

**Hugo-Lopez et al. ER 27\_3**  
**Online Appendices**

**Appendix 1.** List of plant families and species recorded in monitoring quadrats during restoration. Growth form is indicated as well as semester of appearance and presence throughout the monitoring. Semester 1 (March through September 2007), 2 (October 2007- March 2008), 3 (April 2008- September 2008), 4 (October 2008- March 2009), 5 (March 2009- July 2009). Species present is indicated: 1: present since the beginning and still present, 2: present at the beginning but disappeared, 3: appeared in the first year and are still present, 4: appeared in the second year and are still present, 5: appeared in the third year, 6: appeared briefly for a short period, 7: present since the beginning, disappeared and reappeared. Nineteen species have not been identified.

| <b>Plant family</b> | <b>Species</b>   | <b>Growth form</b> | <b>Semester appearance</b> | <b>Presence</b> |
|---------------------|--|--------------------|----------------------------|-----------------|
| Alismataceae        | <i>Sagittaria lancifolia</i> L. subsp. <i>media</i> (Michelin) Bogin | Emergent herb      | 1                          | 4               |
| Amaryllidaceae      | <i>Hymenocallis litoralis</i> (Jacq.) Salisb                         | Emergent herb      | 1                          | 1               |
| Annonaceae          | <i>Annona glabra</i> L.  | Tree               | 5                          | 5               |
| Apiaceae            | <i>Hydrocotyle bonariensis</i> Lam.                                  | Emergent herb      | 1                          | 1               |
| Araceae             | <i>Pistia stratiotes</i> L.  | Free floating      | 2                          | 3               |
|                     | <i>Xanthosoma robustum</i> Schott                                    | Emergent herb      | 1                          | 2               |
| Asteraceae          | <i>Eclipta prostrata</i> (L.) L.                                     | Climber            | 3                          | 4               |
|                     | <i>Eupatorium odoratum</i> L.  | Emergent herb      | 3                          | 4               |
|                     | <i>Mikania micrantha</i> Kunth                                       | Climber            | 1                          | 1               |
|                     | <i>Pluchea odorata</i> (L) Cass. in F. Cuvier                        | Shrub              | 3                          | 4               |
| Bignoniaceae        | <i>Tabebuia rosea</i> (Bertol.) DC.                                  | Tree               | 5                          | 5               |
| Bombacaceae         | <i>Pachira aquatica</i> Aubl.  | Tree               | 3                          | 4               |
| Butomaceae          | <i>Limnocharis flava</i> (L.) Buchenau                               | Emergent herb      | 4                          | 4               |
| Commelinaceae       | <i>Commelina</i> sp.   | Emergent herb      | 3                          | 4               |
| Convolvulaceae      | <i>Ipomoea tiliacea</i> (Willd.) Choisy                              | Climber            | 1                          | 1               |
| Cucurbitaceae       | <i>Melothria pendula</i> L.  | Climber            | 3                          | 4               |
| Cyperaceae          | <i>Cyperus articulatus</i> L.  | Emergent herb      | 3                          | 4               |
|                     | <i>Cyperus digitatus</i> Roxb.                                       | Emergent herb      | 2                          | 3               |
|                     | <i>Eleocharis geniculata</i> (L.) Roemer & Schultes                  | Emergent herb      | 3                          | 4               |
|                     | <i>Eleocharis mutata</i> (L.) Roem. & Schult.                        | Emergent herb      | 1                          | 2               |
|                     | <i>Fuirena simplex</i> Vahl  | Emergent herb      | 2                          | 3               |

