APPENDIX 1.B

SGCN LIST, ALPHABETICAL WITH CRITERIA MET

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Appendix 1.B SGCN List, Alphabetical with Criteria Met

	Criteria	C1	C2	C3	C4	C5		C6	C7	C8	C9					
Scientific Name	**Common Name**	**Federal Status**	**State Status**	**G Rank**	**S Rank**	**RSGCN Responsibility**	**RSGCN Concern**	**IUCN Status**	**Taxonomic Plan Status**	**Endemic or Disjunct**	**Other Scientific Data and Expert Consensus**	**2007 DEWAP TIER**	**2015 DEWAP Tier**	**Tier Reason**	**DE Responsibility**	**SLR / Climate Change**
Acantharchus pomotis	Mud Sunfish	NL	NL	G4G5	S2	Low	High	LC				Tier 1	Tier 2	S Rank		
Accipiter gentilis	Northern Goshawk	NL	NL	G5	S1N	Low	V. High	LC				NL	Tier 3			
Accipiter striatus	Sharp-shinned Hawk	NL	NL	G5	S1B,S4N	NL	NL	LC				Tier 1	Tier 2	S Rank		
Acipenser brevirostrum	Shortnose Sturgeon	LE	E	G3	S3N	High	V. High	VU	AFS 2008			Tier 1	Tier 1	Federal Listing	High	
Acipenser oxyrinchus	Atlantic Sturgeon	LE**	E	G3T3	S2	High	V. High	NT	AFS 2008			Tier 1	Tier 1	Federal Listing	High	

oxyrinchus																
Acris crepitans	Northern Cricket Frog	NL	NL	G5	S5	Low	High	LC				NL	Tier 2	DE Responsibility	High	
Acronicta connecta	Connected Dagger Moth	NL	NL	G4	SH	NA	NA	NA				Tier 2	Data Needs - Historical			
Acronicta exilis	Exiled Dagger Moth	NL	NL	G4	S2?	NA	NA	NA				Tier 2	Tier 2	S Rank		
Acronicta increta	Southern Oak Dagger Moth	NL	NL	G5	SU	NA	NA	NA				Tier 2	Data Needs			
Acronicta lithospila	Streaked Dagger Moth	NL	NL	G5	SH	NA	NA	NA				Tier 2	Data Needs - Historical			
Acronicta rubricoma	Ruddy Dagger Moth	NL	NL	G4	SH	NA	NA	NA				Tier 2	Data Needs - Histor			

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Actitis macularius	Spotted Sandpiper	NL	NL	G5	S1B	NL	NL	LC				Tier 1	Tier 2	S Rank		
Aegolius acadicus	Northern Saw-whet Owl	NL	NL	G5	S1N	NL	NL	LC				NL	Tier 3			
Aeshna tuberculifera	Black-tipped Darner	NL	E	G4	S1	NA	NA	NA	Significant, R5			Tier 2	Tier 1	State Endangered		
Aeshna verticalis	Green-striped Darner	NL	NL	G5	S1	NA	NA	NA	Primary, R5			Tier 2	Tier 2	S Rank		
Agabetes acuductus	A Predaceous Diving Beetle	NL	NL	GNR	SU	NA	NA	NA				Tier 2	Data Needs			
Agarodes libalis	Spring-loving Psiloneuran Caddisfly	NL	NL	G3	SNR	NA	NA	NA				NL	Tier 1	G Rank		
Agkistrodon contortrix	Copperhead	NL	NL	G5	S1	Low	High	LC				Tier 2	Tier 2	S Rank		

Agnorisma bollii	A Noctuid Moth	NL	NL	G4?	S1S3	NA	NA	NA				Tier 2	Tier 2	S Rank		
Agrius cingulata	Pink-spotted Hawkmoth	NL	NL	G5	SU	NA	NA	NA				Tier 2	Data Needs		High	
Alasmidonta heterodon	Dwarf Wedgemussel	LE	E	G1G2	SH	High	V. High	VU				Tier 1	Tier 1	State Endangered		
Alasmidonta undulata	Triangle Floater	NL	E	G4	SH	High	High	LC				Tier 1	Tier 1	State Endangered		
Alasmidonta varicosa	Brook Floater	NL	E	G3	SX	High	V. High	DD				Tier 1	Extirpated	State Endangered		
Alopias superciliosus	Bigeye Thresher Shark	NL	NL	GNR	SNR	NL	NL	VU	ASMFC Managed			NL	Tier 1	IUCN		
Alopias vulpinus	Thresher Shark	NL	NL	GNR	SNR	High	Low	VU	ASMFC Managed			NL	Tier 1	IUCN		
Alosa aestivalis	Blueback Herring	SC	NL	G3G4	S5	High	High	VU	NMFS Concern, ASMFC Managed			NL	Tier 1	Federal Listing	High	

