
APPENDIX 1.C

CHANGES TO SGCN LIST SINCE 2007



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Species Added and Criteria Met

Scientific Name	Common Name	Criteria Met
<i>Accipiter gentilis</i>	Northern Goshawk	5
<i>Acris crepitans</i>	Northern Cricket Frog	5
<i>Aegolius acadicus</i>	Northern Saw-whet Owl	4
<i>Agarodes libalis</i>	Spring-loving Psiloneuran Caddisfly	3
<i>Alopias superciliosus</i>	Bigeye Thresher Shark	6,7
<i>Alopias vulpinus</i>	Thresher Shark	5,6,7
<i>Alosa aestivalis</i>	Blueback Herring	1,3,5,6,7
<i>Alosa pseudoharengus</i>	Alewife	1,5,6,7
<i>Alosa sapidissima</i>	American Shad	5,7
<i>Ambystoma opacum</i>	Marbled Salamander	5
<i>Amia calva</i>	Bowfin	5
<i>Ammodramus nelsoni</i>	Nelson's Sparrow	4
<i>Amphiagrion saucium</i>	Eastern Red Damsel	7
<i>Amphion floridensis</i>	Nessus Sphinx	4
<i>Anas acuta</i>	Northern Pintail	9
<i>Anas americana</i>	American Wigeon	9
<i>Anas discors</i>	Blue-winged Teal	4
<i>Anaxyrus fowleri</i>	Fowler's Toad	5
<i>Anguilla rostrata</i>	American Eel	5,6,7
<i>Anisocentropus pyraloides</i>	A Caddisfly	4
<i>Apamea helva</i>	A Noctuid Moth	4
<i>Aquila chrysaetos</i>	Golden Eagle	4,5
<i>Argia sedula</i>	Blue-ringed Dancer	7
<i>Asterocampa clyton</i>	Tawny Emperor	4
<i>Basiaeschna janata</i>	Springtime Darner	7
<i>Beraea fontana</i>	A Caddisfly	3
<i>Beraea nigritta</i>	A Caddisfly	3,4
<i>Bombus affinis</i>	Rusty-patched Bumble Bee	3
<i>Bombus ashtoni</i>	Ashton's Cuckoo Bumble Bee	3
<i>Bombus auricomus</i>	Black and Gold Bumble Bee	9
<i>Bombus fraternus</i>	Southern Plains Bumble Bee	6,9
<i>Bombus pensylvanicus</i>	American Bumble Bee	3
<i>Bombus vagans</i>	Half-black Bumble Bee	9

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<i>Bombus variabilis</i>	Variable Cuckoo Bumble Bee	3,9
<i>Boyeria vinosa</i>	Fawn Darner	7
<i>Brevoortia tyrannus</i>	Atlantic Menhaden	7
<i>Bucephala clangula</i>	Common Goldeneye	4
<i>Busycon carica</i>	Knobbed Whelk	9
<i>Busycotypus canaliculatus</i>	Channeled Whelk	9
<i>Buteo lagopus</i>	Rough-legged Hawk	4
<i>Calidris melanotos</i>	Pectoral Sandpiper	4
<i>Calopteryx dimidiata</i>	Sparkling Jewelwing	4,7
<i>Caprimulgus carolinensis</i>	Chuck-will's-widow	4,5
<i>Carcharhinus brevipinna</i>	Spinner Shark	6,7
<i>Carcharhinus falciformis</i>	Silky Shark	6,7
<i>Carcharhinus isodon</i>	Finetooth Shark	7
<i>Carcharhinus leucas</i>	Bull Shark	6,7
<i>Carcharhinus limbatus</i>	Blacktip Shark	6,7
<i>Carcharhinus longimanus</i>	Oceanic Whitetip Shark	6,7
<i>Carcharhinus plumbeus</i>	Sandbar Shark	6,7
<i>Carcharhinus signatus</i>	Night Shark	3,6,7
<i>Carcharias taurus</i>	Sand Tiger	1,3,6,7
<i>Carpodacus purpureus</i>	Purple Finch	4
<i>Catinella hubrichti</i>	Snowhill Ambersnail	3
<i>Catocala dejecta</i>	Dejected Underwing	4
<i>Catocala habilis</i>	Habilis Underwing	4
<i>Catocala innubens</i>	The Betrothed Underwing	4
<i>Catocala mira</i>	Wonderful Underwing	4
<i>Catocala obscura</i>	Obscure Underwing	4
<i>Catocala ulalume</i>	An Underwing Moth	2,4
<i>Catocala umbrosa</i>	An Underwing Moth	4
<i>Celastrina neglectamajor</i>	Appalachian Azure	4
<i>Celithemis elisa</i>	Calico Pennant	7
<i>Celithemis martha</i>	Martha's Pennant	4,7
<i>Centropristis striata</i>	Black Sea Bass	7
<i>Cheumatopsyche virginica</i>	A Caddisfly	4
<i>Cheumatopsyche wabasha</i>	A Caddisfly	4
<i>Chromagrion conditum</i>	Aurora Damsel	7
<i>Clupea harengus</i>	Atlantic Herring	5,7
<i>Colletes aestivalis</i>	A Cellophane Bee	9
<i>Condylura cristata</i>	Star-nosed Mole	5

