|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Family/Species** | **O** | **LF** | **SC** | **Sampling stations** |
| LO1 | LO2 | LO3 | LO4 | LO5 | LE1lag | LE2lag | LE3lag | LE4lak | LE5lak | LE6lak |
| **ALISMATACEAE** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Hydrocleys nymphoides* (Willd.) Buchenau | N | FF | — |  |  |  |  |  |  |  | ● |  |  |  |
| *Limnocharis flava* (L.) Buchenau | N | Amp/Eme | — |  |  |  |  |  | ● |  |  |  |  |  |
| *Sagittaria lancifolia* L. | N | Eme | VU |  |  |  |  |  | ● | ● |  |  |  |  |
| **AMARANTHACEAE** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Alternanthera philoxeroides* (Mart.) Griseb. | N | Amp | — | ● | ● | ● | ● |  |  |  | ● |  |  |  |
| *Alternanthera tenella* Colla | N | Amp | LC | ● |  |  | ● | ● |  |  |  |  |  |  |
| *Blutaparon portulacoides* (A.St.-Hil.) Mears | N | Amp | LC |  |  |  |  |  |  |  | ● |  |  |  |
| *Hebanthe eriantha* (Poir.) Pedersen | N | Amp | LC |  |  | ● |  |  |  |  |  |  |  |  |
| *Pfaffia glomerata* (Spreng.) Pedersen | N | Amp | LC | ● | ● | ● | ● | ● |  |  |  |  |  |  |
| *Pfaffia tuberosa* (Spreng.) Hicken | N | Amp | — | ● |  |  |  |  |  |  |  |  |  |  |
| **AMARYLIDACEAE** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Crinum americanum* L. | N | Amp /Eme | — |  |  |  |  |  |  | ● |  |  |  |  |
| **APIACEAE** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Centella asiatica* (L.) Urb. | Nz | Eme | — |  |  |  |  |  |  |  | ● |  |  |  |
| **ARACEAE** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Montrichardia linifera* (Arruda) Schott | N | Amp /Eme | — |  |  | ● | ● |  | ● | ● | ● |  |  |  |
| *Pistia stratiotes* L. | N | FFL | — |  | ● |  |  |  |  |  |  |  |  |  |
| **ASTERACEAE** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Acmella oleracea* (L.) R.K.Jansen | Nz | Amp | — |  |  |  | ● |  |  |  |  |  |  |  |
| *Enydra anagalis* Gardner | N | Eme | LC |  |  |  |  |  |  |  | ● |  |  |  |
| **BLECHNACEAE** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Telmatoblechnum serrulatum* (Rich.) Perrie et al. | N | Amp | — |  | ● |  |  |  | ● | ● |  |  |  |  |
| **CABOMBACEAE** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Cabomba furcata* Schult. & Schult. f. | N | FS | LC |  |  |  |  |  |  | ● |  |  |  |  |
| **CLEOMACEAE** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Tarenaya spinosa* (Jacq.) Raf. | N | Amp /Eme | — | ● |  |  |  |  |  |  |  |  |  |  |
| **CYPERACEAE** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Calyptrocarya glomerulata* (Brongn.) Urb. | N | Eme | — |  |  |  |  |  |  |  | ● |  |  |  |
| *Cyperus articulatus* L. | N | Amp /Eme | — |  |  |  |  | ● |  | ● |  |  |  |  |
| *Cyperus esculentus* L. | Nz | Amp /Eme | — |  |  |  |  |  |  |  |  |  |  | ● |
| *Cyperus gardneri* Nees | N | Amp /Epi | — |  | ● |  |  |  |  |  |  | ● |  | ● |
| *Cyperus haspan* L. | N | Amp /Eme | — | ● |  |  |  |  |  |  |  |  |  |  |
| *Cyperus hermaphroditus* (Jacq.) Standl. | N | Amp /Eme | — |  |  |  |  |  |  |  |  |  | ● |  |
