



BERMUDA

PROTECTED SPECIES AMENDMENT ORDER 2016

BR 4 / 2016

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

Citation

1 This Order, which amends the Protected Species Order 2012 (“the principal Order”), may be cited as the Protected Species Amendment Order 2016.

Amends the Schedule

2 The Schedule to the principal Order is revoked and replaced with the following—

“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)

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

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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
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)
Moss	
Bermuda Campylopus ( <i>Campylopus bermudianus</i> ) (E)	CR (C)
Rays and Skates	
Spotted Eagle Ray ( <i>Aetobatus narinari</i> ) (N)	VU (A2d)
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)
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)

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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)
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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)
<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)

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<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)
<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 sp.</i> (N)	(VU)
<i>Callogorgia verticillata</i> (N)	(VU)
<i>Candidella imbricata</i> (N)	(VU)

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<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 cf. setacea</i> (N)	(VU)
<i>Lytreaia plana</i> (N)	(VU)
<i>Muricea atlantica</i> (N)	(VU)
<i>Muricea cf. 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)
<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 wagnaari</i> (N)	(VU)

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<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	
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	

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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

(E)= Endemic, only found in Bermuda

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

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Made this 11th day of February 2016

Minister of Health, Seniors and Environment