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Scientific Name	Common Name	Criteria Met
<i>Contopus cooperi</i>	Olive-sided Flycatcher	5,6
<i>Cordulegaster diastatops</i>	Delta-spotted Spiketail	7
<i>Cordulegaster maculata</i>	Twin-spotted Spiketail	7
<i>Cottus bairdii</i>	Mottled Sculpin	4
<i>Cynoscion nebulosus</i>	Spotted Seatrout	7
<i>Cynoscion regalis</i>	Weakfish	7
<i>Cyprinella analostana</i>	Satinfin Shiner	5
<i>Danaus plexippus</i>	Monarch	9
<i>Desmognathus fuscus</i>	Northern Dusky Salamander	5
<i>Didymops transversa</i>	Stream Cruiser	7
<i>Eacles imperialis</i>	Imperial Moth	4
<i>Elliptio complanata</i>	Eastern Elliptio	9
<i>Empidonax virescens</i>	Acadian Flycatcher	5
<i>Enallagma aspersum</i>	Azure Bluet	7
<i>Enallagma basidens</i>	Double-striped Bluet	7
<i>Enallagma daeckii</i>	Attenuated Bluet	7
<i>Enallagma divagans</i>	Turquoise Bluet	7
<i>Enallagma geminatum</i>	Skimming Bluet	7
<i>Enallagma traviatum</i>	Slender Bluet	7
<i>Eptesicus fuscus</i>	Big Brown Bat	5
<i>Eremophila alpestris</i>	Horned Lark	5
<i>Erythrodiplax berenice</i>	Seaside Dragonlet	7
<i>Erythrodiplax minuscula</i>	Little Blue Dragonlet	7
<i>Etheostoma fusiforme</i>	Swamp Darter	5
<i>Euphagus carolinus</i>	Rusty Blackbird	4,5,6,7
<i>Eurycea bislineata</i>	Northern Two-lined Salamander	5
<i>Exoglossum maxillingua</i>	Cutlip Minnow	5
<i>Falco columbarius</i>	Merlin	4
<i>Falco sparverius</i>	American Kestrel	2,4,5
<i>Fundulus heteroclitus</i>	Mummichog	5
<i>Fundulus luciae</i>	Spotfin Killifish	5
<i>Fundulus majalis</i>	Striped Killifish	5
<i>Galeocerdo cuvier</i>	Tiger Shark	6,7
<i>Gallinago delicata</i>	Wilson's Snipe	5
<i>Gavia immer</i>	Common Loon	5
<i>Geukensia demissa</i>	Ribbed Mussel	9
<i>Ginglymostoma cirratum</i>	Nurse Shark	6,7

