

# RESENDE – RIO DE JANEIRO - BRASIL

## MACROPHYTES OF THE PARAIBA DO SUL RIVER

1

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[884] versão 1

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The Paraíba do Sul river runs through the heart of city of Resende for economic, historical, and environmental reasons. Aquatic plants (macrophytes) help keep the river healthy by reducing erosion, providing food and shelter for wildlife, and offering nesting sites for waterbirds. This guide contains 50 pictures of 22 macrophyte species found on the river, and is intended for anyone who wants to discover more about these plants. Some of the plants in this guide are floating aquatics, others grow beneath the water, and others are amphibious.



Sunrise over the Paraíba do Sul river.



1 *Hygrophila costata*  
ACANTHACEAE



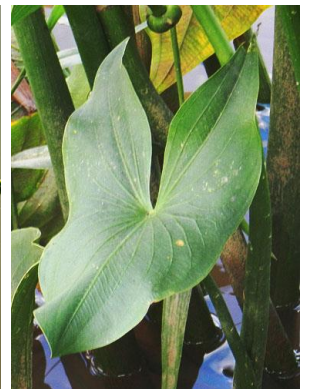
2 *Hygrophila costata*  
ACANTHACEAE



3 *Echinodorus grandiflorus*  
ALISMATACEAE



4 *Echinodorus grandiflorus*  
ALISMATACEAE



5 *Sagittaria montevidensis*  
ALISMATACEAE



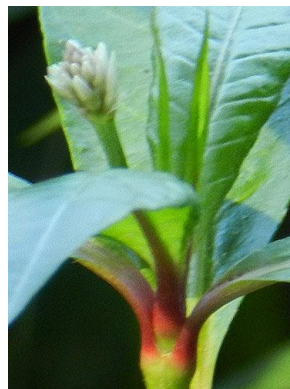
6 *Sagittaria montevidensis*  
ALISMATACEAE



7 *Alternanthera philoxeroides*  
AMARANTHACEAE



8 *Alternanthera philoxeroides*  
AMARANTHACEAE



9 *Alternanthera philoxeroides*  
AMARANTHACEAE



10 *Pistia stratiotes*  
ARACEAE



11 *Pistia stratiotes*  
ARACEAE



12 *Myriophyllum aquaticum*  
HALORAGACEAE



13 *Myriophyllum aquaticum*  
HALORAGACEAE



14 *Egeria densa*  
HYDROCHARITACEAE



15 *Egeria densa*  
HYDROCHARITACEAE

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[884] versão 1 08/2017



16 *Hydrocleys nymphoides*  
LIMNOCHARITACEAE



17 *Hydrocleys nymphoides*  
LIMNOCHARITACEAE



18 *Hydrocleys nymphoides*  
LIMNOCHARITACEAE



19 *Cuphea carthagenensis*  
LYTHRACEAE



20 *Cuphea carthagenensis*  
LYTHRACEAE



21 *Marsilea crotophora*  
MARSILEACEAE



22 *Marsilea crotophora*  
MARSILEACEAE



23 *Ludwigia tomentosa*  
ONAGRACEAE



24 *Ludwigia tomentosa*  
ONAGRACEAE



25 *Hymenachne amplexicaulis*  
POACEAE



26 *Hymenachne amplexicaulis*  
POACEAE



27 *Polygonum ferrugineum*  
POLYGONACEAE



28 *Polygonum ferrugineum*  
POLYGONACEAE



29 *Polygonum ferrugineum*  
POLYGONACEAE



30 *Polygonum punctatum*  
POLYGONACEAE



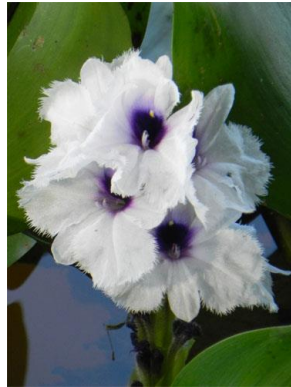
31 *Polygonum punctatum*  
POLYGONACEAE



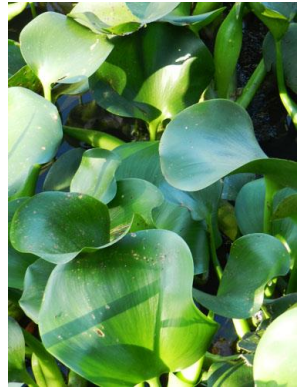
32 *Polygonum punctatum*  
POLYGONACEAE



33 *Eichhornia azurea*  
PONTEDERIACEAE



34 *Eichhornia azurea*  
PONTEDERIACEAE



35 *Eichhornia crassipes*  
PONTEDERIACEAE

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[884] versão 1 08/2017



36 *Eichhornia crassipes*  
PONTEDERIACEAE



37 *Heteranthera reniformis*  
PONTEDERIACEAE



38 *Heteranthera reniformis*  
PONTEDERIACEAE



39 *Heteranthera reniformis*  
PONTEDERIACEAE



40 *Salvinia auriculata*  
SALVINIACEAE



41 *Salvinia auriculata*  
SALVINIACEAE



42 *Salvinia biloba*  
SALVINIACEAE



43 *Salvinia biloba*  
SALVINIACEAE



44 *Bacopa* sp  
SCROPHULARIACEAE



45 *Bacopa* sp  
SCROPHULARIACEAE



46 *Typha dominguensis*  
TYPHACEAE



47 *Typha dominguensis*  
TYPHACEAE



48 *Boehmeria cylindrica*  
URTICACEAE



49 *Boehmeria cylindrica*  
URTICACEAE



50 *Boehmeria cylindrica*  
URTICACEAE



Macrophytes at Paraíba do Sul river.

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## MACROPHYTES OF THE PARAIBA DO SUL RIVER

4

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Population of *Polygonum ferrugineum* forming a kind of vegetation island.



A population of *Eichhornia crassipes* and *Hymenachne amplexicaulis*, with a bird (*Fluvicola nengeta*).



A *Hydrochoerus hydrochaeris* (Capivara) walking among macrophytes. A *Salvinia biloba* stuck on her back.