**Anexos**

**Tabla 1 -**Lista de la fauna ictiológica de la región del “Floresta dos Guarás”(UFMA, 2001).

**Nombre Científico** **Nombre Común**

**Clase Elasmobranchii**

 **Orden Carcharhiniformes**

 **Familia Carcharhinidae**

 *Carcharhinus porosus* (Ranzani, 1840) Junteiro

 *Carcharhinus limbatus* (Müller & Henle, 1839) Sacuri de galha preta

 *Carcharhinus leucas* (Müller & Henle, 1839) Boca redonda

 *Carcharhinus obscurus* (Lesueur, 1818) Lombo preto

 *Galeocerdo cuvier* (Péron & Lesueur, 1822) Jaguara

 *Rhizoprionodon porosus* (Poey, 1861) Figuinho

 *Rhizoprionodon lalandei* (Müller & Henle, 1839) Figuinho

 *Isogomphodon oxyrhynchus* (Müller & Henle, 1839) Quati

##  Familia Sphyrnidae

 *Sphyrna tiburo* (Linnaeus, 1758) Cornudo, Rudela

 *Sphyrna lewini* (Griffith & Smith, 1834) Rudela, Panã branco

 *Sphyrna tudes* (Valenciennes, 1822) Panã amarelo

 **Orden Rajiformes**

 **Familia Dasyatidae**

 *Dasyatis geijskesi* Boeseman, 1948 Arraia morcego

 *Dasyatis guttata* (Bloch & Schneider, 1801) Arraia bicuda

##  Familia Myliobatidae

 *Aetobatus narinari* (Euphrasen, 1790) Arraia pintada

 *Rhinoptera bonasus* (Mitchill, 1815) Arraia jaburana

##  Familia Gymnuridae

 *Gymnura micrura* (Bloch & Schneider, 1801) Arraia baté

**Clase Actinopterygii**

 **Orden Elopiformes**

 **Familia Elopidae**

 *Elops saurus* Linnaeus, 1766 Urubarana

##  Familia Megalopidae

 *Megalops atlanticus* Valenciennes, 1847 Camurupim, Pirapema

 **Orden Anguilliformes**

 **Familia Muraenidae**

 *Lycodontis funebris* Ranzani, 1840 Moréia

##  Familia Ophichthidae

 *Ophichthus cylindroideus* (Ranzani, 1840)

 **Orden Clupeiformes**

 **Familia Engraulidae**

 *Lycengraulis grossidens* (Agassiz, 1829)

 *Pterengraulis atherinoides* (Linnaeus, 1766)