| *Cyperus ligularis* L. | N | Amp /Eme | — |  |  |  | ● |  |  |  | ● |  | ● |  |
| *Cyperus luzulae* (L.) Retz. | N | Amp /Eme | — | ● |  |  | ● | ● |  |  | ● | ● |  | ● |
| *Cyperus polystachyos* Rottb. | N | Amp /Eme | — |  |  |  | ● | ● |  | ● |  |  |  |  |
| *Cyperus subsquarrosus* (Muhl.) Bauters | N | Amp /Eme | — |  | ● |  |  | ● |  |  |  |  |  |  |
| *Cyperus surinamensis* Rottb. | N | Amp /Eme | — |  | ● |  | ● | ● |  |  |  |  |  |  |
| *Eleocharis acutangula* (Roxb.) Schult. | N | Amp /Eme | — |  |  |  |  |  |  | ● | ● | ● |  |  |
| *Eleocharis confervoides* (Poir.) Steud. | N | Amp /Eme | — |  |  |  |  |  |  |  | ● |  |  |  |
| *Eleocharis geniculata* (L.) Roem. & Schult. | N | Amp /Eme | — |  |  |  |  | ● |  |  |  | ● | ● |  |
| *Eleocharis interstincta* (Vahl) Roem. & Schult. | N | Amp /Eme | — |  |  |  |  | ● | ● | ● | ● | ● |  |  |
| *Fimbristylis cymosa* R.Br. | N | Amp /Eme | — |  |  |  |  | ● |  |  |  |  |  |  |
| *Fimbristylis miliacea* (L.) Vahl | N | Amp /Eme | — |  |  |  | ● | ● |  |  |  |  |  |  |
| *Fuirena umbellata* Rottb. | N | Amp /Eme | — |  |  |  |  | ● | ● | ● |  |  |  |  |
| *Rhynchospora corymbosa* (L.) Britton **\*** | N | Amp /Eme | — |  |  |  |  | ● |  | ● | ● |  |  |  |
| *Rhynchospora holoschoenoides* (Rich.) Herter | N | Amp /Eme | — |  |  |  |  |  | ● | ● |  | ● |  |  |
| *Scleria gaertneri* Raddi | N | Amp /Eme | — |  |  |  |  |  |  |  |  |  | ● |  |
| *Scleria mitis* P.J.Bergius | N | Amp /Eme | — |  |  | ● |  |  | ● | ● |  | ● | ● |  |
| **ERIOCAULACEAE** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Tonina fluviatilis* Aubl. | N | Eme | — |  |  |  |  |  | ● |  |  | ● |  |  |
| **HYDROCHARITACEAE** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Egeria densa* Planch. | N | FRS | — |  |  |  |  |  | ● |  | ● | ● |  |  |
| *Limnobium laevigatum* (Humb. & Bonpl.) Heine | N | FFL | — |  | ● |  |  |  |  |  |  |  |  |  |
| **HYDROLEACEAE** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Hydrolea elatior* Schott | N | Amp /Eme | — |  |  |  |  |  | ● |  |  |  |  |  |
| *Hydrolea spinosa* L. | N | Amp /Eme | — | ● |  |  |  | ● |  |  |  |  |  |  |
| **LENTIBULARIACEAE** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Utricularia foliosa* L. | N | FFL | LC |  |  |  |  |  |  | ● | ● |  | ● |  |
| *Utricularia gibba* L. | N | Epi/FFL | — |  |  |  |  |  |  | ● | ● | ● |  |  |
| *Utricularia hydrocarpa* Vahl. | N | FFL | LC |  |  |  |  |  |  | ● |  |  |  |  |
| **LINDERNIACEAE** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Micranthemum umbrosum* (Walter ex J.F.Gmel.) Blake | N | Amp | LC |  |  |  |  |  |  |  | ● |  |  |  |
| *Torenia thouarsii* (Cham. & Schltdl.) Kuntze | N | Amp | — |  |  |  | ● | ● | ● |  |  |  |  |  |
| **LYGODIACEAE** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Lygodium venustum* Sw. | N | Amp | — |  |  |  | ● |  |  |  |  |  | ● |  |
| *Lygodium volubile* Sw. | N | Amp | — |  | ● | ● |  |  | ● |  | ● |  |  |  |