Alosa mediocris	Hickory Shad	NL	NL	G4	S2	High	High	LC				Tier 2	Tier 2	RSGCN High/High	High	
Alosa pseudoharengus	Alewife	SC	NL	G5	S4S5	High	High	LC	NMFS Concern, ASMFC Managed			NL	Tier 1	Federal Listing	High	
Alosa sapidissima	American Shad	NL	NL	G5	S4	Low	V. High	LC	ASMFC Managed			NL	Tier 2	DE Responsibility	High	
Ambystoma maculatum	Spotted Salamander	NL	NL	G5	S2	NL	NL	LC				Tier 2	Tier 2	S Rank		
Ambystoma opacum	Marbled Salamander	NL	NL	G5	S3	Low	High	LC				NL	Tier 3			
Ambystoma tigrinum	Tiger Salamander	NL	E	G5	S1	Low	V. High	LC				Tier 1	Tier 1	State Endangered	High	High
Amia calva	Bowfin	NL	NL	G5	SNA	Low	High	LC				NL	Tier 3			
Ammodramus caudacutus	Saltmarsh Sparrow	NL	NL	G4	S2B, S3N	High	V. High	VU	BCR 30 Highest			Tier 1	Tier 1	IUCN	High	High
Ammodramus henslowii	Henslow's Sparrow	NL	E	G4	S1B, S1N	Low	V. High	NT				Tier 1	Tier 1	State Endang		

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Ammodramus maritimus	Seaside Sparrow	NL	NL	G4	S4B	Low	V. High	LC				Tier 1	Tier 1	SLR, DE Responsibility	High	High
Ammodramus nelsoni	Nelson's Sparrow	NL	NL	G5	S2N	NL	NL	LC				NL	Tier 1	SLR, DE Responsibility	High	High
Ammodramus savannarum	Grasshopper Sparrow	NL	NL	G5	S4B	Low	V. High	LC	BCR 29 High			Tier 2	Tier 2	DE Responsibility	High	
Ammodytes americanus	American Sand Lance	NL	NL	G5	SNR	High	V. High	NA				NL	Tier 2	RSGCN High/V. High		
Amorpha juglandis	Walnut Sphinx	NL	NL	G5	SH	NA	NA	NA				Tier 2	Data Needs - Historical			
Amphiagrion saucium	Eastern Red Damsel	NL	NL	G5	S3	NA	NA	LC	Significant, R4			NL	Tier 3			
Amphion	Nessus	NL	NL	G5	S2S4	NA	NA	NA				NL	Tier 3			

floridensis	Sphinx															
Anas acuta	Northern Pintail	NL	NL	G5	S4N	NL	NL	LC			X	NL	Tier 2	SLR		High
Anas americana	American Wigeon	NL	NL	G5	S4N	NL	NL	LC			X	NL	Tier 2	SLR		High
Anas discors	Blue-winged Teal	NL	NL	G5	S1B	NL	NL	LC				NL	Tier 2	SLR		High
Anas platyrhynchos	Mallard	NL	NL	G5	S5B,S5N	NL	NL	LC	BCR 30 High			Tier 2	Tier 2	SLR		High
Anas rubripes	American Black Duck	NL	NL	G5	S4B, S4N	Low	V.High	LC	BCR 30 Highest, BCR 29 High			Tier 1	Tier 1	SLR, DE Responsibility	High	High
Anatrytone logan	Delaware Skipper	NL	NL	G5	S1S3	NA	NA	NA				Tier 2	Tier 2	S Rank		
Anax longipes	Comet Darner	NL	NL	G5	S3	NA	NA	LC	Significant, R4R5			Tier 2	Tier 3			
Anaxyrus fowleri	Fowler's Toad	NL	NL	G5	S5	Low	High	LC				NL	Tier 3			
Anguilla rostrata	American Eel	NL	NL	G4	S5	Low	V. High	EN	ASMFC Managed			NL	Tier 1	IUCN		