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Scientific Name	Common Name	Criteria Met
<i>Glyphyalinia picea</i>	Rust Glyph	3
<i>Gomphus exilis</i>	Lancet Clubtail	7
<i>Gomphus lividus</i>	Ashy Clubtail	7
<i>Gyraulus deflectus</i>	Flexed Gyro	9
<i>Helicopsyche borealis</i>	A Caddisfly	4
<i>Heptranchias perlo</i>	Sharpnose Sevengill Shark	6,7
<i>Hexanchus griseus</i>	Bluntnose Sixgill Shark	6,7
<i>Homarus americanus</i>	American Lobster	7
<i>Hybognathus regius</i>	Eastern Silvery Minnow	5
<i>Hydropsyche hoffmani</i>	A Caddisfly	3
<i>Hydropsyche impula</i>	A Caddisfly	3
<i>Hydropsyche ophthalmica</i>	A Caddisfly	3
<i>Hyles gallii</i>	Galium Sphinx	4
<i>Isurus oxyrinchus</i>	Shortfin Mako Shark	5,6,7
<i>Isurus paucus</i>	Longfin Mako Shark	6,7
<i>Lamna nasus</i>	Porbeagle Shark	1,5,6,7
<i>Lanthus vernalis</i>	Southern Pygmy Clubtail	7
<i>Lapara coniferarum</i>	Southern Pine Sphinx	4
<i>Larus argentatus</i>	Herring Gull	4
<i>Lasioglossum marinum</i>	A Sweat Bee	9
<i>Lasioglossum nymphale</i>	A Sweat Bee	9
<i>Leiostomus xanthurus</i>	Spot	7
<i>Lepomis auitus</i>	Redbreast Sunfish	5
<i>Lestes australis</i>	Southern Spreadwing	9
<i>Lestes congener</i>	Spotted Spreadwing	9
<i>Lestes forcipatus</i>	Sweetflag Spreadwing	7
<i>Lestes inaequalis</i>	Elegant Spreadwing	7
<i>Lestes rectangularis</i>	Slender Spreadwing	7
<i>Lestes vigilax</i>	Swamp Spreadwing	7
<i>Leucophaeus atricilla</i>	Laughing Gull	4
<i>Libellula cyanea</i>	Spangled Skimmer	7
<i>Libellula needhami</i>	Needham's Skimmer	7
<i>Libellula semifasciata</i>	Painted Skimmer	7
<i>Lithobates sylvaticus</i>	Wood Frog	9
<i>Littoridinops tenuipes</i>	Henscomb Hydrobe	9
<i>Lynx rufus</i>	Bobcat	4,5
<i>Menidia menidia</i>	Atlantic Silverside	5
<i>Micropogonias undulatus</i>	Atlantic Croaker	7
<i>Morone saxatilis</i>	Striped Bass	7

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Scientific Name	Common Name	Criteria Met
<i>Morus bassanus</i>	Northern Gannet	7
<i>Mustela frenata</i>	Long-tailed Weasel	9
<i>Mustelus canis</i>	Smooth Dogfish	6,7
<i>Myotis lucifugus</i>	Little Brown Myotis	2,4,5
<i>Negaprion brevirostris</i>	Lemon Shark	6,7
<i>Neophylax delicatus</i>	A Caddisfly	3
<i>Neovison vison</i>	Mink	9
<i>Neurocordulia obsoleta</i>	Umber Shadowdragon	7
<i>Nomada rubicunda</i>	A Cuckoo Bee	9
<i>Notophthalmus viridescens</i>	Eastern Newt	9
<i>Notropis procne</i>	Swallowtail Shiner	5
<i>Oceanodroma castro</i>	Band-rumped Storm-Petrel	3,4
<i>Oxyloma effusum</i>	Coastal-plain Ambersnail	3
<i>Oxyura jamaicensis</i>	Ruddy Duck	4
<i>Papaipema inquaesita</i>	Sensitive Fern Borer Moth	4
<i>Papaipema marginidens</i>	A Borer Moth	4
<i>Papaipema nelita</i>	A Borer Moth	4
<i>Paralichthys dentatus</i>	Summer Flounder	7
<i>Passerella iliaca</i>	Fox Sparrow	4
<i>Pelagodroma marina</i>	White-faced Storm-Petrel	4
<i>Perimyotis subflavus</i>	Eastern Pipistrelle	4,5
<i>Pheucticus ludovicianus</i>	Rose-breasted Grosbeak	4
<i>Photinus floridanus</i>	A Firefly	8,9
<i>Photinus ignitus</i>	A Firefly	9
<i>Photuris cinctipennis</i>	A Firefly	9
<i>Photuris mysticalampas</i>	A Firefly	8,9
<i>Photuris salina</i>	A Firefly	9
<i>Physa carolinae</i>	Carolina Physa	9
<i>Piranga rubra</i>	Summer Tanager	5
<i>Plectrophenax nivalis</i>	Snow Bunting	4
<i>Pogonias cromis</i>	Black Drum	7
<i>Polycentropus chenoides</i>	A Caddisfly	3
<i>Pomatomus saltatrix</i>	Bluefish	7
<i>Prionace glauca</i>	Blue Shark	5,6,7
<i>Progomphus obscurus</i>	Common Sanddragon	9
<i>Promenetus exacuovus</i>	Keeled Promenetus	9
<i>Pseudacris kalmi</i>	New Jersey Chorus Frog	5

