



BERMUDA

PROTECTED SPECIES ORDER 2012

BR 7 / 2012

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The Minister responsible for the environment, in exercise of the power conferred by sections 5 and 5A of the Protected Species Act 2003, makes the following Order:

*[Amended by 2016 : 21 s. 2 effective 1 April 2016]*

Citation

1 This Order may be cited as the Protected Species Order 2012.

Protected species

2 The species of plants and animals set out in the Schedule to this Order are classified as critically endangered, endangered or vulnerable in accordance with the criteria set out in the International Union for the Conservation of Nature Red List of Threatened Species (IUCN) and are declared to be protected species.

Level of protection

3 The species of plants and animals set out in the Schedule to this Order are classified as level 1, level 2 or level 3 in accordance with the criteria set out in section 5A of, and the Schedule to, the Protected Species Act 2003.

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Revocation

4 The Protected Species Order 2007 and the Protected Species Notice of Intention 2011 are revoked.

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SCHEDULE

(paragraph 2 and 3 )

LEVEL 1

Birds

Bermuda Petrel or Cahow ( <i>Pterodroma cahow</i> ) (E)	EN (D)
Common Tern ( <i>Sterna hirundo</i> ) (N)	VU
White-eyed Vireo or Chick-of-the-Village ( <i>Vireo griseus bermudianus</i> ) (E)	VU (D1 + 2)
White-tailed Tropic Bird ( <i>Phaethon lepturus catesbyi</i> ) (N)	VU (D1 + 2)

Cave Amphipods

<i>Bermudagidiella bermudensis</i> (E)	CR (B1 + 2C)
<i>Cocoharpinia iliffei</i> (E)	CR (B1 + 2C)
<i>Idunella sketi</i> (E)	CR (B1 + 2C)
<i>Ingolfiella longipes</i> (E)	CR (B1 + 2C)
<i>Pseudoniphargus grandimanus</i> (E)	CR (B1 + 2C)

Cave Copepods

<i>Antriscopia prehensilis</i> (E)	CR (B1 + 2C)
<i>Erebonectes nesioticus</i> (E)	CR (B1 + 2C)
<i>Nanocopia minuta</i> (E)	CR (B1 + 2C)
<i>Paracyclopia naessi</i> (E)	CR (B1 + 2C)
<i>Speleoithona bermudensis</i> (E)	CR (B1 + 2C)
<i>Speleophria bivexilla</i> (E)	CR (B1 + 2C)
<i>Speleophriopsis scottodicarloi</i> (E)	CR (B1 + 2C)

Cave Isopods

<i>Arubolana aruboides</i> (E)	CR (B1 + 2C)
<i>Atlantasellus cavernicolus</i> (E)	CR (B1 + 2C)
<i>Currassanthura bermudensis</i> (E)	CR (B1 + 2C)

Cave Mictaceans

<i>Mictocaris halope</i> (E)	CR (B1 + 2C)
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Cave Mysids

<i>Platyops sterreri</i> (E)	CR (B1 + 2C)
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Cave Ostracods

<i>Spelaeoecia bermudensis</i> (E)	CR (B1 + 2C)
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### Cave Shrimps

<i>Barbouria cubensis</i> (N)	CR (B1 + 2C)
<i>Parhippolyte sterreri</i> (N)	CR (B1 + 2C)
<i>Procaris chacei</i> (E)	CR (B1 + 2C)
<i>Typhlatya iliffei</i> (E)	CR (B1 + 2C)

### Finfish

Gag ( <i>Mycteroperca microlepis</i> ) (N)	VU (A1b, d + 2d)
Lined Seahorse ( <i>Hippocampus erectus</i> ) (N)	VU (A4c, d)
Longsnout Seahorse ( <i>Hippocampus reidi</i> ) (N)	VU (D)
Mutton Hamlet ( <i>Alphestes afer</i> ) (N)	CR (A1d)
Nassau Grouper ( <i>Epinephelus striatus</i> ) (N)	EN (A2a, d)
Snowy Grouper ( <i>Epinephelus niveatus</i> ) (N)	VU (A1d + 2d, B1 + 2e)
Tiger Grouper ( <i>Mycteroperca tigris</i> ) (N)	EN (A1d)

