

ANNEX 1. List of threatened and near threatened species found in Tubbataha Reefs Natural Park as of 2010.

	Fullname	English Name	IUCN Status	CMS	CITES
Cetaceans					
1	<i>Physeter macrocephalus</i>	Sperm whale	VU A1d	I, II	I
Fishes					
2	<i>Balistes vetula</i>	Queen triggerfish	VU A2d		
3	<i>Cheilinus undulatus</i>	Humphead wrasse	EN A2bd+3bd		
4	<i>Bolbometopon muricatum</i>	Green humphead parrotfish	VU A2d		
5	<i>Cromileptes altivelis</i>	Humpback grouper	VU A4cd		
6	<i>Epinephelus lanceolatus</i>	Giant grouper	VU A2d		
7	<i>Epinephelus malabaricus</i>	Malabar grouper	NT		
8	<i>Epinephelus polyphkadion</i>	Camouflage grouper	NT		
9	<i>Plectropomus areolatus</i>	Squaretail coral grouper	VU A4d		
10	<i>Plectropomus laevis</i>	Blacksaddled coral grouper	VU A2d+4d		
11	<i>Plectropomus leopardus</i>	Leopard coral grouper	NT		
Corals					
12	<i>Acanthastrea brevis</i>	Closed brain coral	VU A4ce		
13	<i>Acanthastrea hemprichii</i>	Closed brain coral	VU A4c		
14	<i>Acanthastrea hillae</i>	Starry cup coral	NT		
15	<i>Acropora abrolhosensis</i>	Staghorn coral	VU A4cde		
16	<i>Acropora aculeus</i>	Dana staghorn coral	VU A4ce		
17	<i>Acropora acuminata</i>	None known	VU A4ce		
18	<i>Acropora anthocercis</i>	Red coral	VU A4ce		
19	<i>Acropora aspera</i>	Chuuk Shaggy Blue Stag'	VU A4ce		
20	<i>Acropora austra</i>	Staghorn coral	NT		
21	<i>Acropora carduus</i>	Bottlebrush coral	NT		
22	<i>Acropora digitifera</i>	Plate acropora	NT		
23	<i>Acropora divaricata</i>	Stony coral	NT		
24	<i>Acropora donei</i>	Staghorn coral	VU A4ce		
25	<i>Acropora echinata</i>	Bottlebrush coral	VU A4cde		
26	<i>Acropora florida</i>	Staghorn coral	NT		
27	<i>Acropora formosa</i>	Staghorn coral	NT		
28	<i>Acropora granulosa</i>	None known	NT		
29	<i>Acropora horrida</i>	None known	VU A4cde		
30	<i>Acropora humilis</i>	Finger staghorn coral	NT		
31	<i>Acropora hyacinthus</i>	Blue mesa acropora coral	NT		
32	<i>Acropora indonesia</i>	None known	VU A4ce		
33	<i>Acropora loripes</i>	None known	NT		
34	<i>Acropora lovelli</i>	Staghorn coral	VU A4ce		
35	<i>Acropora lutkeni</i>	None known	NT		
36	<i>Acropora millepora</i>	Blue coral	NT		
37	<i>Acropora monticulosa</i>	Staghorn coral	NT		
38	<i>Acropora nana</i>	Tri color staghorn	NT		