Anguispira alternata	Flamed Tigersnail	NL	NL	G5	S1S2	NA	NA	NA				Tier 2	Tier 2	S Rank		
Anguispira fergusoni	Coastal-plain Tigersnail	NL	NL	G4	S1?	NA	NA	NA				Tier 2	Tier 1	S Rank		
Anisocentropus pyraloides	A Caddisfly	NL	NL	G5	S1S2	NA	NA	NA				NL	Tier 2	S Rank		
Anodonta implicata	Alewife Floater	NL	NL	G5	S1	High	High	LC				Tier 2	Tier 2	RSGCN High/High		
Apamea helva	A Noctuid Moth	NL	NL	G5	S2S4	NA	NA	NA				NL	Tier 3			
Apeltes quadracus	Fourspine Stickleback	NL	NL	G5	S2	High	Mod.	LC				Tier 2	Tier 2	S Rank		
Aquila chrysaetos	Golden Eagle	NL	NL	G5	S1N	High	High	LC				NL	Tier 2	RSGCN High/High		
Archilestes grandis	Great Spreadwing	NL	NL	G5	S1	NA	NA	NA	Shared, R2R3			Tier 2	Tier 2	S Rank		
Ardea alba	Great Egret	NL	NL	G5	S1B	NL	NL	NA				Tier 2*	Tier 2	SLR		High
Ardea herodias	Great Blue Heron	NL	NL	G5	S3B	NL	NL	LC			X	Tier 2	Tier 3			

Arenaria interpres	Ruddy Turnstone	NL	NL	G5	S2N	Low	V. High	LC	BCR 30 Highest			Tier 1	Tier 1	SLR, DE Responsibility	High	High
Argia bipunctulata	Seepage Dancer	NL	NL	G4	S1	NA	NA	NA	Shared, R2			Tier 2	Tier 1	S Rank		High
Argia sedula	Blue-ringed Dancer	NL	NL	G5	SH	NA	NA	NA	Shared, R3			NL	Data Needs - Historical			
Argia translata	Dusky Dancer	NL	NL	G5	S2	NA	NA	NA	Shared, R4			Tier 2	Tier 2	S Rank		
Argyrostrotis quadrifilaris	Four-lined Chocolate Moth	NL	NL	G4	SH	NA	NA	NA				Tier 2	Data Needs - Historical			
Arigomphus villosipes	Unicorn Clubtail	NL	NL	G5	S3	NA	NA	NA	Primary, R5			Tier 2	Tier 3			
Asio flammeus	Short-eared Owl	NL	E†	G5	SHB, S1N	Low	V. High	LC				Tier 1	Tier 1	State Endangered		High

Asio otus	Long-eared Owl	NL	NL	G5	S1B, S1N	Low	V. High	LC				Tier 1	Tier 2	S Rank		
Asterocampa celtis	Hackberry Emperor	NL	NL	G5	S1S3	NA	NA	NA				Tier 2	Tier 2	S Rank		
Asterocampa clyton	Tawny Emperor	NL	NL	G5	S1?	NA	NA	NA				NL	Tier 2	S Rank		
Atlides halesus	Great Purple Hairstreak	NL	NL	G4G5	S1	NA	NA	NA				Tier 2	Tier 1	S Rank		
Atrytonopsis hianna	Dusted Skipper	NL	NL	G4G5	S1	NA	NA	NA				Tier 2	Tier 1	S Rank		
Autochton cellus	Gold-banded Skipper	NL	NL	G4	SH	NA	NA	NA				Tier 1	Data Needs - Historical			
Aythya affinis	Lesser Scaup	NL	NL	G5	S3N	NL	NL	LC	BCR 30 High			Tier 2	Tier 3			
Aythya americana	Redhead	NL	NL	G5	S2N	NL	NL	LC				Tier 2	Tier 3			
Aythya marila	Greater Scaup	NL	NL	G5	S3N	NL	NL	LC	BCR 30 High			Tier 2	Tier 3			

Aythya valisineria	Canvasback	NL	NL	G5	S2N	NL	NL	LC	BCR 30 High			Tier 2	Tier 3			
Azenia obtusa	Obtuse Yellow	NL	NL	G4G5	S2S3	NA	NA	NA				Tier 2	Tier 2	S Rank		
Balaenoptera borealis	Sei Whale	LE	E	G3	SNA	Low	V. High	EN				Tier 1	Tier 1	Federal Listing		
Balaenoptera musculus	Blue Whale	LE	E	G3G4	SNA	Low	V. High	EN				Tier 1	Tier 1	Federal Listing		
Balaenoptera physalus	Fin Whale	LE	E	G3G4	SNA	Low	V. High	EN				Tier 1	Tier 1	Federal Listing		
Bartramia longicauda	Upland Sandpiper	NL	E	G5	SHB, S1N	Low	V. High	LC	BCR 29 High			Tier 1	Tier 1	State Endangered		
Basiaeschna janata	Springtime Darner	NL	NL	G5	S3	NA	NA	NA	Signifcant, R5			NL	Tier 3			
Battus philenor	Pipevine Swallowtail	NL	NL	G5	S2	NA	NA	NA				Tier 2	Tier 2	S Rank		
Bellura gortynoides	A Noctuid Moth	NL	NL	G4	SU	NA	NA	NA				Tier 2	Data Needs			
Beraea fontana	A Caddisfly	NL	NL	G3	SNR	NA	NA	NA				NL	Tier 1	G Rank		
Beraea nigritta	A Caddisfly	NL	NL	G2G3	S1	NA	NA	NA				NL	Tier 1	G Rank		