|                  |   |   |             |             |
|------------------|---|---|-------------|-------------|
| Fabaceae         | <i>Calopogonium caeruleum</i><br>(Benth.) Hemsley   | Climber   | 3           | 4           |
|                  | <i>Centrosema pubescens</i> Benth.  | Climber   | 3           | 4           |
|                  | <i>Dalbergia brownei</i> (Jacq.)<br>Urban   | Climbing<br>shrub                               | 1           | 2           |
| Onagraceae       | <i>Ludwigia octovalvis</i> (Jacq.)<br>Raven   | Emergent<br>herb                                | 3           | 4           |
| Passifloraceae   | <i>Passiflora</i> sp.   | Climber   | 1           | 4           |
| Piperaceae       | <i>Piper</i> sp.<br><i>Piper</i> aff. <i>nudum</i> C. DC.   | Shrub<br>Shrub                                  | 2<br>3      | 4<br>6      |
| Poaceae          | <i>Echinochloa pyramidalis</i> (Lam.)<br>Hitc. & A. Chase   | Emergent<br>herb                                | 1           | 1           |
| Pontederiaceae   | <i>Pontederia sagittata</i> C. Presl  | Emergent<br>herb                                | 1           | 1           |
| Portulacaceae    | <i>Portulaca oleracea</i> L.  | Creeper   | 3           | 4           |
| Typhaceae        | <i>Typha domingensis</i> Pers.  | Emergent<br>herb                                | 1           | 1           |
| Urticaceae       | <i>Laportea mexicana</i> (Liebm.)<br>Wedd.  | Emergent<br>herb                                | 1           | 7           |
| Verbenaceae      | <i>Lippia nodiflora</i> (L.) Michaux  | Creeper   | 3           | 4           |
| Lemnaceae        | <i>Lemna</i> aff. <i>minor</i><br><i>Lemna</i> sp.<br><i>Spirodela</i> aff. <i>polyrhiza</i> (L.)<br>Schleid. | Free floating<br>Free floating<br>Free floating | 2<br>1<br>2 | 4<br>6<br>3 |
| Marantaceae      | <i>Thalia geniculata</i> L.   | Emergent<br>herb                                | 4           | 4           |
| Lentibulariaceae | <i>Utricularia</i> aff. <i>foliosa</i>  | Free floating                                   | 2           | 4           |
| Pteridaceae      | <i>Achrostichum aureum</i> L.   | Shrub   | 1           | 1           |
| Salviniaceae     | <i>Salvinia</i> aff. <i>molesta</i><br><i>Salvinia</i> sp.  | Free floating<br>Free floating                  | 2<br>2      | 4<br>6      |

**Appendix 2.** Amphibians and reptiles recorded in the wetland being restored. Presence throughout the study is shown as well as a general classification. Semester 1 (March through September 2007), 2 (October 2007- March 2008), 3 (April 2008- September 2008), 4 (October 2008- March 2009), 5 (March 2009- July 2009). S (specialist) and G (generalist) denote the species dependence on wetland habitats.

|                              | Species  | Semester |   |   |   |   | Status |
|------------------------------|--|----------|---|---|---|---|--------|
|                              |  | 1        | 2 | 3 | 4 | 5 |        |
| <b><u>Class Amphibia</u></b> |  |          |   |   |   |   |        |
| <b><u>Order Anura</u></b>    |  |          |   |   |   |   |        |
| Bufonidae                    | <i>Incilius valliceps</i> Wiegmann, 1833           | x        | x | x | x | x | G      |
|                              | <i>Rhinella marina</i> (Linnaeus, 1758)            |          |   | x |   | x | G      |
| Hylidae                      | <i>Scinax staufferi</i> (Cope, 1865)               | x        | x | x | x | x | G      |
|                              | <i>Smilisca baudini</i> (Duméril and Bibron, 1841) | x        | x | x | x | x | G      |