39	<i>Acropora nasuta</i>	Staghorn coral	NT
40	<i>Acropora paniculata</i>	None known	VU A4ce
41	<i>Acropora polystoma</i>	Bushy acropora	VU A4ce
42	<i>Acropora secale</i>	Tri color coral	NT
43	<i>Acropora selago</i>	None known	NT
44	<i>Acropora solitaryensis</i>	None known	VU A4ce
45	<i>Acropora speciosa</i>	Staghorn coral	VU A4ce
46	<i>Acropora striata</i>	None known	VU A4ce
47	<i>Acropora tenuis</i>	None known	NT
48	<i>Acropora vaughani</i>	None known	VU A4ce
49	<i>Acropora verweyi</i>		VU A4ce
50	<i>Acropora willisae</i>	Staghorn coral	VU A4ce
51	<i>Alveopora allingi</i>	Daisy coral	VU A4cd
52	<i>Alveopora excelsa</i>	Net coral	EN A4c
53	<i>Alveopora fenestrata</i>	Club coral	VU A4c
54	<i>Alveopora verrilliana</i>	None known	VU A4cd
55	<i>Australomussa rowleyensis</i>	None known	NT
56	<i>Caulastrea echinulata</i>	Finger coral	VU A4cd
57	<i>Caulastrea tumida</i>	None known	NT
58	<i>Cyphastrea agassizi</i>	Lesser knot coral	VU A4c
59	<i>Cyphastrea ocellina</i>	Lesser knot coral	VU A4c
60	<i>Diploastrea heliopora</i>	None known	NT
61	<i>Echinopora ashmorensis</i>	Hedgehog coral	VU A4c
62	<i>Echinopora horrida</i>	None known	NT
63	<i>Echinopora pacificus</i>	None known	NT
64	<i>Euphyllia ancora</i>	None known	VU A4cd
65	<i>Euphyllia cristata</i>	Hammer or anchor coral	VU A4cd
66	<i>Euphyllia divisa</i>	Frogspawn coral	NT
67	<i>Euphyllia glabrescens</i>	Torch coral	NT
68	<i>Favia helianthoides</i>	Knob coral	NT
69	<i>Favia laxa</i>	Knob coral	NT
70	<i>Favia maxima</i>	Knob coral	NT
71	<i>Favia rotundata</i>	Knob coral	NT
72	<i>Favia stelligera</i>	Knob coral	NT
73	<i>Favites abdita</i>	Larger star coral	NT
74	<i>Favites chinensis</i>	Brain coral favites	NT
75	<i>Favites complanata</i>	Larger star coral	NT
76	<i>Favites halicora</i>	Brain coral	NT
77	<i>Favites paraflexuosa</i>	green crater coral	NT
78	<i>Favites russelli</i>	None known	NT
79	<i>Fungia fungites</i>	Common mushroom coral	NT
80	<i>Galaxea astreata</i>		VU A4cd
81	<i>Galaxea fascicularis</i>	Galaxy coral	NT
82	<i>Galaxea paucisepta</i>	Galaxy coral	NT
83	<i>Goniastrea deformis</i>	Lesser star coral	VU A4c
84	<i>Goniastrea favulus</i>	Lesser star coral	NT
85	<i>Goniastrea minuta</i>	Lesser star coral	NT

