

## Annex 11. List of mangrove-associated species according to the Project Document with two bony fish additions

Order	Family	Genus	Species	Common name (Port)	Mangrove associated	Estuary specialist	Migratory	Conservation status PRODOC (2008)	Conservation status 2004 <sup>1</sup>	Conservation status 2014 <sup>2</sup>	Conservation status (IUCN)
Decapoda	Ucidae	Ucides	<i>cordatus</i>	Caranguejo-uçá	1	1	0	Overexploited	1	0	0
Decapoda	Atyidae	<i>Atya</i>	<i>scabra</i>	Coruca	0	0	0	VU	1	0	LC (2013)
Decapoda	Chthamalidae	Microeuraphia	<i>rhizophorae</i>	ND	1	1	0	0	0	0	0
Decapoda	Gecarcinidae	Cardisoma	<i>guanhumi</i>	Guaiamum,	1	1	0	Overexploited	1	CR	0
Decapoda	Grapsidae	Goniopsis	<i>cruentata</i>	ND	1	1	0	0	0	0	0
Decapoda	Kalliapseudidae	Kalliapseudes	<i>schubartii</i>	ND	1	1	0	0	0	0	0
Decapoda	Merguiidae	Merguia	<i>rhizophorae</i>	ND	1	1	0	0	0	0	0
Decapoda	Ocypodidae	Uca	<i>burguesi</i>	catanhão-tesoura	1	1	0	0	0	0	0
Decapoda	Ocypodidae	Uca	<i>cumulanta</i>	catanhão-tesoura	1	1	0	0	0	0	0
Decapoda	Ocypodidae	Uca	<i>leptodactyla</i>	catanhão-tesoura	1	1	0	0	0	0	0
Decapoda	Ocypodidae	Uca	<i>maracoani</i>	catanhão-tesoura	1	1	0	0	0	0	0
Decapoda	Ocypodidae	Uca	<i>mordax</i>	catanhão-tesoura	1	1	0	0	0	0	0
Decapoda	Ocypodidae	Uca	<i>olympioi</i>	catanhão-tesoura	1	1	0	0	0	0	0
Decapoda	Ocypodidae	Uca	<i>victoriae</i>	catanhão-tesoura	1	1	0	0	0	0	0
Decapoda	Ocypodidae	Uca	<i>rapax</i>	catanhão-tesoura	1	1	0	0	0	0	0
Decapoda	Ocypodidae	Uca	<i>thayeri</i>	catanhão-tesoura	1	1	0	0	0	0	0

<sup>1</sup> Instrução normativa nº5, 21/05/04 and Instrução normativa nº3, 26/05/03