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Scientific Name	Common Name	Criteria Met
<i>Pseudopleuronectes americanus</i>	Winter Flounder	5,7
<i>Pseudotriton ruber</i>	Red Salamander	5
<i>Psorthaspis mariae</i>	A Spider Wasp	8,9
<i>Psorthaspis sanguinea</i>	A Spider Wasp	8,9
<i>Puffinus griseus</i>	Sooty Shearwater	6
<i>Pyractomena dispersa</i>	A Firefly	9
<i>Pyractomena ecostata</i>	A Firefly	9
<i>Rallus limicola</i>	Virginia Rail	4
<i>Rallus longirostris</i>	Clapper Rail	5,7
<i>Rana kauffeldi</i>	Atlantic Coast Leopard Frog	9
<i>Recurvirostra americana</i>	American Avocet	4
<i>Rhincodon typus</i>	Whale Shark	6,7
<i>Rhionaeschna mutata</i>	Spatardock Darner	7
<i>Rhizoprionodon terraenovae</i>	Atlantic Sharpnose Shark	7
<i>Sciaenops ocellatus</i>	Red Drum	7
<i>Scomberomorus maculatus</i>	Spanish Mackerel	7
<i>Semotilus corporalis</i>	Fallfish	5,7
<i>Setophaga caerulescens</i>	Black-throated Blue Warbler	5
<i>Setophaga castanea</i>	Bay-breasted Warbler	5,7
<i>Setophaga fusca</i>	Blackburnian Warbler	5
<i>Setophaga tigrina</i>	Cape May Warbler	5
<i>Setophaga virens</i>	Black-throated Green Warbler	5
<i>Sitta canadensis</i>	Red-breasted Nuthatch	4
<i>Somatochlora linearis</i>	Mocha Emerald	7
<i>Somatochlora tenebrosa</i>	Clamp-tipped Emerald	7
<i>Sphyrna lewini</i>	Scalloped Hammerhead	6,7
<i>Sphyrna mokarran</i>	Great Hammerhead	6,7
<i>Sphyrna tiburo</i>	Bonnethead Shark	7
<i>Sphyrna zygaena</i>	Smooth Hammerhead	5,6,7
<i>Spinus pinus</i>	Pine Siskin	4
<i>Spiza americana</i>	Dickcissel	4,5
<i>Spizella arborea</i>	American Tree Sparrow	4
<i>Squalus acanthias</i>	Spiny Dogfish	5,6,7
<i>Stenotomus chrysops</i>	Scup	6,7
<i>Stercorarius longicaudus</i>	Long-tailed Jaeger	4
<i>Sturnella magna</i>	Eastern Meadowlark	5
<i>Stylurus laurae</i>	Laura's Clubtail	2,7
<i>Sympetrum rubicundulum</i>	Ruby Meadowhawk	7
<i>Tautoga onitis</i>	Tautog	5,6,7

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Scientific Name	Common Name	Criteria Met
<i>Telebasis byersi</i>	Duckweed Firetail	4,7
<i>Thalasseus sandvicensis</i>	Sandwich Tern	4
<i>Thunnus thynnus</i>	Atlantic Bluefin Tuna	1,6,7
<i>Tringa flavipes</i>	Lesser Yellowlegs	9
<i>Umbra pygmaea</i>	Eastern Mudminnow	5
<i>Uria lomvia</i>	Thick-billed Murre	4
<i>Vertigo ovata</i>	Ovate Vertigo	4,6
<i>Wallengrenia otho</i>	Southern Broken-Dash	4
<i>Zale metatoides</i>	Washed-out Zale Moth	4
<i>Zale squamularis</i>	A Noctuid Moth	4

Key to SGCN Listing Criteria

- 1 Federal Legal Status
- 2 State Legal Status
- 3 Natureserve Global Rank (G Rank)
- 4 State Rank (S Rank)
- 5 Regional Species of Greatest Conservation Need (RSGCN) for the Northeast
- 6 IUCN Red List Status
- 7 Taxa-specific plan status (see Chapter 1)
- 8 Endemic or Disjunct
- 9 Other Scientific Data or Expert Consensus