Boloria bellona	Meadow Fritillary	NL	NL	G5	SU	NA	NA	NA				Tier 2	Data Needs			
Boloria selene myrina	Myrina Fritillary	NL	NL	G5T5	S1	NA	NA	NA				Tier 2	Tier 2	S Rank		
Bombus affinis	Rusty-patched Bumble Bee	NL	NL	G1	SNR	NA	NA	CR				NL	Tier 1	G Rank		
Bombus ashtoni	Ashton's Cuckoo Bumble Bee	NL	NL	GH	SNR	NA	NA	NA				NL	Data Needs	G Rank		
Bombus auricomus	Black and Gold Bumble Bee	NL	NL	G4G5	SNR	NA	NA	LC			X	NL	Tier 2	Expert		
Bombus fraternus	Southern Plains Bumble Bee	NL	NL	G4	SNR	NA	NA	EN			X	NL	Tier 1	IUCN		
Bombus pensylvanicus	American Bumble Bee	NL	NL	G3G4	SNR	NA	NA	NA				NL	Tier 1	G Rank		
Bombus vagans	Half-black Bumble Bee	NL	NL	G4?	SNR	NA	NA	LC			X	NL	Tier 2	Expert		
Bombus variabilis	Variable Cuckoo	NL	NL	GU	SNR	NA	NA	NA			X	NL	Data Needs			

	Bumble Bee															
Bonasa umbellus	Ruffed Grouse	NL	NL	G5	SX	Low	High	LC	BCR 29 High			Tier 2	Extirpated			
Botaurus lentiginosus	American Bittern	NL	NL	G4	S1B	Low	V. High	LC				Tier 2	Tier 1	S Rank		High
Boyeria vinosa	Fawn Darner	NL	NL	G5	S4	NA	NA	NA	Significant, R5			NL	Tier 3			
Brachymesia gravida	Four-spotted Pennant	NL	NL	G5	S1	NA	NA	LC	Shared, R4			Tier 2	Tier 2	S Rank		
Branta bernicla	Brant	NL	NL	G5	S3N	NL	NL	LC	BCR 30 Highest			Tier 2	Tier 2	SLR		High
Branta canadensis	Canada Goose (Atlantic Migratory Population Only)	NL	NL	G5	S5B, S5N	NL	NL	LC	BCR 30 Highest, BCR 29 High			Tier 1	Tier 1	SLR, DE Responsibility	High	High
Brevoortia tyrannus	Atlantic Menhaden	NL	NL	G5	SNR	NL	NL	NA	ASMFC Managed			NL	Tier 2	DE Responsibility	High	
Bubulcus ibis	Cattle Egret	NL	NL	G5	S1B	Low	V. High	LC				Tier 2	Tier 1	SLR, DE Respons	High	High

														ibility		
Bucephala albeola	Bufflehead	NL	NL	G5	S4N	NL	NL	LC	BCR 30 High			Tier 2	Tier 3			
Bucephala clangula	Common Goldeneye	NL	NL	G5	S2N	NL	NL	LC				NL	Tier 3			
Busycon carica	Knobbed Whelk	NL	NL	GNR	SNR	NA	NA	NA			X	NL	Tier 3			
Busycotypus canaliculatus	Channeled Whelk	NL	NL	GNR	SNR	NA	NA	NA			X	NL	Tier 3			
Buteo lagopus	Rough-legged Hawk	NL	NL	G5	S1N	NL	NL	LC				NL	Tier 3			
Buteo lineatus	Red-shouldered Hawk	NL	NL	G5	S3B,S3N	Low	High	LC				Tier 2	Tier 3			
Buteo platypterus	Broad-winged Hawk	NL	E†	G5	S1B	Low	High	LC	BCR 30 High			Tier 1	Tier 1	State Endangered	High	
Calidris alba	Sanderling	NL	NL	G5	S2N	Low	High	LC	BCR 30 Highest			Tier 1	Tier 1	SLR, DE Responsibility	High	High
Calidris alpina	Dunlin	NL	NL	G5	S3N	NL	NL	LC	BCR 30			Tier 2	Tier 1	SLR,	High	High