| **LYTHRACEAE** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Cuphea carthagenensis* (Jacq.) J.F. Macbr. | N | Amp | — |  |  |  |  | ● |  |  |  |  |  |  |
| *Cuphea melvilla* Lindl. | N | Amp | LC | ● | ● | ● |  |  | ● |  |  |  |  | ● |
| **MALVACEAE** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Talipariti pernambucense* (Arruda) Bovini | N | Amp | — |  |  | ● | ● |  |  |  |  |  |  |  |
| **MARANTACEAE** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Stromanthe thalia* (Vell.) J.M.A.Braga **\*** | N | Amp /Eme | — |  |  |  |  |  |  |  | ● |  |  |  |
| **MENYANTHACAEAE** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Nymphoides humboldtiana* (Kunh) Kuntze | N | FF/ FFL | — |  |  |  |  |  | ● |  | ● | ● |  |  |
| **MOLLUGINACEAE** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Mollugo verticillata* L. | N | Amp | — |  |  |  |  | ● |  |  |  |  |  |  |
| **NYMPHAEACEAE** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Nymphaea caerulea* Savigny | N | FF | — |  |  |  |  |  |  |  | ● |  |  |  |
| *Nymphaea lingulata* Wiersema **\*** | N | FF | — |  |  |  |  |  |  | ● |  |  |  |  |
| *Nymphaea pulchella* DC. | N | FF | — |  |  |  |  |  |  | ● | ● |  |  |  |
| *Nymphaea rudgeana* G.Mey. | N | FF | — |  |  |  |  |  |  |  | ● | ● |  |  |
| **ONAGRACEAE** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Ludwigia erecta* (L.) H.Hara | N | Eme/Amp | — |  |  |  | ● | ● |  |  |  |  |  |  |
| *Ludwigia leptocarpa* (Nutt.) H.Hara | N | Amp /Eme | — |  |  |  |  |  |  |  | ● |  | ● | ● |
| *Ludwigia octovalvis* (Jacq.) P.H.Raven | N | Amp /Eme | — | ● | ● |  | ● | ● | ● |  |  | ● |  |  |
| *Ludwigia torulosa* (Arn.) H.Hara | N | Amp /Eme | — |  |  |  |  |  |  | ● |  | ● |  |  |
| **PLANTAGINACEAE** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Bacopa monnieri* (L.) Pennell | N | Eme | — |  | ● |  | ● |  |  |  | ● |  |  |  |
| **POACEAE** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Acroceras zizanioides* (Kunth) Dandy | N | Amp /Eme | — | ● |  |  | ● |  |  |  |  |  | ● |  |
| *Cenchrus brownii* Roem. & Schult. | N | Amp | — |  |  |  |  | ● |  |  |  |  |  |  |
| *Cortaderia selloana* (Schult. & Schult.f.) Asch. & Graebn. | N | Amp | — |  | ● |  |  |  |  |  |  |  |  |  |
| *Echinochloa crusgalli* (L.) P.Beauv. | N | Amp | — |  |  |  |  |  |  |  | ● |  |  |  |
| *Eleusine indica* (L.) Gaertn. | Nz | Amp | — |  |  |  |  | ● |  |  |  |  |  |  |
| *Hildaea pallens* (Sw.) C.Silva & R.P.Oliveira | N | Amp | — |  |  |  |  |  |  |  |  |  | ● |  |
| *Hymenachne amplexicaulis* (Rudge) Nees | N | Amp /Eme | — |  | ● |  |  | ● |  |  |  |  |  |  |
| *Hymenachne pernambucensis* (Spreng.) Zuloaga | N | Amp /Eme | LC | ● | ● |  | ● | ● | ● | ● |  | ● | ● |  |
| *Luziola peruviana* Juss. ex J.F.Gmel. | N | FF | — |  |  |  |  | ● |  |  |  |  | ● | ● |
| *Ocellochloa stolonifera* (Poir.) Zuloaga & Morrone | N | Amp | — |  | ● | ● |  |  |  |  |  |  |  |  |
| *Panicum aquaticum* Poir. | N | FF | — |  | ● | ● | ● | ● |  |  | ● |  | ● | ● |