 *Anchovia clupeoides* (Swainson, 1839) Sardinha gulelê

 *Anchoa spinifer* (Valenciennes, 1848) Sardinha vermelha

 *Cetengraulis edentulus* (Cuvier, 1829) Sardinha verdadeira

##  Familia Clupeidae

 *Pellona flavipinnis* (Valenciennes, 1836) Sardinha dourada

 *Pellona castelnaeana* Valenciennes, 1847

 *Opisthonema oglinum* (Lesuer, 1818) Sardinha peu

 *Rhinosardina amazonica* (Steindachner, 1880) Sardinha de serra

 **Orden Characiformes**

 **Familia Characidae**

 *Pygocentrus natterei* Kner, 1858 Piranha caju

 **Orden Siluriformes**

 **Familia Loricariidae**

 *Hypostomus* cf. *verres* Valenciennes, 1840 Acari bodó

##  Familia Callichthyidae

 *Callichthys callichthys* (Linnaeus, 1758) Cascudo

##  Familia Auchenipteridae

 *Pseudauchenipterus nodosus* (Bloch, 1794) Papista

##  Familia Ageneiosidae

 *Ageneiosus* sp Mandubé

##  Familia Ariidae

 *Arius bonillai* (Miles, 1945) Uriacica

 *Arius couma* (Valenciennes, 1840) Bagre catinga

 *Arius grandicassis* Valenciennes, 1840 Cambéua

 *Arius herzbergii* (Bloch, 1794) Bagre guribu

 *Arius parkeri* (Traill, 1832) Gurijuba

 *Arius proops* (Valenciennes, 1840) Uritinga

 *Arius quadriscutis* Valenciennes, 1840 Cangatã

 *Arius rugispinis* Valenciennes, 1840 Jurupiranga

 *Bagre bagre* (Linaeus, 1766) Bagre bandeirado

 *Cathorops spixii* (Agassiz, 1829) Bagrinho

##  Familia Aspredinidae

 *Aspredinichthys tibicen* (Temminck, 1840) Viola

 *Aspredo aspredo* (Linnaeus, 1758) Viola

 **Orden Aulopiformes**

 **Familia Synodontidae**

 *Synodus foetens* (Linnaeus, 1766) Jacaré

 **Orden Batrachoidiformes**

 **Familia Batrachoididae**

 *Batrachoides surinamensis* (Bloch & Schneider, 1801) Pacamão

 *Thalassophryne nattereri* Steindachner, 1876 Niquim

 **Orden Lophiiformes**

 **Familia Ogcocephalidae**

 *Ogcocephalus vespertilio* (Linnaeus, 1758) Bacacuá

 **Orden Mugiliformes**

 **Familia Mugilidae**

 *Mugil curema* Valenciennes, 1836 Tainha sajuba

 *Mugil incilis* Hancock, 1830 Tainha urixoca

 *Mugil gaimardianus* Desmarest, 1831 Tainha pitiu

 *Mugil trichodon* Poey, 1875 Tainha

 **Orden Atheriniformes**

 **Familia Belonidae**

 *Strongylura marina* (Walbaum, 1792) Peixe agulha

 *Strongylura timucu* (Walbaum, 1792)

