

Nova Ubiratã, State of Mato Grosso, Brazil

Aquatic Macrophytes of Rio Ronuro Ecological Station

Christian Gabriel da Silva, Diego Taquini de Araujo, Bianca Rodrigues Bevilacqua, Arthur Guedes Bomfim, Hanna Beatriz Macedo, Davi Barboza Dolzane, Dienefe Rafaela Giacoppini, Larissa Cavalheiro, Milton Omar Córdova
Universidade Federal de Mato Grosso

Photos: Córdova, M. O.; Giacoppini, D. R.; Silva, C. G. Produced by: Silva, C. G. (christian.silva3@sou.ufmt.br) with the assistance of Valéria Sampaio, Field Museum.
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The Rio Ronuro Ecological Station (ESEC) was created with the goal of establishing conservation units. The Rio Ronuro ESEC was initially created with an approximate area of 132,000 hectares, which was reduced in 2005 to the current 102,000 hectares. The Rio Ronuro ESEC was among the 19 potential conservation sites, which were defined as Zone 6 Environmental Preservation Units: "Areas with ecological systems that are extremely sensitive to all types of technological impact, featuring representative ecosystems of fauna and flora, scenic beauty, and priority areas for environmental conservation." The ESEC is situated between two phytogeographic regions (Cerrado and Seasonal Semideciduous Forest) and an area of vegetation with Pioneer Formations of Fluvial Influence.



1 *Hygrophila costata*
ACANTHACEAE
Amphibian herb



2 *Eryngium ebracteatum*
APIACEAE
Amphibian herb



3 *Eryngium ebracteatum*
APIACEAE
Amphibian herb



4 *Xanthosoma aristeguietae*
ARACEAE
Amphibian herb



5 *Xanthosoma aristeguietae*
ARACEAE
Amphibian herb



6 *Bactris hirta*
ARECACEAE
Amphibian palm



7 *Bactris hirta*
ARECACEAE
Amphibian palm



8 *Conyza bonariensis*
ASTERACEAE
Amphibian subshrub



9 *Conyza bonariensis*
ASTERACEAE
Amphibian subshrub



10 *Mikania micrantha*
ASTERACEAE
Amphibian vine

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11 *Mikania micrantha*
ASTERACEAE
Amphibian vine



12 *Mikania micrantha*
ASTERACEAE
Amphibian vine



13 *Costus spiralis*
COSTACEAE
Amphibian herb



14 *Calyptrocarya glomerulata*
CYPERACEAE
Amphibian herb



15 *Calyptrocarya glomerulata*
CYPERACEAE
Amphibian herb



16 *Cyperus digitatus*
CYPERACEAE
Amphibian herb



17 *Cyperus haspan*
CYPERACEAE
Amphibian herb



18 *Cyperus luzulae*
CYPERACEAE
Amphibian herb



19 *Cyperus luzulae*
CYPERACEAE
Amphibian herb



20 *Cyperus mundtii*
CYPERACEAE
Amphibian herb



21 *Cyperus surinamensis*
CYPERACEAE
Amphibian herb



22 *Cyperus surinamensis*
CYPERACEAE
Amphibian herb



23 *Diplacrum capitatum*
CYPERACEAE
Amphibian herb



24 *Eleocharis acutangula*
CYPERACEAE
Amphibian herb



25 *Eleocharis acutangula*
CYPERACEAE
Amphibian herb

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26 *Eleocharis elegans*
CYPERACEAE
Amphibian herb



27 *Eleocharis elegans*
CYPERACEAE
Amphibian herb



28 *Eleocharis filiculmis*
CYPERACEAE
Amphibian herb



29 *Eleocharis interstincta*
CYPERACEAE
Amphibian herb



30 *Eleocharis minima*
CYPERACEAE
Amphibian herb



31 *Eleocharis minima*
CYPERACEAE
Amphibian herb



32 *Fuirena umbellata*
CYPERACEAE
Amphibian herb



33 *Rhynchospora cephalotes*
CYPERACEAE
Amphibian herb



34 *Rhynchospora cephalotes*
CYPERACEAE
Amphibian herb



35 *Scleria latifolia*
CYPERACEAE
Amphibian herb



36 *Scleria latifolia*
CYPERACEAE
Amphibian herb



37 *Scleria macrophylla*
CYPERACEAE
Amphibian herb



38 *Davilla nitida*
DILLENIACEAE
Amphibian liana



39 *Davilla nitida*
DILLENIACEAE
Amphibian liana



40 *Davilla rugosa*
DILLENIACEAE
Amphibian liana

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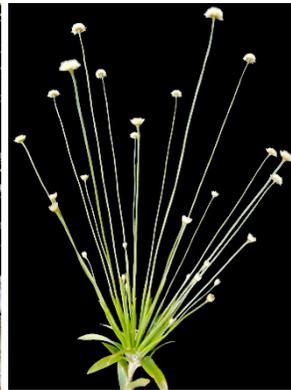
41 *Paepalanthus lamarckii*
ERIOCAULACEAE
Amphibian herb