### Freshwater Molluscs

<i>Ancylus bermudensis</i> (E)	CR (D)
<i>Pisidium volutabundum</i> (E)	CR (D)

### Land Crabs

Giant Land Crab ( <i>Cardisoma guanhumi</i> ) (N)	VU
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### Marine Mammals

Humpback Whale ( <i>Megaptera novaeangliae</i> ) (N)	VU
Sperm Whale ( <i>Physeter macrocephalus</i> ) (N)	VU (A1d)

### Marine Molluscs

Queen Conch ( <i>Lobatus gigas</i> ) (N)	(VU)
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### Moss

Bermuda Campylopus ( <i>Campylopus bermudianus</i> ) (E)	CR (C)
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### Rays and Skates

Spotted Eagle Ray ( <i>Aetobatus narinari</i> ) (N)	VU (A2d)
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### Reptiles

Bermuda Skink ( <i>Plestiodon longirostris</i> ) (E)	CR (B2b, c, d, e)
Green Turtle ( <i>Chelonia mydas</i> ) (N)	EN (A1b, d)
Hawksbill Turtle ( <i>Eretmochelys imbricata</i> ) (N)	CR (A1b, d)
Kemp's Ridley Turtle ( <i>Lepidochelys kempii</i> ) (N)	CR
Leatherback Turtle ( <i>Dermochelys coriacea</i> ) (N)	CR (A1a, b, d)

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Loggerhead Turtle ( <i>Caretta caretta</i> ) (N)	EN (A1a, b, d)
Segmented Worms	
<i>Phalodriloides macmasterae</i> (E)	CR (B1 + 2C)
Sharks	
Whale Shark ( <i>Rhincodon typus</i> ) (N)	VU (A1b, d + 2d)
Terrestrial Snail	
Bermuda Land Snail ( <i>Poecilozonites bermudensis</i> ) (E)	CR (A2)
<i>Poecilozonites circumfirmatus</i> (E)	CR (A2, B2a)
LEVEL 2	
Arthropod	
Leaf Cutter Bee ( <i>Megachile pruina pruina</i> ) (E)	(VU)
Coral	
Black Coral	
<i>Antipathes atlantica</i> (N)	(VU)
<i>Antipathes furcata</i> (N)	(VU)
<i>Cupressopathes gracilis</i> (N)	(VU)
<i>Parantipathes tetrasticha</i> (N)	(VU)
<i>Stichopathes cf. spiessi</i> (N)	(VU)
<i>Stichopathes occidentalis</i> (N)	(VU)
<i>Stichopathes setacea</i> (N)	(VU)
<i>Tanacetipathes hirta</i> (N)	(VU)
<i>Tanacetipathes tanacetum</i> (N)	(VU)
<i>Tanacetipathes thamnea</i> (N)	(VU)
Fire Coral	
<i>Millepora alcicornis</i> (N)	(VU)
Hard Corals	
<i>Agaricia fragilis dana</i> (N)	(VU)
<i>Astrangia solitaria</i> (N)	(VU)
<i>Caryophyllia ambrosia ambrosia</i> (N)	(VU)
<i>Caryophyllia sarsiae Zibrowius</i> (N)	(VU)
<i>Coenocyathus goreau</i> (N)	(VU)
<i>Colangia immersa</i> (N)	(VU)
<i>Deltocyathoides stimpsonii</i> (N)	(VU)