									High					DE Responsibility		
Calidris canutus	Red Knot	LT***	E	G4	S1M	High	V. High	LC	BCR 30 Highest			Tier 1	Tier 1	Federal Listing	High	
Calidris fuscicollis	White-rumped Sandpiper	NL	NL	G5	SNA	NL	NL	LC	BCR 30 High			Tier 2	Tier 2	SLR		High
Calidris maritima	Purple Sandpiper	NL	NL	G5	S1N	Low	V. High	LC	BCR 30 High			Tier 2	Tier 2	SLR		High
Calidris melanotos	Pectoral Sandpiper	NL	NL	G5	S1N	NL	NL	LC				NL	Tier 3			
Calidris pusilla	Semipalmated Sandpiper	NL	NL	G5	S3N	Low	High	NT	BCR 30 High			Tier 2	Tier 1	SLR, DE Responsibility	High	High
Callinectes sapidus	Blue Crab	NL	NL	GNR	SNR	NA	NA	NA	ASMFC Managed			Tier 1	Tier 2	DE Responsibility	High	
Callophrys augustinus	Brown Elfin	NL	NL	G5	SU	NA	NA	NA				Tier 2	Data Needs			
Callophrys	Juniper	NL	NL	G5	S2	NA	NA	NA				Tier 2	Tier 2	S Rank		

gryneus	Hairstreak															
Callophrys henrici	Henry's Elfin	NL	NL	G5	SU	NA	NA	NA				Tier 2	Data Needs			
Callophrys hesseli	Hessel's Hairstreak	NL	E	G3G4	S1	NA	NA	NA				Tier 1	Tier 1	State Endangered		
Callophrys irus	Frosted Elfin	NL	E	G3	S1	NA	NA	NA				Tier 1	Tier 1	State Endangered		
Calopteryx dimidiata	Sparkling Jewelwing	NL	NL	G5	S2	NA	NA	NA	Shared, R2R3			NL	Tier 2	S Rank		
Calyptra canadensis	Canadian Owlet	NL	NL	G5	S1S2	NA	NA	NA				Tier 2	Tier 2	S Rank		
Caprimulgus carolinensis	Chuck-will's-widow	NL	NL	G5	S2B	Low	High	LC				NL	Tier 2	DE Responsibility	High	
Caprimulgus vociferus	Eastern Whip-poor-will	NL	NL	G5	S2B	NL	NL	LC	BCR 30 High, BCR 29 Highest			Tier 2	Tier 2	S Rank		
Capsula subflava	A Noctuid Moth	NL	NL	G4	SU	NA	NA	NA				Tier 2	Data Needs			

Carcharhinus brevipinna	Spinner Shark	NL	NL	GNR	SNR	NL	NL	NT	ASMFC Managed			NL	Tier 2	IUCN		
Carcharhinus falciformis	Silky Shark	NL	NL	GNR	SNR	NL	NL	NT	ASMFC Managed			NL	Tier 2	IUCN		
Carcharhinus isodon	Finetooth Shark	NL	NL	GNR	SNR	NL	NL	LC	ASMFC Managed			NL	Tier 3			
Carcharhinus leucas	Bull Shark	NL	NL	G5	SNR	NL	NL	NT	ASMFC Managed			NL	Tier 2	IUCN		
Carcharhinus limbatus	Blacktip Shark	NL	NL	GNR	SNR	NL	NL	NT	ASMFC Managed			NL	Tier 2	IUCN		
Carcharhinus longimanus	Oceanic Whitetip Shark	NL	NL	GNR	SNR	NL	NL	VU	ASMFC Managed			NL	Tier 1	IUCN		
Carcharhinus obscurus	Dusky Shark	SC**	NL	G3G4	SNR	NL	NL	VU	NMFS Concern, ASMFC Managed			Tier 2	Tier 1	Federal Listing		
Carcharhinus plumbeus	Sandbar Shark	NL	NL	GNR	SNR	NL	NL	VU	ASMFC Managed			NL	Tier 1	IUCN	High	
Carcharhinus signatus	Night Shark	NL	NL	G3	SNR	NL	NL	VU	ASMFC Managed			NL	Tier 1	G Rank		
Carcharias	Sand Tiger	SC	NL	G3G4	SNR	NL	NL	VU	NMFS			NL	Tier 1	Federal	High	

taurus									Concern, ASMFC Managed					Listing		
Carcharodon carcharias	White Shark	NL	NL	GNR	SNR	NL	NL	VU	ASMFC Managed			Tier 2	Tier 1	IUCN		
Cardellina canadensis	Canada Warbler	NL	NL	G5	SNA	Low	V. High	LC				Tier 2*	Tier 3			
Caretta caretta	Loggerhead	LT**	E	G3	SNA	Low	V. High	EN				Tier 1	Tier 1	Federal Listing	High	
Caripeta aretaria	A Geometrid Moth	NL	NL	G4	S1S3	NA	NA	NA				Tier 2	Tier 2	S Rank	High	
Carpodacus purpureus	Purple Finch	NL	NL	G5	S2N	NL	NL	LC				NL	Tier 3			
Carychium exiguum	Obese Thorn	NL	NL	G5	S1	NA	NA	NA				Tier 2	Tier 2	S Rank		
Catharus bicknelli	Bicknell's Thrush	NL	NL	G4	SNA	High	V. High	VU	BCR 30 High			Tier 1	Tier 1	IUCN		
Catharus fuscescens	Veery	NL	NL	G5	S2B	Low	High	LC				Tier 2	Tier 2	S Rank		
Catinella hubrichti	Snowhill Ambersnail	NL	NL	G3	SNR	NA	NA	NA				NL	Tier 1	G Rank		