<sup>2</sup> Portaria nº445, 17/12/2014 and Portaria nº 444/2014 Fauna Ameaçada

Order	Family	Genus	Species	Common name (Port)	Mangrove associated	Estuary specialist	Migratory	Conservation status PRODOC (2008)	Conservation status 2004 <sup>3</sup>	Conservation status 2014 <sup>4</sup>	Conservation status (IUCN)
Decapoda	Ocypodidae	Uca	<i>uruguayensis</i>	catanhão-tesoura	0	1	0	0	0	0	0
Decapoda	Ocypodidae	Uca	<i>vocator</i>	catanhão-tesoura	1	1	0	0	0	0	0
Decapoda	Palaemonidae	Macrobrachium	<i>carcinus</i>	Pitu, lagosta-de-água-doce	0	1	0	VU	1	0	LC (2013)
Decapoda	Palaemonidae	Macrobrachium	<i>heterochirus</i>	Pitu, lagosta-de-água-doce	0	yes	0	DD	0	0	LC (2013)
Decapoda	Penaeidae	Farfantepenaeus	<i>brasiliensis</i>	Camarão-rosa	0	yes	0	Overexploited	1	0	0
Decapoda	Penaeidae	Penaeus	<i>notialis</i>	ND	0	1	0	0	0	0	0
Decapoda	Penaeidae	Farfantepenaeus	<i>paulensis</i>	Camarão-rosa	0	1	0	Overexploited	1	0	0
Decapoda	Penaeidae	Litopenaeus	<i>schmitti</i>	Camarão-branco	0	1	0	Overexploited	1	0	0
Decapoda	Penaeidae	Xiphopenaeus	<i>kroyeri</i>	Camarão-sete-barbas	0	1	0	Overexploited	1	0	0
Decapoda	Porcellanidae	Minyocerus	<i>angustus</i>	ND	0	1	0	VU	1	0	0
Decapoda	Portunidae	Callinectes	<i>sapidus</i>	Siri-azul	0	1	0	Overexploited	1	0	0
Decapoda	Sesarmidae	<i>Aratus</i>	<i>psonii</i>	Aratu	1	1	0	0	0	0	0
Decapoda	Sesarmidae	<i>Metasesarma</i>	<i>rubripes</i>	ND	1	1	0	0	0	0	0
Decapoda	Sesarmidae	Sesarma	<i>augustipes</i>	Aratu	1	1	0	0	0	0	0
Decapoda	Sesarmidae	Sesarma	<i>crassipes</i>	Aratu	1	1	0	0	0	0	0
Decapoda	Sesarmidae	Sesarma	<i>rectum</i>	Aratu	1	1	0	0	0	0	0
Sessilia	Varunidae	Neohelice	<i>granulata</i>	Catanhão	1	1	0	0	0	0	0
Tanaidacea	Xanthoidea	Eurytium	<i>limosum</i>	ND	1	1	0	0	0	0	0
Venerida	Veneridae	<i>Anomalocardia</i>	<i>brasiliiana</i>	Sarnambi	1	1	0	DD	0	0	0
Ostreida	Ostreidae	<i>Crassostrea</i>	<i>brasiliiana</i>	Ostra	1	1	0	0	0	0	0
Ostreida	Ostreidae	<i>Magallana (Crassostrea)</i>	<i>gigas</i>	Ostra-gigante	1	1	0	0	0	0	0

<sup>3</sup> Instrução normativa nº5, 21/05/04 and Instrução normativa nº3, 26/05/03

<sup>4</sup> Portaria nº445, 17/12/2014 and Portaria nº 444/2014 Fauna Ameaçada

Order	Family	Genus	Species	Common name (Port)	Mangrove associated	Estuary specialist	Migratory	Conservation status PRODOC (2008)	Conservation status 2004 <sup>5</sup>	Conservation status 2014 <sup>6</sup>	Conservation status (IUCN)
Eupulmonata	Ellobiidae	<i>Melampus</i>	<i>coffeus</i>	ND	1	1	0	DD	0	0	0
Mytilida	Mytilidae	<i>Mitylus</i>	<i>edulis</i>	Mexilhão	0	1	0	0	0	0	0
Mytilida	Mytilidae	<i>Mytella</i>	<i>charruana (falcata)</i>	Sururu	1	1	0	0	0	0	0
Mytilida	Mytilidae	<i>Mytella</i>	<i>guyanensis</i>	ND	1	1	0	DD	0	0	0
Myida	Teredinidae	<i>Neoteredo</i>	<i>reynei</i>	Turu	1	1	0	0	0	0	0
Ostreida	Ostreidae	<i>Crassostrea</i>	<i>rhizophorae</i>	Ostra	1	1	0	DD	0	0	0
Myida	Teredinidae	<i>Psiloteredo</i>	<i>healdi</i>	ND	1	1	0	0	0	0	0
Cardiida	Solecurtidae	<i>Tagelus</i>	<i>gibbus</i>	ND	1	1	0	0	0	0	0
Cardiida	Solecurtidae	<i>Tagelus</i>	<i>plebeius</i>	ND	1	1	0	0	0	0	0
Rhinopristiformes	Pristidae	<i>Pristis</i>	<i>pristis (perotteti)</i>	Peixe-serra	0	1	1	CR	1	CR	CR (2013)
Rhinopristiformes	Rhinobatidae	<i>Pseudobatus</i>	<i>horkellii</i>	Raia-viola	0	0	0	Overexploited	1	CR	CR (2000, 2007, 2015)
Testudines	Cheloniidae	<i>Caretta</i>	<i>Caretta caretta</i>	Tartaruga-cabeçuda	0	0	1	VU	1	EN	VU
Testudines	Cheloniidae	<i>Chelonia</i>	<i>mydas</i>	Tartaruga-verde, aruanã	0	0	1	VU	1	VU	EN
Testudines	Cheloniidae	<i>Dermochelys</i>	<i>coriacea</i>	Tartaruga-de-couro	0	0	1	CR	1	CR	VU
Testudines	Cheloniidae	<i>Eretmochelys</i>	<i>imbricata</i>	Tartaruga-de-pente	0	0	1	EN	1	CR	CR
Testudines	Cheloniidae	<i>Lepidochelys</i>	<i>olivacea</i>	Tartaruga-oliva	0	0	1	VU	1	EN	VU
Crocodylia	Alligatoridae	<i>Caiman</i>	<i>latirostris</i>	ND	0	0	0	Locally threatened (VII) <sup>7</sup>	0	0	LC
Charadriiformes	Scolopacidae	<i>Actitis</i>	<i>macularius</i>	Spotted Sandpiper	0	1	1		0	0	LC
Psittaciformes	Psittacidae	<i>Amazona</i>	<i>brasiliensis</i>	Papagaio-da-cara-roxa	0	0	0	VU	1	0	VU (2004-16), NT (2017)
Anseriformes	Anatidae	<i>Anas</i>	<i>bahamensis</i>	White-cheeked Pintail	0	1	0	Locally threatened (VII)	0	0	LC

