Produced by Mabel Rocio Baez-Lizarazo [mabelrbl@gmail.com], Anderson L. Christ, Leonardo Nogueira, Ossman Barrientos-Diaz, and Fernanda Schmidt Silveira [okologie_natur@hotmail.com] with the assistance of Valéria Sampaio, Field Museum. Special Acknowledgement: Silvio Souto, Josimar Appel, Jorge, Jubilar Jobim, André Machado, and Carlos da Silva Amaral (staff of the Park Morro do Osso). Support provided by: Universidade Federal do Rio Grande do Sul, Capes and Cnpq. Identification assistance by: Camila Dellanese Inácio, Caroline Turchetto, Cleusa Vogel Ely, Dióber Borges Lucas, Eduardo Valduga, Juliana Schafer, Marcelo Reginato, Martin Grings, Pedro Joel da Silva, and Sérgio A. L. Bordignon.

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181 *Buchnera longifolia*
OROBANCHACEAE



182 *Castilleja arvensis*
OROBANCHACEAE



183 *Oxalis eriocarpa*
OXALIDACEAE



184 *Oxalis eriocarpa*
OXALIDACEAE



185 *Oxalis floribunda*
OXALIDACEAE



186 *Oxalis floribunda*
OXALIDACEAE



187 *Passiflora foetida*
PASSIFLORACEAE



188 *Passiflora suberosa*
PASSIFLORACEAE



189 *Angelonia integerrima*
PLANTAGINACEAE



190 *Angelonia integerrima*
PLANTAGINACEAE



191 *Plantago tomentosa*
PLANTAGINACEAE



192 *Plantago tomentosa*
PLANTAGINACEAE



193 *Scoparia ericacea*
PLANTAGINACEAE



194 *Aristida jubata*
POACEAE



195 *Aristida laevis*
POACEAE

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196 *Chascolytrum lamarckianum*
POACEAE



197 *Chascolytrum lamarckianum*
POACEAE



198 *Chascolytrum subaristatum*
POACEAE



199 *Chascolytrum subaristatum*
POACEAE



200 *Cinnagrostis alba*
POACEAE



201 *Elionurus muticus*
POACEAE



202 *Eragrostis neesii*
POACEAE



203 *Eragrostis neesii*
POACEAE



204 *Melica brasiliana*
POACEAE



205 *Melica brasiliana*
POACEAE



206 *Paspalum notatum*
POACEAE



207 *Paspalum plicatulum*
POACEAE



208 *Piptochaetium montevidense*
POACEAE



209 *Piptochaetium montevidense*
POACEAE



210 *Piptochaetium montevidense*
POACEAE

Morro do Osso Natural Park, Porto Alegre, State of Rio Grande do Sul, Brazil

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211 *Schizachyrium microstachyum*
POACEAE



212 *Setaria vaginata*
POACEAE



213 *Setaria vaginata*
POACEAE



214 *Setaria parviflora*
POACEAE



215 *Setaria parviflora*
POACEAE



216 *Sorghastrum* sp.
POACEAE



217 *Sorghastrum* sp.
POACEAE



218 *Trachypogon spicatus*
POACEAE



219 *Asemeia extraaxillaris*
POLYGALACEAE



220 *Asemeia extraaxillaris*
POLYGALACEAE



221 *Monnina oblongifolia*
POLYGALACEAE



222 *Lysimachia arvensis*
PRIMULACEAE



223 *Spermacoce* cf. *verticillata*
RUBIACEAE



224 *Borreria* sp.
RUBIACEAE



225 *Borreria* sp.
RUBIACEAE

Morro do Osso Natural Park, Porto Alegre, State of Rio Grande do Sul, Brazil

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226 *Chiococca alba*
RUBIACEAE



227 *Coccocypselum lanceolatum*
RUBIACEAE



228 *Galianthe fastigiata*
RUBIACEAE



229 *Hexasepalum apiculatum*
RUBIACEAE



230 *Richardia grandiflora*
RUBIACEAE



231 *Trachypogon spicatus*
RUBIACEAE



232 *Dodonaea viscosa*
SAPINDACEAE



233 *Buddleja thyrsoides*
SCROPHULARIACEAE



234 *Buddleja thyrsoides*
SCROPHULARIACEAE



235 *Calibrachoa excellens*
SOLANACEAE



236 *Calibrachoa calycina*
SOLANACEAE



237 *Calibrachoa calycina*
SOLANACEAE



238 *Nicotiana bonariensis*
SOLANACEAE



239 *Nicotiana bonariensis*
SOLANACEAE



240 *Petunia integrifolia*
SOLANACEAE

Morro do Osso Natural Park, Porto Alegre, State of Rio Grande do Sul, Brazil 17

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241 *Petunia integrifolia*
SOLANACEAE



242 *Solanum sisymbriifolium*
SOLANACEAE



243 *Solanum sisymbriifolium*
SOLANACEAE



244 *Piriqueta taubatensis*
TURNERACEAE



245 *Piriqueta taubatensis*
TURNERACEAE



246 *Glandularia marrubioides*
VERBENACEAE



247 *Glandularia* cf. *cunha*
VERBENACEAE



248 *Glandularia* sp.
VERBENACEAE



249 *Lantana fucata*
VERBENACEAE



250 *Lippia hieracifolia*
VERBENACEAE



251 *Lippia hieracifolia*
VERBENACEAE



252 *Stachytarpheta cayennensis*
VERBENACEAE



253 *Stachytarpheta cayennensis*
VERBENACEAE



254 *Verbena intermedia*
VERBENACEAE



255 *Verbena intermedia*
VERBENACEAE