Catocala alabamae	Alabama Underwing	NL	NL	G4	S1S2	NA	NA	NA				Tier 2	Tier 1	S Rank		
Catocala antinympha	Sweetfern Underwing	NL	NL	G5	SH	NA	NA	NA				Tier 1	Data Needs - Historical			
Catocala carissima	An Underwing Moth	NL	NL	G5	S1?	NA	NA	NA				Tier 1	Tier 2	S Rank	High	
Catocala cerogama	Yellow Banded Underwing	NL	NL	G5	SH	NA	NA	NA				Tier 2	Data Needs - Historical			
Catocala dejecta	Dejected Underwing	NL	NL	G4	S1	NA	NA	NA				NL	Tier 1	S Rank		
Catocala flebilis	Mournful Underwing	NL	NL	G5	S1S3	NA	NA	NA				Tier 2	Tier 2	S Rank		
Catocala habilis	Habilis Underwing	NL	NL	G5	S1	NA	NA	NA				NL	Tier 2	S Rank		
Catocala innubens	The Betrothed	NL	NL	G5	S2S4	NA	NA	NA				NL	Tier 3			

	Underwing															
Catocala insolabilis	Inconsolable Underwing	NL	NL	G5	SH	NA	NA	NA				Tier 2	Data Needs - Historical			
Catocala lacrymosa	Tearful Underwing	NL	NL	G5	S1S2	NA	NA	NA				Tier 1	Tier 2	S Rank	High	
Catocala maestosa	Sad Underwing	NL	NL	G5	S1S3	NA	NA	NA				Tier 2	Tier 2	DE Responsibility	High	
Catocala marmorata	Marbled Underwing	NL	E	G3G4	S1	NA	NA	NA				Tier 1	Tier 1	State Endangered	High	
Catocala minuta	Little Underwing	NL	NL	G5	SH	NA	NA	NA				Tier 2	Data Needs - Historical			
Catocala mira	Wonderful Underwing	NL	NL	G5	S1	NA	NA	NA				NL	Tier 2	S Rank		
Catocala nebulosa	Clouded Underwing	NL	NL	G5	S1	NA	NA	NA				Tier 1	Tier 2	S Rank	High	

Catocala obscura	Obscure Underwing	NL	NL	G5	S1	NA	NA	NA				NL	Tier 2	S Rank		
Catocala parta	Mother Underwing	NL	NL	G5	SH	NA	NA	NA				Tier 2	Data Needs - Historical			
Catocala praeclara	Praeclara Underwing	NL	NL	G5	S1S2	NA	NA	NA				Tier 2	Tier 2	S Rank		
Catocala residua	Residua Underwing	NL	NL	G5	S1	NA	NA	NA				Tier 2	Tier 2	S Rank		
Catocala ulalume	An Underwing Moth	NL	E	G4	S1	NA	NA	NA		X		NL	Tier 1	State Endangered	High	
Catocala umbrosa	An Underwing Moth	NL	NL	G5	S1	NA	NA	NA				NL	Tier 2	S Rank		
Catocala unijuga	Once-married Underwing	NL	NL	G5	SH	NA	NA	NA				Tier 2	Data Needs - Historical			
Celastrina	Appalachian	NL	NL	G4	S1	NA	NA	NA				NL	Tier 1	S Rank		High

neglectamajor	Azure															
Celithemis elisa	Calico Pennant	NL	NL	G5	S4	NA	NA	LC	Significant, R5			NL	Tier 3			
Celithemis fasciata	Banded Pennant	NL	NL	G5	SH	NA	NA	NA	Shared, R3R4			Tier 2	Data Needs - Historical			
Celithemis martha	Martha's Pennant	NL	Nl	G4	SH	NA	NA	LC	Primary, R3			NL	Data Needs - Historical	S Rank		
Celithemis verna	Double-ringed Pennant	NL	NL	G5	S1	NA	NA	NA	Shared, R4			Tier 2	Tier 2	S Rank		
Cemophora coccinea	Scarletsnake	NL	E	G5	SH	NL	NL	LC				Tier 1	Tier 1	State Endangered	High	
Centropristis striata	Black Sea Bass	NL	NL	GNR	SNR	NL	NL	LC	ASMFC Managed			NL	Tier 2	DE Responsibility	High	
Ceratomia	Waved	NL	NL	G5	SH	NA	NA	NA				Tier 2	Data			