<sup>5</sup> Instrução normativa nº5, 21/05/04 and Instrução normativa nº3, 26/05/03

<sup>6</sup> Portaria nº445, 17/12/2014 and Portaria nº 444/2014 Fauna Ameaçada

<sup>7</sup> (VII) refers to the VIII mangrove units identified in Brazil. Unit VII roughly correspond to São Paulo

Order	Family	Genus	Species	Common name (Port)	Mangrove associated	Estuary specialist	Migratory	Conservation status PRODOC (2008)	Conservation status 2004 <sup>8</sup>	Conservation status 2014 <sup>9</sup>	Conservation status (IUCN)
Gruiformes	Rallidae	Aramides	<i>cajanea</i>	Grey-necked Wood-rail	1	1	0	0	0	0	LC
Gruiformes	Rallidae	Aramides	<i>mangle</i>	Little Wood-rail	0	1	0	0	0	0	LC
Charadriiformes	Scolopacidae	Arenaria	<i>interpres</i>	Ruddy Turnstone	0	1	1	0	0	0	LC
Accipitriformes	Accipitridae	Buteogallus	<i>aequinoctialis</i>	Rufous Crab-hawk	1	1	0	Locally threatened (VII)	0	0	LC
Charadriiformes	Scolopacidae	Calidris	<i>alba</i>	Maçarico	0	1	1	0	0	0	LC
Charadriiformes	Scolopacidae	Calidris	<i>pusilla</i>	Maçarico-rasteirinho	0	1	1	0	0	EN	LC
Charadriiformes	Scolopacidae	Calidris	<i>minutilla</i>	Maçarico	0	1	1	0	0	0	LC
Charadriiformes	Scolopacidae	Calidris	<i>fuscicollis</i>	Maçarico	0	1	1	0	0	0	LC
Charadriiformes	Scolopacidae	Calidris	<i>canutus</i>	Maçarico-de-papo-vermelho	0	1	1	0	0	CR	LC
Charadriiformes	Scolopacidae	Calidris	<i>bairdii</i>	Maçarico	0	1	1	0	0	0	LC
Charadriiformes	Scolopacidae	Calidris	<i>melanotus</i>	Maçarico	0	1	1	0	0	0	LC
Charadriiformes	Scolopacidae	Calidris	<i>himantopus</i>	Maçarico	0	1	1	0	0	0	LC
Charadriiformes	Scolopacidae	Calidris	<i>melanocephalus</i>	Maçarico	0	0	0	VU	0	0	LC
Charadriiformes	Charadriidae	Charadrius	<i>collaris</i>	Collared Plover	0	0	1	0	0	LC	LC
Charadriiformes	Charadriidae	Charadrius	<i>semipalmatus</i>	Semipalmated Plover	0	1	1	0	0	0	LC
Charadriiformes	Charadriidae	Charadrius	<i>wilsonia</i>	Wilson's Plover	1	1	0	0	0	0	LC
Charadriiformes	Charadriidae	Charadrius	<i>melodus</i>	Piping Plover	0	1	1	IUCN - NT	0	0	VU (2004) NT (2005-2012)
Passeriformes	Thraupidae	Conirostrum	<i>bicolor</i>	Bicolored Conebill	1	1	0	0	0	0	LC (2004-09), NT (2012)
Pelecaniformes	Threskiornithidae	Eudocimus	<i>ruber</i>	Guará	0	1	0	Locally threatened (VII)	0	0	LC
Charadriiformes	Laridae	Gelochelidon	<i>nilotica</i>	Common Gull-billed Tern	0	1	1	DD	0	0	LC