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<i>Deltocyathus calcar Pourtalès</i> (N)	(VU)
<i>Deltocyathus eccentricus Cairns</i> (N)	(VU)
<i>Deltocyathus italicus</i> (N)	(VU)
<i>Deltocyathus moseleyi</i> (N)	(VU)
<i>Desmophyllum dianthus</i> (N)	(VU)
<i>Dichocoenia stokesi</i> (N)	(VU)
<i>Diploria labyrinthiformis</i> (N)	(VU)
<i>Enallopsammia rostrata</i> (N)	(VU)
<i>Favia fragum</i> (N)	(VU)
<i>Fungiacyathus symmetricus</i> (N)	(VU)
<i>Guynia annulata</i> (N)	(VU)
<i>Isophyllia sinuosa</i> (N)	(VU)
<i>Javania cailleti</i> (N)	(VU)
<i>Lophelia pertusa</i> (N)	(VU)
<i>Madracis asperula</i> (N)	(VU)
<i>Madracis auretenra</i> (N)	(VU)
<i>Madracis decactis</i> (N)	(VU)
<i>Madracis myriaster</i> (N)	(VU)
<i>Madrepora carolina</i> (N)	(VU)
<i>Madrepora oculata</i> (N)	(VU)
<i>Meandrina meandrites</i> (N)	(VU)
<i>Montastraea cavernosa</i> (N)	(VU)
<i>Oculina diffusa</i> (N)	(VU)
<i>Oculina valenciennesi</i> (N)	(VU)
<i>Oculina varicosa</i> (N)	(VU)
<i>Orbicella franksi</i> (N)	(VU)
<i>Oxysmilia rotundifolia</i> (N)	(VU)
<i>Paracyathus pulchellus</i> (N)	(VU)
<i>Phyllangia americana americana</i> (N)	(VU)
<i>Polymyces wellsii</i> (N)	(VU)
<i>Porites astreoides</i> (N)	(VU)
<i>Porites porites</i> (N)	(VU)
<i>Pseudodiploria strigosa</i> (N)	(VU)
<i>Rhizopsammia bermudensis</i> (N)	(VU)
<i>Scolymia cubensis</i> (N)	(VU)
<i>Siderastrea radians</i> (N)	(VU)
<i>Siderastrea siderea</i> (N)	(VU)

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<i>Solenosmilia variabilis</i> (N)	(VU)
<i>Stenocyathus vermiformis</i> (N)	(VU)
<i>Stephanocoenia intersepta</i> (N)	(VU)
<i>Tethocyathus cylindraceus</i> (N)	(VU)
Soft Corals	
<i>Antillogorgia acerosa</i> (N)	(VU)
<i>Antillogorgia americana</i> (N)	(VU)
<i>Bebryce parastellata</i> (N)	(VU)
<i>Briareum asbestinum</i> (N)	(VU)
<i>Callogorgia gracilis</i> (N)	(VU)
<i>Callogorgia</i> sp. (N)	(VU)
<i>Callogorgia verticillata</i> (N)	(VU)
<i>Candidella imbricata</i> (N)	(VU)
<i>Ceratoisis flexibilis</i> (N)	(VU)
<i>Chelidonisis aurantiaca</i> (N)	(VU)
<i>Chrysogorgia fewkesii</i> (N)	(VU)
<i>Eunicea calyculata</i> (N)	(VU)
<i>Eunicea clavigera</i> (N)	(VU)
<i>Eunicea fusca</i> (N)	(VU)
<i>Eunicea knighti</i> (N)	(VU)
<i>Eunicea pinta</i> (N)	(VU)
<i>Eunicea tourneforti</i> (N)	(VU)
<i>Eunicea tourneforti forma atra</i> (N)	(VU)
<i>Gersemia rubiformis</i> (N)	(VU)
<i>Gorgonia ventalina</i> (N)	(VU)
<i>Lepidisis caryophyllia</i> (N)	(VU)
<i>Lepidisis simplex</i> (N)	(VU)
<i>Leptogorgia</i> cf. <i>setacea</i> (N)	(VU)
<i>Lytrelia plana</i> (N)	(VU)
<i>Muricea atlantica</i> (N)	(VU)
<i>Muricea</i> cf. <i>waltonsmithi</i> (N)	(VU)
<i>Muricea elongata</i> (N)	(VU)
<i>Muricea laxa</i> (N)	(VU)
<i>Muricea muricata</i> (N)	(VU)
<i>Muricea pinnata</i> (N)	(VU)
<i>Muriceides kükenthali</i> (N)	(VU)