42 *Paepalanthus lamarckii*
ERIOCAULACEAE
Amphibian herb



43 *Syngonanthus gracilis*
ERIOCAULACEAE
Amphibian herb



44 *Syngonanthus gracilis*
ERIOCAULACEAE
Amphibian herb



45 *Syngonanthus gracilis*
ERIOCAULACEAE
Amphibian herb



46 *Croton trinitatis*
EUPHORBIACEAE
Amphibian herb



47 *Erythroxylum anguifugum*
ERYTHROXYLACEAE
Amphibian subshrub



48 *Erythroxylum anguifugum*
ERYTHROXYLACEAE
Amphibian subshrub



49 *Mimosa pigra*
FABACEAE
Amphibian subshrub



50 *Mimosa pigra*
FABACEAE
Amphibian subshrub



51 *Mimosa pudica*
FABACEAE
Amphibian subshrub



52 *Mimosa pudica*
FABACEAE
Amphibian subshrub



53 *Mimosa pudica*
FABACEAE
Amphibian subshrub



54 *Senna silvestris*
FABACEAE
Amphibian shrub



55 *Heliconia acuminata*
HELICONIACEAE
Amphibian herb

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56 *Heliconia angusta*
HELICONIACEAE
Amphibian herb



57 *Heliconia angusta*
HELICONIACEAE
Amphibian herb



58 *Trichomanes hostmannianum*
HYMENOPHYLLACEAE
Amphibian herb



59 *Trichomanes pinnatum*
HYMENOPHYLLACEAE
Amphibian herb



60 *Trichomanes pinnatum*
HYMENOPHYLLACEAE
Amphibian herb



61 *Trichomanes pinnatum*
HYMENOPHYLLACEAE
Amphibian herb



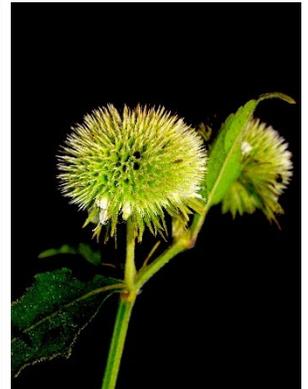
62 *Hyptis atrorubens*
LAMIACEAE
Amphibian subshrub



63 *Hyptis atrorubens*
LAMIACEAE
Amphibian subshrub



64 *Hyptis campestris*
LAMIACEAE
Amphibian subshrub



65 *Hyptis campestris*
LAMIACEAE
Amphibian subshrub



66 *Hyptis campestris*
LAMIACEAE
Amphibian subshrub



67 *Palhinhaea camporum*
LYCOPODIACEAE
Amphibian herb



68 *Palhinhaea camporum*
LYCOPODIACEAE
Amphibian herb



69 *Helicteres guazumifolia*
MALVACEAE
Amphibian shrub



70 *Helicteres guazumifolia*
MALVACEAE
Amphibian shrub

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71 *Mayaca fluviatilis*
MAYACACEAE
Amphibian herb



72 *Mayaca fluviatilis*
MAYACACEAE
Amphibian herb



73 *Mayaca fluviatilis*
MAYACACEAE
Amphibian herb



74 *Mayaca fluviatilis*
MAYACACEAE
Amphibian herb



75 *Mayaca sellowiana*
MAYACACEAE
Amphibian herb



76 *Mayaca sellowiana*
MAYACACEAE
Amphibian herb



77 *Mayaca sellowiana*
MAYACACEAE
Amphibian herb



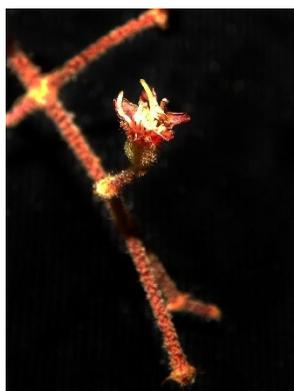
78 *Aciotis acuminifolia*
MELASTOMATACEAE
Amphibian herb