<sup>8</sup> Instrução normativa nº5, 21/05/04 and Instrução normativa nº3, 26/05/03

<sup>9</sup> Portaria nº445, 17/12/2014 and Portaria nº 444/2014 Fauna Ameaçada

Order	Family	Genus	Species	Common name (Port)	Mangrove associated	Estuary specialist	Migratory	Conservation status PRODOC (2008)	Conservation status 2004 <sup>10</sup>	Conservation status 2014 <sup>11</sup>	Conservation status (IUCN)
Charadriiformes	Scolopacidae	Limnodromus	<i>griseus</i>	Short-billed Dowitcher	0	1	1	0	0	0	LC
Charadriiformes	Scolopacidae	Limosa	<i>haemastica</i>	Hudsonian Godwit	0	1	1	0	0	0	LC
Charadriiformes	Scolopacidae	Limosa	<i>fedoa</i>	Marbled Godwit	0	1	1	0	0	0	LC
Anseriformes	Anatidae	Netta	<i>erythrophthalma</i>	Southern Pochard	0	0	0	Locally threatened (VII)	0	0	LC
Charadriiformes	Scolopacidae	Numenius	<i>phaeopus</i>	Whimbrel	0	1	1	0	0	0	LC
Pelecaniformes	Ardeidae	Nyctanassa	<i>violacea</i>	Yellow-crowned Night-heron	1	1	0	0	0	0	LC
Accipitriformes	Accipitridae	Parabuteo	<i>unicinctus</i>	Harris's Hawk	0	0	0	Locally threatened (SP)	0	0	LC
Accipitriformes	Pandionidae	Pandion	<i>haliaetus</i>	Osprey	0	1	1	0	0	0	LC
Phoenicopteriformes	Phoenicopteridae	Phoenicopus	<i>ruber</i>	American Flamingo	0	0	0	DD	0	0	LC
Passeriformes	Tyrannidae	Phylloscartes	<i>kronei</i>	Maria-da-restinga	0	0	0	VU	1	0	VU (2013)
Charadriiformes	Charadriidae	Pluvialis	<i>dominica</i>	American Golden Plover	0	1	1	0	0	0	LC
Charadriiformes	Charadriidae	Pluvialis	<i>Pluvialis squatarola</i>	Grey plover	0	1	1	0	0	0	LC
Gruiformes	Rallidae	Rallus	<i>longirostris</i>	Mangrove Rail	1	1	0	0	0	0	LC
Charadriiformes	Laridae	Sterna	<i>hirundinacea</i>	Trinta-réis-de-bico-vermelho	0	1	0	Locally threatened (VII)	0	VU	LC
Charadriiformes	Laridae	Sterna	<i>dougallii</i>	Trinta-réis-róseo	0	1	1	DD	0	VU	LC
Charadriiformes	Laridae	Thalasseus	<i>sandvicensis</i>	Trinta-réis	0	1	0	Locally threatened (VII)	0	0	LC
Primates	Atelidae	Alouatta	<i>belzebul</i>	Guariba-de-mãos-ruivas	0	0	0	0	1	VU	VU (2008)
Sirenia	Trichetidae	Trichetus	<i>manatus</i>	Peixe-boi marinho	0	1	0	0	1	EN	VU (2008)

<sup>10</sup> Instrução normativa nº5, 21/05/04 and Instrução normativa nº3, 26/05/03

<sup>11</sup> Portaria nº445, 17/12/2014 and Portaria nº 444/2014 Fauna Ameaçada