 **Orden Cyprinodontiformes**

 **Familia Anablepidae**

 *Anableps anableps* (Linnaeus, 1758) Tralhoto

 **Orden Scorpaeniformes**

 **Familia Scorpaenidae**

 *Scorpaena plumieri* Bloch, 1789 Mangangá

 **Orden Perciformes**

 **Familia Centropomidae**

 *Centropomus parallelus* Poey, 1860 Camurim branco

 *Centropomus undecimalis* (Bloch, 1792) Camurim preto

 **Familia Serranidae**

 *Diplectrum radiale* (Quoy & Gaimard, 1824) Papa terra

 *Epinephelus itajara* (Lichtenstein, 1822) Mero

 *Epinephelus morio* (Valenciennes, 1828) Garoupa

 *Mycteroperca bonaci* (Poey, 1860) Sirigado

 *Rypticus randalli* Courtenay, 1967 Peixe sabão

##  Familia Rachycentridae

 *Rachycentron canadum* (Linnaeus, 1766) Beijupirá

##  Familia Carangidae

 *Caranx crysos* (Mitchill, 1815) Xaréu branco

 *Caranx hippos* (Linnaeus, 1766) Xaréu

 *Caranx latus* Agassiz, 1831 Xaréu

 *Chloroscombrus chrysurus* (Linnaeus, 1766) Arriba saia

 *Hemicaranx amblyrhynchus* (Cuvier, 1833) Xixarro

 *Oligoplites palometa* (Cuvier, 1832) Tibiro amarelo

 *Oligoplites saurus* (Bloch & Schneider, 1801) Tibiro

 *Selene vomer* (Linnaeus, 1758) Peixe galo

 *Trachinotus carolinus* (Linnaeus, 1766) Pampo

 *Trachinotus falcatus* (Linnaeus, 1758) Pampo

##  Familia Lutjanidae

 *Lutjanus analis* (Cuvier, 1828) Cioba

 *Lutjanus jocu* (Bloch & Schneider, 1801) Carapitinga, Carapitanga

 *Lutjanus purpureus* Poey, 1876 Pargo

 *Lutjanus synagris* (Linnaeus, 1758) Carapitanga

 *Ocyurus chrysurus* (Bloch, 1791) Guaiúba

##  Familia Lobotidae

 *Lobotes surinamensis* (Bloch, 1790) Crauaçu

##  Familia Gerreidae

 *Diapterus auratus* Ranzani, 1842 Peixe prata

 *Diapterus rhombeus* (Cuvier, 1829) Peixe prata

 *Eucinostomus argenteus* (Baird & Girard, 1855) Escrivão

 *Eucinostomus gula* (Quoy & Gaimard, 1824) Escrivão

 *Eucinostomus melanopterus* (Bleeker, 1863) Escrivão

 *Eugerres brasilianus* (Cuvier, 1830) Carapitanga

##  Familia Haemulidae

 *Pomadasys corvinaeformis* (Steindachner, 1868) Jiquiri branco

 *Conodon nobilis* (Linnaeus, 1758) Jiquiri amarelo

 *Genyatremus luteus* (Bloch, 1795) Peixe pedra

 *Orthopristis ruber* (Cuvier, 1830) Cororoca

##  Familia Sparidae

 *Archosargus probatocephalus* (Walbaum, 1792) Sargo

##  Familia Sciaenidae

 *Bairdiella ronchus* (Cuvier, 1830) Cororoca

 *Cynoscion acoupa* (Lacepede, 1802) Pescada vermelha

 *Cynoscion leiarchus* (Cuvier, 1830) Corvina tinga

 *Cynoscion microlepidotus* (Cuvier, 1830) Corvina açu

 *Cynoscion steindachneri* (Jordan, 1888) Juruapara

 *Isopisthus parvipinnis* (Cuvier, 1830) Curvitinga

 *Macrodon ancylodon* (Bloch & Schneider, 1801) Pescada gó

 *Menticirrhus americanus* (Linnaeus, 1758) Boca de rato

 *Micropogonias furnieri* (Desmarest, 1823) Cururuca

 *Nebris microps* Cuvier, 1830 Amor sem olho

 *Sciaena* sp.

 *Stellifer brasiliensis* (Schultz, 1945) Cabeçudo

 *Stellifer naso* (Jordan, 1889) Cabeçudo preto

 *Stellifer* *rastrifer* (Jordan, 1889) Cabeçudo vermelho

 *Stellifer stellifer* (Bloch, 1790) Cabeçudo vermelho

##  Familia Ephippidae

 *Chaetodipterus faber* (Broussonet, 1782) Paru

##  Familia Polynemidae

 *Polydactylus oligodon* (Gunther, 1860) Barbudo

 *Polydactylus virginicus* (Linnaeus, 1758) Barbudo

##  Familia Eleotridae

 *Guavina guavina* (Valenciennes, 1837) Muré

##  Familia Gobiidae

 *Gobioides* sp

##  Familia Trichiuridae

 *Trichiurus lepturus* Linnaeus, 1758 Guaravira

 **Familia Scombridae**

 *Scomberomorus brasiliensis* Collette, Serra

 Russo & Zavala-Camin, 1978

 *Scomberomorus cavalla* (Cuvier, 1829) Cavala

 *Scomberomorus regalis* (Bloch, 1793) Serra

 *Sarda sarda* (Bloch, 1793) Bonito

##  Familia Stromateidae

 *Peprilus paru* (Linnaeus, 1758) Canguiro

##  Familia Pomatomidae

 *Pomatomus saltator* (Linnaeus, 1766) Enchova

##  Familia Echeneidae

 *Echeneis naucrates* Linnaeus, 1758 Rêmora

 **Orden Pleuronectiformes**

 **Familia Achiridae**

 *Achirus lineatus* (Linnaeus, 1758)

 *Achirus achirus* (Linnaeus, 1758) Solha verdadeira

 *Trinectes* aff *paulistanus* (Miranda-Ribeiro, 1915) Solha verdadeira

##  Familia Cynoglossidae

 *Symphurus* cf. *diomedeanus* (Goode & Bean, 1885)