| *Panicum dichotomiflorum* Michx. | N | Amp /Eme | — | ● |  |  |  | ● |  |  |  |  | ● |  |
| *Panicum gouinii* E.Fourn. | N | FF | LC |  |  |  |  | ● |  |  |  |  |  | ● |
| *Panicum millegrana* Poir. | N | Amp /Eme | — | ● | ● | ● | ● | ● |  |  | ● | ● |  | ● |
| *Panicum repens* L. | Nz | FF | — | ● | ● |  |  | ● |  |  | ● | ● | ● |  |
| *Panicum stramineum* Hitchc. & Chase | N | FF | — |  | ● |  |  |  |  |  |  | ● | ● |  |
| *Parodiolyra micrantha* (Kunth) Davidse & Zuloaga | N | Amp | — |  |  |  |  |  |  |  |  |  | ● |  |
| *Paspalum millegrana* Schrad. ex Schult. | N | Amp /Eme | — | ● |  |  | ● | ● |  |  | ● |  |  |  |
| *Paspalum pilosum* Lam. | N | Amp /Eme | — | ● |  |  |  |  |  | ● |  |  | ● |  |
| *Rugoloa pilosa* (Sw.) Zuloaga | N | Amp /Eme | — |  |  |  |  |  |  | ● |  |  |  |  |
| *Steinchisma laxum* (Sw.) Zuloaga | N | Amp | — |  |  |  |  | ● |  |  |  |  |  |  |
| *Urochloa brizantha* (Hochst.) R.D.Webster | Nz | Amp | — | ● |  |  | ● | ● |  |  | ● |  | ● |  |
| Poaceae sp. 1 | — | Amp /Eme | — |  | ● |  | ● |  |  | ● |  | ● | ● | ● |
| **POLYGONACEAE** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Polygonum ferrugineum* Wedd. | N | Amp /Eme | — | ● | ● |  | ● | ● |  |  |  |  |  | ● |
| *Polygonum hydropiperoides* Michx. | N | Amp /Eme | — | ● | ● |  |  | ● |  |  | ● |  |  |  |
| *Polygonum punctatum* Elliott | N | Amp /Eme | — |  |  |  |  | ● | ● |  |  |  |  |  |
| **PONTEDERIACEAE** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Eichhornia azurea* (Sw.) Kunth | N | FF/FFL | — |  | ● | ● | ● |  | ● |  |  |  | ● | ● |
| *Eichhornia crassipes* (Mart.) Solms | N | FF/FFL | — |  | ● | ● | ● |  | ● |  |  |  |  | ● |
| **PTERIDACEAE** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Adiantum latifolium* Lam. | N | Amp | — |  | ● | ● |  |  |  |  | ● |  | ● |  |
| *Ceratopteris thalictroides* (L.) Brongn. | N | Amp /Eme | — |  |  |  | ● | ● | ● |  | ● |  | ● |  |
| **RUBIACEAE** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Oldenlandia corymbosa* L. | N | Amp | — |  |  | ● |  |  |  |  |  |  |  |  |
| **SALVINIACEAE** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Salvinia auriculata* Aubl. | N | FFL | — |  | ● |  |  | ● | ● |  | ● | ● | ● | ● |
| *Salvinia biloba* Raddi | N | FFL | — | ● | ● |  | ● | ● |  |  | ● | ● | ● | ● |
| **THELYPTERIDACEAE** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Christella dentata* (Forssk.) Brownsey & Jermy | N | Amp | — |  | ● |  |  |  |  |  |  |  |  |  |
| *Cyclosorus interruptus* (Willd.) H. Ito | N | Amp | — |  |  |  |  |  |  | ● |  |  |  |  |
| *Meniscium serratum* Cav. | N | Amp | — |  | ● | ● |  |  |  |  |  |  |  |  |
| **TYPHACEAE** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Typha domingensis* Pers. | N | Amp /Eme | — | ● |  |  |  | ● | ● | ● | ● | ● | ● |  |
| **XYRIDACEAE** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Xyris macrocephala* Vahl | N | Amp /Eme | — |  |  |  |  |  |  | ● |  |  |  |  |