79 *Aciotis acuminifolia*
MELASTOMATACEAE
Amphibian herb



80 *Clidemia bullosa*
MELASTOMATACEAE
Amphibian shrub



81 *Clidemia bullosa*
MELASTOMATACEAE
Amphibian shrub



82 *Clidemia bullosa*
MELASTOMATACEAE
Amphibian shrub



83 *Desmoscelis villosa*
MELASTOMATACEAE
Amphibian subshrub



84 *Macairea radula*
MELASTOMATACEAE
Amphibian shrub



85 *Miconia stenostachya*
MELASTOMATACEAE
Amphibian shrub

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86 *Miconia stenostachya*
MELASTOMATACEAE
Amphibian shrub



87 *Miconia stenostachya*
MELASTOMATACEAE
Amphibian shrub



88 *Noterophila crassipes*
MELASTOMATACEAE
Amphibian herb



89 *Rhynchanthera dichotoma*
MELASTOMATACEAE
Amphibian shrub



90 *Rhynchanthera dichotoma*
MELASTOMATACEAE
Amphibian shrub



91 *Sauvagesia elata*
OCHNACEAE
Amphibian subshrub



92 *Sauvagesia erecta*
OCHNACEAE
Amphibian herb



93 *Ludwigia nervosa*
ONAGRACEAE
Amphibian shrub



94 *Eulophia alta*
ORCHIDACEAE
Amphibian herb



95 *Eulophia alta*
ORCHIDACEAE
Amphibian herb



96 *Phyllanthus orbiculatus*
PHYLLANTHACEAE
Amphibian herb



97 *Bacopa salzmännii*
PLANTAGINACEAE
Amphibian herb



98 *Scoparia dulcis*
PLANTAGINACEAE
Amphibian subshrub



99 *Andropogon bicornis*
POACEAE
Amphibian herb



100 *Andropogon bicornis*
POACEAE
Amphibian herb

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101 *Andropogon bicornis*
POACEAE
Amphibian herb



102 *Digitaria ciliaris*
POACEAE
Amphibian herb



103 *Digitaria ciliaris*
POACEAE
Amphibian herb



104 *Eragrostis ciliaris*
POACEAE
Amphibian herb



105 *Eragrostis maypurensis*
POACEAE
Amphibian herb



106 *Paspalum conspersum*
POACEAE
Amphibian herb



107 *Rugoloa hylaeica*
POACEAE
Amphibian herb



108 *Rugoloa hylaeica*
POACEAE
Amphibian herb



109 *Rugoloa pilosa*
POACEAE
Amphibian herb



110 *Pontederia diversifolia*
PONTEDERIACEAE
Amphibian herb



111 *Rapatea paludosa*
RAPATEACEAE
Amphibian herb



112 *Rapatea paludosa*
RAPATEACEAE
Amphibian herb



113 *Borreria latifolia*
RUBIACEAE
Amphibian subshrub



114 *Borreria latifolia*
RUBIACEAE
Amphibian subshrub



115 *Palicourea amplexans*
RUBIACEAE
Amphibian shrub

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116 *Palicourea amplexans*
RUBIACEAE
Amphibian shrub



117 *Palicourea amplexans*
RUBIACEAE
Amphibian shrub



118 *Psychotria bahiensis*
RUBIACEAE
Amphibian shrub



119 *Sabicea aspera*
RUBIACEAE
Amphibian vine



120 *Sabicea aspera*
RUBIACEAE
Amphibian vine



121 *Sabicea aspera*
RUBIACEAE
Amphibian vine



122 *Sipanea biflora*
RUBIACEAE
Amphibian herb



123 *Piriqeta cistoides*
TURNERACEAE
Amphibian subshrub



124 *Lantana canescens*
VERBENACEAE
Amphibian shrub



125 *Lantana canescens*
VERBENACEAE
Amphibian shrub



126 *Xyris macrocephala*
XYRIDACEAE
Amphibian herb



127 *Xyris macrocephala*
XYRIDACEAE
Amphibian herb



128 *Xyris jupicai*
XYRIDACEAE
Amphibian herb



129 *Xyris jupicai*
XYRIDACEAE
Amphibian herb



130 *Xyris savanensis*
XYRIDACEAE
Amphibian herb