Species Removed since 2007 and the Reason(s)

Group	Scientific Name	Common Name	Global Rank	State Rank	2007 SGCN Tier	Reason Removed
Birds	<i>Accipiter cooperii</i>	Cooper's Hawk	G5	S3B	Tier 1	No longer meets Criterion #4 (S Rank) due to rank change
Birds	<i>Anas clypeata</i>	Northern Shoveler	G5	SHB, S4N	Tier 2	Decision Tree #3, rare breeding attempts outside of core range.
Birds	<i>Charadrius wilsonia</i>	Wilson's Plover	G5	SNA	Tier 2	Decision Tree #5 (very rare or casual visitor)
Birds	<i>Coragyps atratus</i>	Black Vulture	G5	S3B	Tier 2	No longer meets Criterion #4 (S Rank) due to rank change
Birds	<i>Coturnicops noveboracensis</i>	Yellow Rail	G4	SNA	Tier 2	Decision Tree #5 (very rare or casual visitor)
Birds	<i>Fulica Americana</i>	American Coot	G5	S1B, S4N	Tier 2	Decision Tree #3, rare breeding attempts outside of core range.
Birds	<i>Hydrocolobus minutus</i>	Little Gull	G5	SNA	Tier 2	Decision Tree #5 (very rare or casual visitor)
Birds	<i>Pandion haliaetus</i>	Osprey	G5	S4B	Tier 1	Original listing justification "Sensitive / Significant Population – Indicator Species" no longer considered valid criterion

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Birds	<i>Pelecanus erythrorhynchos</i>	American White Pelican	G4	SNA	Tier 2	Decision Tree #5 (very rare or casual visitor)
Birds	<i>Rhodostethia rosea</i>	Ross's Gull	G3G4	SNA	Tier 2	Decision Tree #5 (very rare or casual visitor)
Birds	<i>Strix varia</i>	Barred Owl	G5	S3	Tier 2	No longer meets Criterion #4 (S Rank) due to rank change
Fishes	<i>Pristis pectinata</i>	Smalltooth Sawfish	G1G3	SNR	Tier 1	No valid Delaware records
Fishes	<i>Ameiurus natalis</i>	Yellow Bullhead	G5	S3S4	Tier 1	Original listing justification "Sensitive / Significant Population – Restricted Range" no longer considered valid criterion
Insects	<i>Amblyscirtes aesculapius</i>	Lace-winged Roadside-Skipper	G3G4	SNR	Tier 2	Decision Tree #5 (very rare or casual visitor)
Insects	<i>Amblyscirtes carolina</i>	Carolina Roadside-Skipper	G3G4	SNR	Tier 2	Decision Tree #5 (very rare or casual visitor)
Insects	<i>Boloria selene</i>	Silver-bordered Fritillary	G5	S1	Tier 2	Full species removed, subspecies <i>myrina</i> retained
Insects	<i>Catocala palaeogama</i>	Oldwife Underwing	G5	S3	Tier 2	No longer meets Criterion #4 (S Rank) due to rank change
Insects	<i>Celithemis ornata</i>	Banded Pennant	G5	S2	Tier 2	Record of species in Delaware is erroneous.
Insects	<i>Drasteria graphica atlantica</i>	Atlantic graphic moth	GNR	S1	Tier 2	Subspecies <i>atlantica</i> removed, full species retained.

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Insects	<i>Ladona deplanata</i>	Blue Corporal	G5	S2	Tier 2	No longer meets Criterion #4 (S Rank) due to pending S-rank change
Insects	<i>Satyrium liparops</i>	Striped Hairstreak	G5	S1	Tier 2	Full species removed, subspecies <i>strigosum</i> retained
Insects	<i>Sympetrum ambiguum</i>	Blue-faced Meadowhawk	G5	S1	Tier 2	No longer meets Criterion #4 (S Rank) due to pending S-rank change
Mammals	<i>Canis latrans</i>	Coyote	G5	SU	Tier 2	Now considered a non-native species by Delaware Division of Fish and Wildlife
Reptiles	<i>Pituophis melanoleucus</i>	Pinesnake	G4	SNA	Tier 2	No valid Delaware records