undulosa	Sphinx												Needs - Historical			
Certhia americana	Brown Creeper	NL	NL	G5	S1B,S4N	Low	High	LC				Tier 1	Tier 2	S Rank		
Cerura scitiscripta	Black-Etched Prominent	NL	NL	G5	SH	NA	NA	NA				Tier 2	Data Needs - Historical			
Cetorhinus maximus	Basking Shark	NL	NL	GNR	SNR	NL	NL	VU	ASMFC Managed			Tier 2	Tier 1	IUCN		
Chaetura pelagica	Chimney Swift	NL	NL	G5	S3B	Low	High	NT	BCR 30 High, BCR 29 High			Tier 2	Tier 2	IUCN		
Charadrius melodus	Piping Plover	LT**	E	G3	S1B, S1N	High	V. High	NT	BCR 30 Highest			Tier 1	Tier 1	Federal Listing		High
Chelonia mydas	Green Turtle	LT	E	G3	SNA	Low	V. High	EN				Tier 1	Tier 1	Federal Listing		
Cheumatopsyche virginica	A Caddisfly	NL	NL	G5	S1	NA	NA	NA				NL	Tier 2	S Rank		

Cheumatopsyche wabasha	A Caddisfly	NL	NL	G4G5	S1S2	NA	NA	NA				NL	Tier 1	S Rank		
Chlidonias niger	Black Tern	NL	NL	G4	S1N	Low	V. High	LC				Tier 2	Tier 2	SLR		High
Chloropteryx tepperaria	Angle Winged Emerald Moth	NL	NL	G4	S2?	NA	NA	NA				Tier 2	Tier 2	S Rank		
Chordeiles minor	Common Nighthawk	NL	NL	G5	S1B	Low	V. High	LC				Tier 1	Tier 2	SLR		High
Chromagrion conditum	Aurora Damsel	NL	NL	G5	S1	NA	NA	NA	Significant, R5			NL	Tier 2	S Rank		
Cicindela dorsalis	Eastern Beach Tiger Beetle	LT***	E	G3G4	SH	High	Very High	NA				Tier 2	Tier 1	Federally Listed		High
Cicindela dorsalis media	White Tiger Beetle	NL	NL	G4T3T4	SU	Low	High	NA				Tier 1	Tier 1	G Rank		High
Cicindela duodecimguttata	Twelve-spotted Tiger Beetle	NL	NL	G5	SU	NL	NL	NA				Tier 2	Data Needs			
Cicindela formosa generosa	Big Sand Tiger Beetle	NL	NL	G5T5	SU	NL	NL	NA				Tier 2	Data Needs			High

Cicindela hirticollis	Hairy-necked Tiger Beetle	NL	NL	G5	S2	NL	NL	NA				Tier 2	Tier 2	S Rank		
Cicindela lepida	Ghost Tiger Beetle	NL	E	G3G4	S1	Low	High	NA				Tier 1	Tier 1	G Rank		High
Cicindela marginata	Margined Tiger Beetle	NL	NL	G5	S1	NL	NL	NA				Tier 2	Tier 2	S Rank		
Cicindela patruela	Northern Barrens Tiger Beetle	NL	NL	G3	SH	Low	High	NA				Tier 2	Tier 1	G Rank		High
Cicindela patruela consentanea	New Jersey Pine Barrens Tiger Beetle	NL	NL	G3T1T3	SX	High	High	NA				Tier 1	Extirpated	G Rank		High
Cicindela purpurea	Cow Path Tiger Beetle	NL	NL	G5	SU	NL	NL	NA				Tier 2	Data Needs			
Cicindela rufiventris	Eastern Red-bellied Tiger Beetle	NL	NL	G5	SU	NL	NL	NA				Tier 1	Data Needs			
Cicindela scutellaris	Festive Tiger Beetle	NL	NL	G5	S1	NL	NL	NA				Tier 2	Tier 2	S Rank		
Cicindela unipunctata	One-spotted Tiger Beetle	NL	NL	G4G5	S2?	Low	High	NA				Tier 2	Tier 2	Climate Change		High