86	<i>Goniopora lobata</i>	Stony coral	NT
87	<i>Heliofungia actiniformis</i>	Plate coral	VU A4cd
88	<i>Heliopora coerulea</i>	Blue coral	VU A4cde
89	<i>Hydnophora exesa</i>	Spine coral	NT
90	<i>Hydnophora microconos</i>	Velvet horn coral	NT
91	<i>Leptastrea bewickensis</i>	Bewick coral, crust coral	NT
92	<i>Leptoria phrygia</i>	Least valley coral	NT
93	<i>Leptoseris incrustans</i>	Swelling coral	VU A4ce
94	<i>Leptoseris striata</i>	Porcelain coral	NT
95	<i>Leptoseris yabei</i>	Vase coral	VU A4ce
96	<i>Lithophyllon undulatum</i>	Stone leaf coral	NT
97	<i>Lobophyllia flabelliformis</i>	Lobe cactus coral	VU A4ce
98	<i>Lobophyllia pachysepta</i>	Orange carpet lobo brain coral	NT
99	<i>Montastrea annuligera</i>	Pineapple coral	NT
100	<i>Montastrea colemani</i>	None known	NT
101	<i>Montastrea magnistellata</i>	False knob coral	NT
102	<i>Montastrea multipunctata</i>		VU A4c
103	<i>Montastrea salebrosa</i>		VU A4c
104	<i>Montastrea valenciennesi</i>	Brain coral	NT
105	<i>Montipora altasepta</i>	None known	VU A4cde
106	<i>Montipora caliculata</i>	None known	VU A4ce
107	<i>Montipora capitata</i>	None known	NT
108	<i>Montipora cebuensis</i>	Boody mary	VU A4ce
109	<i>Montipora vietnamensis</i>	Pineapple coral	VU A4c
110	<i>Montipora confusa</i>	None known	NT
111	<i>Montipora crassituberculata</i>	Pore coral	VU A4c
112	<i>Montipora efflorescens</i>	Pore coral	NT
113	<i>Montipora foliosa</i>	Pore coral	NT
114	<i>Montipora foveolata</i>	Pore coral	NT
115	<i>Montipora gaimardi</i>	Pore coral	VU A4c
116	<i>Montipora incrassata</i>	Pitted rice coral	NT
117	<i>Montipora mactanensis</i>	Pore coral	VU A4c
118	<i>Montipora palawanensis</i>	Disc coral	NT
119	<i>Montipora peltiformis</i>	Pore coral	NT
120	<i>Montipora samarensis</i>	None known	VU A4c
121	<i>Montipora undata</i>	Indaho grape	NT
122	<i>Montipora venosa</i>	Sandollar coral	NT
123	<i>Oulophyllia bennettiae</i>	Moonstone coral	NT
124	<i>Oulophyllia crispa</i>	Intermediate valley coral	NT
125	<i>Pachyseris gemmae</i>	Disc coral	NT
126	<i>Pachyseris rugosa</i>	Disc coral	VU A4cd
127	<i>Pavona bipartita</i>	None known	VU A4c
128	<i>Pavona cactus</i>	Potato chip coral	VU A4cd
129	<i>Pavona decussata</i>	Cactus coral	VU A4c
130	<i>Pavona minuta</i>	Leaf coral	NT
131	<i>Pavona venosa</i>	None known	VU A4c
132	<i>Pectinia alvicornis</i>	Antler coral	VU A4c

133	<i>Pectinia lactuca</i>	Lettuce coral	VU	A4cd	
134	<i>Pectinia paeonia</i>	Lettuce coral	NT		
135	<i>Platygyra lamellina</i>	Closed brain coral	NT		
136	<i>Platygyra ryukyuensis</i>	Llesser valley coral	NT		
137	<i>Plerogyra sinuosa</i>	Grape coral	NT		
138	<i>Pocillopora elegans</i>	Antler coral	VU	A4ce	
139	<i>Pocillopora eydouxi</i>	Antler coral	NT		
140	<i>Podabacia motuporensis</i>	Bracket coral	NT		
141	<i>Porites annae</i>	Boulder coral	NT		
142	<i>Porites attenuata</i>	Stony coral	VU	A4cde	
143	<i>Porites rugosa</i>	None known	VU	A4cde	
144	<i>Porites cylindrica</i>	Hump coral	NT		
145	<i>Porites deformis</i>	None known	NT		
146	<i>Porites densa</i>	Finger coral	NT		
147	<i>Porites horizontalata</i>	Boulder coral	VU	A4cde	
148	<i>Porites lobata</i>	Lobe coral	NT		
149	<i>Porites negrosensis</i>	Brown lobe coral	NT		
150	<i>Porites nigrescens</i>	Boulder coral	VU	A4cde	
151	<i>Porites ornata</i>	Stony coral	EN	A4cde	
152	<i>Psammocora digitata</i>	Pitted petaloid coral	NT		
153	<i>Seriatopora aculeata</i>	Challenger coral	VU	A4c	
154	<i>Seriatopora caliendrum</i>	Birdsnest coral	NT		
155	<i>Stylophora pistillata</i>	Smooth cauliflower coral	NT		
156	<i>Symphyllia hassi</i>	Sinuuous cup coral	VU	A4c	
157	<i>Trachyphyllia geoffroyi</i>	Open brain coral	NT		
158	<i>Tubipora musica</i>	Organ pipe coral	NT		
159	<i>Turbinaria peltata</i>	Cup coral	VU	A4cd	
160	<i>Turbinaria reniformis</i>	Plate coral	VU	A4c	
161	<i>Turbinaria stellulata</i>	Stony coral	VU	A4c	
Gastropods					
162	<i>Tridacna gigas</i>	Giant clam	VU	A2cd	ll r
Birds					
163	<i>Fregata andrewsi</i>	Christmas Island Frigatebird	CR	B2ab(ii,iii,v)	
164	<i>Egretta eulophotes</i>	Chinese Egret	VU	C2a(i)	I
165	<i>Gorsachius goisagi</i>	Japanese Night-Heron	EN	C2a(i)	
166	<i>Numenius arquata</i>	Eurasian Curlew	NT		
167	<i>Limosa limosa</i>	Black-tailed Godwit	NT		
Elasmobranchs					
168	<i>Rhincodon typus</i>	Whale shark	VU	A1bd+2d	
169	<i>Triaenodon obesus</i>	Whitetip reef shark	NT		
170	<i>Carcharhinus albimarginatus</i>	silvertip shark	NT		
171	<i>Carcharhinus amblyrhynchos</i>	Grey reef shark	NT		
172	<i>Carcharhinus longimanus</i>	Oceanic whitetip shark	VU	A2ad+3d+4ad	