 *Symphurus plagusia* (Bloch & Schneider, 1801) Linguado

##  Familia Paralichthyidae

 *Citharichthys spilopterus* Günther, 1862 Solha urumaçara

 *Etropus crossotus* Jordan & Gilbert, 1882 Solha urumaçara

 *Paralichthys* sp Linguado

 **Orden Tetraodontiformes**

 **Familia Balistidae**

 *Balistes vetula* Linnaeus, 1758 Cangulo

##  Familia Monacanthidae

 *Alutera monoceros* (Linnaeus, 1758) Cangulo

##  Familia Tetraodontidae

 *Colomesus psittacus* (Bloch & Schneider, 1801) Baiacu açu

 *Lagocephalus laevigatus* (Linnaeus, 1758) Baiacu guará

 *Sphoeroides greeleyi* (Gilbert, 1900) Baiacu areia

 *Sphoeroides testudineus* (Linnaeus, 1758) Baiacu pininga

##  Familia Diodontidae

 *Chilomycterus antillarum* Jordan & Rutter, 1897 Baiacu de espinho

**Tabla 2** - Lista de especies vegetales del “ Floresta dos Guarás” (UFMA, 2001).

| **Familia** | *Nombre científico* | **Nombre común** | **Ambiente** |
| --- | --- | --- | --- |
|  |  |  |  |
| Anacardiaceae | *Anacardium occidentale L.* | Caju | Restinga |
|  | *Mangifera indica* | Mangueira | Área antropizada |
|  | *Spondias lutea* | Cajá | Mata ciliar |
|  | *Spondias sp* | Cajazinho | Mata ciliar |
|  |  |  |  |
| Annonaceae | *Annona sp* | Bruto | Capoeira |
|  | *Duguetia echinophora R.E.Fries* | Ameijú | Capoeira |
|  | *Guateria amazonica* | Envira branca | Capoeira |
|  | *Guateria poeppigiana* | Envira preta | Capoeira |
|  |  |  |  |
| Apocynaceae | *Himatanthus articulatus* | Janaúba | Capoeira |
|  |  |  |  |
| Arecaceae | *Acrocomia aculeata* | Macaúba | Capoeira |
|  | *Astrocaryum sp* | Marajá | Capoeira |
|  | *Astrocaryum vulgare* | Tucum | Capoeira |
|  | *Desmoncus aereus Dr.* | Titarra | Capoeira |
|  | *Euterpe oleracea Mart.* | Açaí | Mata ciliar |
|  | *Mauritia flexuosa* | Buriti | Mata ciliar |
|  | *Maximiliana maripa (Correa) Drude* | Anajá | Capoeira |
|  | *Orbignya speciosa (Mart.) Barb. Rodr.* | Babaçu | Capoeira |
|  | *Syagrus sp* | Ariri | Capoeira |
|  |  |  |  |
| Avicenniaceae | *Avicennia germinans* | Siriba | Manguezal |
|  |  |  |  |
| Bataceae | *Batis marítima* |  | Apicum |
|  |  |  |  |
| Bignoniaceae | *Tabebuia impetiginosa (Mart.) Standl.* | Ipê roxo | Capoeira |
|  | *Tabebuia serratifolia* (Vahl.) Nicholson | Ipê amarelo | Capoeira |
|  |  |  |  |
| Bombacaceae | *Pachira aquatica* |  | Mata ciliar |
|  |  |  |  |
| Cecropiaceae | *Cecropia palmata Willd.* | Embaúba | Capoeira |
|  |  |  |  |
| Chrysobalanaceae | *Chrysobalanus icacco* | Guajiru | Restinga |
|  | *Hirtella racemosa* |  | Capoeira |
|  |  |  |  |
| Clusiaceae | *Clusia insignis M.* | Ceboleira | Áreas baixas |
|  | *Platonia insignis Mart.* | Bacuri | Capoeira |
