



MARINE MEGAFUNA FOUNDATION

Threatened Marine Megafauna within the Bazaruto Archipelago National Park



A total of 14 threatened marine species are present within the Bazaruto Archipelago National Park (BANP). Of these species, one is listed as critically endangered, two as endangered and eleven as vulnerable to extinction. Additionally eight other marine megafauna species, which are currently listed as data deficient (I.U.C.N., 2015) but may soon be updated with a threatened status, reside within the BANP. Despite these 14 species being globally recognized as threatened by the International Union for Conservation of Nature, only six are protected under Mozambican legislation. Below, further details are provided on each of these species vulnerability and protective status.

Marine Megafauna Association Tofo Beach, Inhambane, Mozambique

MMF is a tax-exempt non-profit charitable organization under section 501(c)(3) of the US tax code (Tax ID #46-0645082).



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CRITICALLY ENDANGERED SPECIES

Hawksbill Turtle; *Eretmochelys imbricata*

I.U.C.N. Redlist Status- **Critically Endangered**

C.M.S. - Appendix I (1985); Appendix II (1979)

C.I.T.E.S. - Appendix I (1978)

Mozambican Legislative Status - Protected (Recreational and Sports Fishing Regulation; General Regulation of Maritime Fishing; Marine and Coastal Environment Regulation; Forests and Wildlife Regulation)

Critical Threats In The Region: Poaching, Nesting Habitat Loss, Nesting Habitat Disruption, Pollution, Bycatch

ENDANGERED SPECIES

Green Turtle; *Chelonia mydas*

I.U.C.N. Redlist Status- **Endangered**

C.M.S. - Appendix I (1979), Appendix II (1979)

C.I.T.E.S. - Appendix I (1981)

Mozambican Legislative Status - Protected (Recreational and Sports Fishing Regulation; General Regulation of Maritime Fishing; Marine and Coastal Environment Regulation; Forests and Wildlife Regulation)

Critical Threats In The Region: Poaching, Nesting Habitat Loss, Nesting Habitat Disruption, Pollution, Bycatch

Scalloped Hammerhead Shark; *Sphyrna lewini*

I.U.C.N. Redlist Status- **Endangered**

C.M.S. - Appendix II (2014)

C.I.T.E.S. – Appendix II (2013), Appendix III (2012-2013)

Mozambican Legislative Status - Not Protected

Critical Threats In The Region: Overfishing, Bycatch

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VULNERABLE SPECIES

Leatherback Turtle; *Dermochelys coriacea*

I.U.C.N. Redlist Status- **Vulnerable; Critically Endangered** (so. Indian Ocean)
C.M.S. - Appendix I (1979), Appendix II (1979)
C.I.T.E.S. - Appendix I (1995), Appendix II (1977)
Mozambican Legislative Status – Protected (Recreational and Sports Fishing Regulation; General Regulation of Maritime Fishing; Marine and Coastal Environment Regulation; Forests and Wildlife Regulation)
Critical Threats In The Region: Poaching, Nesting Habitat Loss, Nesting Habitat Disruption, Pollution, Bycatch

Loggerhead Turtle; *Caretta caretta*

I.U.C.N. Redlist Status- **Vulnerable**
C.M.S. - Appendix I (1985), Appendix II (1979)
C.I.T.E.S. - Appendix I (1995), Appendix II (1977)
Mozambican Legislative Status – Protected (Recreational and Sports Fishing Regulation; General Regulation of Maritime Fishing; Marine and Coastal Environment Regulation; Forests and Wildlife Regulation)
Critical Threats In The Region: Poaching, Nesting Habitat Loss, Nesting Habitat Disruption, Pollution, Bycatch

Giant Manta Ray; *Manta birostris*

I.U.C.N. Redlist Status- **Vulnerable**
C.M.S. - Appendix I, Appendix II (2011)
C.I.T.E.S. – Appendix II (2013)
Mozambican Legislative Status - Not Protected
Critical Threats In The Region: Bycatch, Unregulated Tourism, Habitat Degradation, Boat Strikes



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Reef Manta Ray; *Manta alfredi*

I.U.C.N. Redlist Status- **Vulnerable**

C.M.S. - Appendix I, Appendix II, (2014)

C.I.T.E.S. – Appendix II (2013/14)

Mozambican Legislative Status - Not Protected

Critical Threats In The Region: Directed fishing, Bycatch, Unregulated Tourism, Habitat Degradation, Boat Strikes

Blotched Fantail Ray; *Taeniurops meyeri*

I.U.C.N. Redlist Status- **Vulnerable**

C.M.S. - Not Listed

C.I.T.E.S. - Not Listed

Mozambican Legislative Status - Not Protected

Critical Threats In The Region: Targeted Spearfishing, Bycatch, Habitat Degradation