173	<i>Carcharhinus melanopterus</i>	Blacktip reef shark	NT
174	<i>Galeocerdo cuvier</i>	Tiger shark	NT
175	<i>Stegostoma fasciatum</i>	leopard (zebra) shark	VU A2abcd+3cd+4abcd
176	<i>Sphyrna mokarran</i>	squat-headed hammerhead shark	EN A2bd+4bd
177	<i>Taeniura lymma</i>	Bluespotted ribbontail ray	NT
178	<i>Nebrius ferrugineus</i>	tawny nurse shark	VU A2abcd+3cd+4abcd

Testudines

179	<i>Chelonia mydas</i>	Green turtle	EN A2bd
180	<i>Eretmochelys imbricata</i>	Hawksbill turtle	CR A2bd

Annex 2. Indicative population development and trend (in %) based on minimum counts of breeding adult seabirds of North and South Islets, April – May 1981- 2006. *Source: Kennedy 1982, Heegård and Jensen 1992, Manamtam 1996 and WWF Philippines and TMO 1997 – 2006 (unpublished). Baseline year is underlined.*

Species/ Numbers	1981	1995	1997	2000	2002	2004	2005	2006	Trend (in %)
Masked Booby (<i>Sula dactylatra</i>)	<u>150</u>	0	0	0	0	0	0	0	Extirpated app. 1992
Red-footed Booby (<i>Sula sula</i>)	+ ?	0	0	0	<u>26</u>	1,485	1,783	1,826	+ 6,923
Brown Booby (<i>Sula leucogaster</i>)	<u>3,760</u>	1,500	1,750	757	422	618	1,000	630	- 83.2
Great Frigatebird (<i>Fregata minor</i>)	0	0	0	0	1) 38	3	21	11	Not breeding since 2003
Great Crested Tern (<i>Sterna bergii</i>)	<u>2,260</u>	200	2) 15	2,300	3,600	2,845	1,793	1,850	- 18.2
Sooty Tern (<i>Sterna fuscata</i>)	<u>5,070</u>	900	3,750	3,450	2,100	2) 1,200	3,502	3) 1,700	- 66.5
Brown Noddy (<i>Anous stolidus</i>)	<u>1,500</u>	600	175	500	775	335	378	200+	- 86.7
Black Noddy (<i>Anous minutus worcestr</i>)	<u>145</u>	4,000	3,500	4,535	4,850	2) 805	6,400	6,000	+ 4,030
Total	12,885	7,200	9, 190	11, 542	11, 811	2) 7, 291	14,877	12,217	- 5.2

Notes: 1) Breeding population established in 2001 with 8 birds. No evidence of breeding in 2004, 2005 and 2006.

The figures represent adult birds present at North Islet.

2) Count figures are not representative.

3) The figure may only represent the first arriving portion of the breeding population