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<i>Narella alvinae</i> (N)	(VU)
<i>Narella bellissima</i> (N)	(VU)
<i>Narella versluysi</i> (N)	(VU)
<i>Nidalia occidentalis</i> (N)	(VU)
<i>Placogorgia cf. intermedia</i> (N)	(VU)
<i>Placogorgia tenuis</i> (N)	(VU)
<i>Plexaurella dichotoma</i> (N)	(VU)
<i>Plexaura flexuosa</i> (N)	(VU)
<i>Plexaurella grisea</i> (N)	(VU)
<i>Plexaura homomalla</i> (N)	(VU)
<i>Plexaurella nutans</i> (N)	(VU)
<i>Pseudoplexaura flagellosa</i> (N)	(VU)
<i>Pseudoplexaura porosa</i> (N)	(VU)
<i>Pseudoplexaura wagenaari</i> (N)	(VU)
<i>Pterogorgia citrina</i> (N)	(VU)
<i>Scleracis guadalupensis</i> (N)	(VU)
<i>Scleracis petrosa</i> (N)	(VU)
<i>Sclerobelemnon theseus</i> (N)	(VU)
<i>Telestula septentrionalis</i> (N)	(VU)
<i>Thelogorgia vossi</i> (N)	(VU)
<i>Thesea citrina</i> (N)	(VU)
<i>Thouarella sp.</i> (N)	(VU)
<i>Thouarella (Euthouarella) grasshoffi</i> (N)	(VU)
Echinoderms	
Four-Sided Sea Cucumber ( <i>Isostichopus badionotus</i> ) (N)	(VU)
Long-spined Urchin ( <i>Diadema antillarum</i> ) (N)	(VU)
West Indian Sea Egg ( <i>Tripneustes ventricosus</i> ) (N)	(VU)
Ferns	
Bermuda Cave Fern ( <i>Ctenitis sloanei</i> ) (N)	CR (B1)
Bermuda Shield Fern ( <i>Thelypteris bermudiana</i> ) (E)	CR (B2)
Governor Laffan's Fern ( <i>Diplazium laffanianum</i> ) (E)	CR (D)
Long Spleenwort ( <i>Asplenium heterochroum</i> ) (N)	EN (C2a)
Ten-day or Leatherleaf Fern ( <i>Rumohra adiantiformis</i> ) (N)	CR (D)
Toothed Spleenwort ( <i>Asplenium dentatum</i> ) (N)	EN (B1a,b)
Finfish	



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American Eel ( <i>Anguilla rostrata</i> ) (N)	VU
Bermuda Killifish ( <i>Fundulus bermudae</i> ) (E)	EN
European Eel ( <i>Anguilla anguilla</i> ) (N)	CR (A2bd + 4bd)
Killifish ( <i>Fundulus relictus</i> ) (E)	EN
Flowering Plants	
Black Mangrove ( <i>Avicennia germinans</i> ) (N)	VU
Red Mangrove ( <i>Rhizophora mangle</i> ) (N)	VU
Land Crabs	
Land Hermit Crab ( <i>Coenobita clypeatus</i> ) (N)	(VU)
Marine Molluscs	
Bermuda Sand Scallop ( <i>Euvola ziczac</i> ) (N)	EN
Calico Scallop ( <i>Argopecten gibbus</i> ) (N)	EN
Marine Plants	
Manatee Grass ( <i>Syringodium filiforme</i> ) (N)	VU
Paddle Grass ( <i>Halophila decipiens</i> ) (N)	VU
Shoal Grass ( <i>Halodule sp.</i> ) (N)	VU
Shoal Grass ( <i>Halodule bermudensis</i> ) (E)	CR
Turtle Grass ( <i>Thalassia testudinum</i> ) (N)	VU
Reptiles	
Diamondback Terrapin ( <i>Malaclemys terrapin</i> ) (N)	VU

LEVEL 3

Flowering Plants	
Bermuda Bedstraw ( <i>Galium bermudense</i> ) (N)	EN
Bermuda Cedar ( <i>Juniperus bermudiana</i> ) (E)	CR (pre-1940s)
Bermuda Sedge ( <i>Carex bermudiana</i> ) (E)	CR
Darrell's Fleabane ( <i>Erigeron darrelliannus</i> ) (E)	VU
Wild Bermuda Bean ( <i>Phaseolus lignosus</i> ) (E)	CR
Wild Bermuda Pepper ( <i>Peperomia septentrionalis</i> ) (E)	CR
Yellow Wood Tree ( <i>Zanthoxylum flavum</i> ) (N)	CR

Abbreviations:

CR= Critically Endangered

EN= Endangered

VU= Vulnerable

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(E)= Endemic, only found in Bermuda

(N)= Native, indigenous to Bermuda and other places

*[Schedule revoked and replaced by BR 4 / 2016 para. 2 effective 16 February 2016]*

Made this 17th day of January 2012

Minister of Public Works

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*[Amended by:*

BR 4 / 2016

2016 : 21]