Giant Guitarfish; *Rhynchobatus djiddensis*

I.U.C.N. - Status: **Vulnerable**

C.M.S. & C.I.T.E.S - Not Listed

Mozambican Legislative Status - Not Protected

Critical Threats In The Region: Targeted Spearfishing, Bycatch, Habitat Degradation

Honeycomb Stingray; *Himantura uarnak*

I.U.C.N. Redlist Status- **Vulnerable**

C.M.S. - Not Listed

C.I.T.E.S. - Not Listed

Mozambican Legislative Status - Not Protected

Critical Threats In The Region: Targeted Spearfishing, Bycatch, Habitat Degradation



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Leopard Whiptail Ray; *Himantura leoparda*

I.U.C.N. Redlist Status- **Vulnerable**

C.M.S. - Not Listed

C.I.T.E.S. - Not Listed

Mozambican Legislative Status - Not Protected

Critical Threats In The Region: Targeted Spearfishing, Bycatch, Habitat Degradation

Whale Shark; *Rhincodon typus*

I.U.C.N. Redlist Status- **Vulnerable**

C.M.S. - Appendix II (1999)

C.I.T.E.S. - Appendix II (2003)

Mozambican Legislative Status - Not Protected

Critical Threats In The Region: Bycatch, Unregulated Tourism, Boat Strikes, Pollution

Dugong; *Dugong dugon*

I.U.C.N. Redlist Status- **Vulnerable**

C.M.S. - Appendix II, listed since 1979

C.I.T.E.S. – Appendix I (1975), Appendix 2 (1975-2000)

Mozambican Legislative Status – Protected (Recreational and Sports Fishing Regulation; Forests and Wildlife Regulation)

Critical Threats In The Region: Bycatch, Poaching, Boat Strikes, Habitat Degradation, Unregulated Tourism, Noise Pollution

Brindle Bass; *Epinephelus lanceolatus*

I.U.C.N. Redlist Status- **Vulnerable**

C.M.S. - Not Listed

C.I.T.E.S. - Not Listed

Mozambican Legislative Status - Not Protected

Critical Threats In The Region: Targeted Fishing, Habitat Degradation



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DATA DEFICIENT SPECIES

Shortfin Devil Ray; *Mobula Kuhlii*

I.U.C.N. Redlist Status- **Data Deficient**
C.M.S. - Appendix I, Appendix II, (2014)
C.I.T.E.S. - Not Listed
Mozambican Legislative Status - Not Protected
Critical Threats In The Region: Bycatch, Targeted Fishing

Smalleye Stingray; *Dasyatis microps*

I.U.C.N. Redlist Status- **Data Deficient**
C.M.S. - Not Listed
C.I.T.E.S. - Not Listed
Mozambican Legislative Status - Not Protected
Critical Threats In The Region: Targeted Fishing, Bycatch, Habitat Degradation

Cowtail Ray; *Pastinachus sephen*

I.U.C.N. Redlist Status- **Data Deficient**
C.M.S. - Not Listed
C.I.T.E.S. - Not Listed
Mozambican Legislative Status - Not Protected
Critical Threats In The Region: Habitat Degradation

Torpedo Ray; *Tetronarce macneilli*

I.U.C.N. Redlist Status- **Data Deficient**
C.M.S. - Not Listed
C.I.T.E.S. - Not Listed
Mozambican Legislative Status - Not Protected
Critical Threats In The Region: Habitat Degradation



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Kuhls Ray; *Neotrygon kuhlii*

I.U.C.N. Redlist Status- **Data Deficient**
C.M.S. - Not Listed
C.I.T.E.S. - Not Listed
Mozambican Legislative Status - Not Protected
Critical Threats In The Region: Habitat Degradation

Nurse Shark; *Ginglymostoma cirratum*

I.U.C.N. Redlist Status- **Data Deficient**
C.M.S. - Not Listed
C.I.T.E.S. - Not Listed
Mozambican Legislative Status - Not Protected
Critical Threats In The Region: Habitat Degradation

Indo-pacific Bottlenose Dolphin; *Tursiops aduncus*

I.U.C.N. Redlist Status- **Data Deficient**
C.M.S. - Not Listed
C.I.T.E.S. - Appendix II (1979)
Mozambican Legislative Status - Recreational and Sports Fishing Regulation
Critical Threats In The Region: Bycatch, Noise Pollution, Boat Strikes

Black Marlin; *Istiompax indica*

I.U.C.N. Redlist Status- **Data Deficient**
C.M.S. - Not Listed
C.I.T.E.S. - Not Listed
Mozambican Legislative Status - Not Protected
Critical Threats In The Region: Sportfishing, Artisanial fishing

REFERENCES

Convention on the Conservation of Migratory Species of Wild Animals, Version 2015, www.CMS.int/en/species.

The C.I.T.E.S. Red List of Endangered Species, Version 2015, www.checklist.CITES.org, Accessed: 19 November 2015.

The I.U.C.N. Red List of Threatened Species. Version 2015-4, www.I.U.C.N.redlist.org. Accessed: 19 November 2015.

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