|  | *Symphonia globulifera L.* | Guanandi | Mata ciliar |
|  | *Vismia guinensis Pers.* | Lacre | Capoeira |
|  |  |  |  |
| Cochlospermaceae | *Cochlospermum regium* | Algodão do mato | Capoeira |
|  |  |  |  |
| Combretaceae | *Conocarpus erectus* | Mangue de botão | Manguezal |
|  | *Laguncularia racemosa* | Mangue branco | Manguezal |
|  |  |  |  |
| Convolvulaceae | *Ipomoea sp* |  | Campos alagados |
|  |  |  |  |
| Cyperaceae | *Scirpus* sp | Junco | Campos alagados |
| Euphorbiaceae | *Hyeronima alchorneoides Fr. All.* | Uricurana | Campos alagados |
|  |  |  |  |
| Humiriaceae | *Humiria balsamifera St.-Hill.* | Uriri | Campos alagados |
|  |  |  |  |
| Lecythidaceae | *Gustavia augusta* |  | Capoeira |
|  |  |  |  |
| Leg.-Caes. | *Bauhinia angulat* | Capa-bode | Capoeira |
|  | *Bauhinia spendens HBK* | Cipó Escada de jabota | Capoeira |
|  | *Cassia reticulata Willd.* | Mata pasto | Campos alagados |
|  | *Cassia rotundifolia* | Vassoura amarela | Restinga |
|  | *Cenostigma tocantinum Ducke* | Caneleiro | Capoeira |
|  | *Dialium guinense (Aublet) Sandw.* | Paparaúba | Capoeira |
|  | *Hymenaea courbaril L.* | Jatobá | Capoeira |
|  | *Hymenaea parvifolia Hub.* | Jutaí | Capoeira |
|  |  |  |  |
| Leg.-Mim. | *Enterolobium contortisiliquum* | Orelha de macaco | Capoeira |
|  | *Inga sp* | Ingá | Capoeira |
|  | *Parkia sp* | Faveira | Capoeira |
|  | *Stryphnodendron barbatiman M.* | Barbatimão | Capoeira |
|  |  |  |  |
| Leg.-Pap. | *Andira fraxinifolia Bth.* | Angelim | Capoeira |
|  | *Bowdichia virgilioides HBK.* | Sucupira | Capoeira |
|  |  |  |  |
| Rhizophoraceae | *Rhizophora mangle* | Mangue vermelho | Manguezal |
|  |  |  |  |
| Malpighiaceae | *Byrsonima crassifolia HBK.* | Murici | Restinga, Capoeira |
|  |  |  |  |
| Melastomataceae | *Miconia sp* |  | Capoeira |
|  |  |  |  |
| Musaceae | *Musa sp* | Bananeira | Área antropizada |
|  |  |  |  |
| Myrtaceae | *Myrcia sp* | Maria-pretinha | Capoeira |
|  | *Eugenia biflora* | Goiabinha | Capoeira |
|  |  |  |  |
| Pontederiaceae | *Eicchornia sp* | Aguapé | Campos alagados |
|  |  |  |  |
| Rubiaceae | *Borreria sp* | Vassoura de botão | Restinga |
|  | *Genipa americana L.* | Genipapo | Capoeira |
|  |  |  |  |
| Sapotaceae | *Sideroxylon obtusifolium (Roem & Schult.) Penn.* | Mirim | Mata ciliar |
|  |  |  |  |
| Solanaceae | *Solanum sp* | Jurubeba | Capoeira |
|  |  |  |  |
| Sterculiaceae | *Guazuma ulmifolia* |  | Capoeira |
|  | *Sterculia striata St.-Hill et Naud* | Axixá | Capoeira |
|  | *Theobroma speciosum* | Cacau | Áreas antropizadas |
|  |  |  |  |
| Tiliaceae | *Apeiba albiflora* | Pente de macaco | Capoeira |
|  |  |  |  |
| Verbenaceae | *Vitex schomburgkiana* | Veludo | Mata de cabeceira |