|                              |   |   |   |   |   |   |   |
|------------------------------|---|---|---|---|---|---|---|
|                              | <i>Trachycephalus venulosus</i> (Laurenti,1768)                 | x | x | x | x | x | G |
| Leptodactylidae              | <i>Leptodactylus melanonotus</i> (Hallowell,1861)               | x | x | x | x | x | G |
| Microhylidae                 | <i>Hypopachus variolosus</i> (Cope,1866)                        | x | x | x | x | x | G |
| Ranidae                      | <i>Lithobates berlandieri</i> Baird,1854                        | x | x | x | x | x | G |
| <b>Order Caudata</b>         |   |   |   |   |   |   |   |
| Plethodontidae               | <i>Bolitoglossa platydactyla</i> (Gray,1831)                    | x | x | x | x | x | G |
| <b><u>Class Reptilia</u></b> |   |   |   |   |   |   |   |
| <b>Order</b>                 |   |   |   |   |   |   |   |
| <b>Testudines</b>            |   |   |   |   |   |   |   |
| Chelydridae                  | <i>Chelydra rossignoni</i> Bocourt, 1868                        | x | x | x | x | x | S |
| Emydidae                     | <i>Trachemys venusta</i> (Gray, 1856)                           | x | x | x | x | x | S |
| Kinosternidae                | <i>Kinosternon herrerai</i> Stejneger, 1925                     | x | x |   |   |   | S |
|                              | <i>Kinosternon leucostomum</i> (Duméril and Bibron, 1851)       | x | x | x | x | x | S |
| Staurotypidae                | <i>Staurotypus triporcatus</i> (Wiegmann,1828)                  | x | x | x | x | x | S |
| <b>Order</b>                 |   |   |   |   |   |   |   |
| <b>Crocodylia</b>            |   |   |   |   |   |   |   |
| Crocodylidae                 | <i>Crocodylus moreleti</i> Duméril , Bibron and, Duméril ,1851  | x | x | x | x | x | S |
| <b>Order</b>                 |   |   |   |   |   |   |   |
| <b>Squamata</b>              |   |   |   |   |   |   |   |
| Boidae                       | <i>Boa constrictor</i> (Linnaeus,1758)                          |   |   |   | x |   | G |
| Colubridae                   | <i>Drymarchon melanurus</i> (Duméril, Bibron and Duméril, 1854) | x |   |   |   |   | G |
|                              | <i>Ficimia olivácea</i> Gray,1849                               | x | x |   |   |   | G |
|                              | <i>Leptodeira annulata</i> (Linnaeus,1758)                      | x | x | x | x | x | G |
|                              | <i>Leptodeira frenata</i> Cope,1886                             | x |   |   |   |   | G |
|                              | <i>Ninia sebae</i> ( Duméril, Bibron and Duméril 1854)          | x |   |   |   |   | G |
|                              | <i>Nerodia rhombifera</i> (Hallowell, 1852)                     |   |   | x |   | x | S |
|                              | <i>Thamnophis proximus</i> (Say,1823)                           |   |   | x |   | x | S |
|                              | <i>Tretanorhynchus nigroluteus</i> (Cope,1861)                  |   |   |   | x | x | S |
| Gekkonidae                   | <i>Hemidactylus mabouia</i> (Moreau de Jonnés,1861)             | x | x | x |   |   | G |
| Iguanidae                    | <i>Ctenosaura acanthura</i> (Shaw,1802)                         | x | x |   |   |   | G |
|                              | <i>Iguana iguana</i> Wiegmann,1834                              | x | x | x | x | x | G |
| Phrynosomatidae              | <i>Sceloporus variabilis</i> Wiegmann,1834                      | x | x | x | x | x | G |
| Polychrotidae                | <i>Norops sericeus</i> Hallowell,1856                           | x | x | x | x | x | G |
| Scincidae                    | <i>Scincella gemmingeri</i> (Cope,1864)                         | x |   |   |   |   | G |
| Teiidae                      | <i>Ameiva undulata</i> Wiegmann,1834                            | x |   | x | x |   | G |
|                              | <i>Aspidoscelis deppii</i> Wiegmann,1834                        | x |   |   |   |   | G |
|                              | <i>Aspidoscelis guttata</i> Wiegmann,1834                       | x | x | x | x | x | G |