Circus cyaneus	Northern Harrier	NL	E†	G5	S1B,S4N	Low	V. High	LC				Tier 1	Tier 1	State Endangered		High
Cirrhophanus triangulifer	A Noctuid Moth	NL	NL	G4	S2S3	NA	NA	NA				Tier 2	Tier 2	S Rank		
Cisthene kentuckiensis	Kentucky Lichen Moth	NL	NL	G4	SH	NA	NA	NA				Tier 2	Data Needs - Historical			High
Cisthene tenuifascia	Thin-Banded Lichen Moth	NL	NL	G5	SH	NA	NA	NA				Tier 2	Data Needs - Historical			High
Cistothorus palustris	Marsh Wren	NL	NL	G5	S4B	Low	High	LC	BCR 30 High			Tier 2	Tier 2	SLR		High
Cistothorus platensis	Sedge Wren	NL	E	G5	S1B	Low	V. High	LC				Tier 1	Tier 1	State Endangered		
Clangula hyemalis	Long-tailed Duck	NL	NL	G5	S3N	NL	NL	VU	BCR 30 High			Tier 2	Tier 1	IUCN		
Clemmys guttata	Spotted	NL	NL	G5	S3	Low	V.	EN				Tier 1	Tier 1	IUCN		

	Turtle						High									
Clupea harengus	Atlantic Herring	NL	NL	GNR	SNR	High	Low	LC	ASMFC Managed			NL	Tier 3			
Coccyzus erythropthalmus	Black-billed Cuckoo	NL	NL	G5	S1B	Low	V. High	LC				Tier 2	Tier 2	S Rank		
Colaptes auratus	Northern Flicker	NL	NL	G5	S5	NL	NL	LC	BCR 30 High			Tier 2	Tier 3			
Colinus virginianus	Northern Bobwhite	NL	NL	G5	S3	Low	V. High	NT	BCR 30 High, BCR 29 Highest			Tier 2	Tier 2	IUCN	High	
Colletes aestivalis	A Cellophane Bee	NL	NL	GNR	SNR	NA	NA	NA			X	NL	Tier 1	Expert		
Condylura cristata	Star-nosed Mole	NL	NL	G5	S4	High	Low	LC				NL	Tier 3			
Contopus cooperi	Olive-sided Flycatcher	NL	NL	G4	SNA	Low	V. High	NT				NL	Tier 2	IUCN		
Copivaleria grotei	Grote's Sallow	NL	NL	G5	SH	NA	NA	NA				Tier 2	Data Needs - Histor			

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Cordulegaster bilineata	Brown Spiketail	NL	E	G5	S1	NA	NA	NA	Significant, R2R3			Tier 2	Tier 1	State Endangered		
Cordulegaster diastatops	Delta-spotted Spiketail	NL	NL	G5	S1	NA	NA	NA	Primary, R4			NL	Tier 2	S Rank		
Cordulegaster erronea	Tiger Spiketail	NL	NL	G4	S1	NA	NA	NA	Primary, R2R3			Tier 2	Tier 1	S Rank		
Cordulegaster maculata	Twin-spotted Spiketail	NL	NL	G5	S3	NA	NA	NA	Significant, R5			NL	Tier 3			
Cottus bairdii	Mottled Sculpin	NL	NL	G5	S1	NL	NL	LC				NL	Tier 2	S Rank		
Cottus caeruleomentum	Blue Ridge Sculpin	NL	E	G4	S1	High	Low	LC				Tier 1	Tier 1	State Endangered		
Crassostrea virginica	American Oyster	NL	NL	G5	SNR	NA	NA	NA			X	Tier 1	Tier 2	SLR		High
Cryptotis parva	North American Least Shrew	NL	NL	G5	SNR	Low	V. High	LC				Tier 2	Tier 3			
Cygnus	Tundra Swan	NL	NL	G5	S3N	NL	NL	LC	BCR 30			Tier 2	Tier 2	SLR		High

columbianus									High							
Cynoscion nebulosus	Spotted Seatrout	NL	NL	G5	SNR	NL	NL	LC	ASMFC Managed			NL	Tier 3			
Cynoscion regalis	Weakfish	NL	NL	GNR	SNR	NL	NL	NA	ASMFC Managed			NL	Tier 2	DE Responsibility	High	
Cyprinella analostana	Satinfin Shiner	NL	NL	G5	S4	High	Low	LC				NL	Tier 3			
Danaus plexippus	Monarch	NL	NL	G5	S5	NA	NA	NA			X	NL	Tier 1	Expert		
Darapsa versicolor	Hydrangea Sphinx	NL	NL	G4	S1S3	NA	NA	NA				Tier 2	Tier 2	S Rank		
Dasyatis centroura	Roughtail Stingray	NL	NL	GNR	SNR	High	Mod.	LC				NL	Tier 3			
Deidamia inscriptum	Lettered Sphinx	NL	NL	G5	SH	NA	NA	NA				Tier 2	Data Needs - Historical			
Dermochelys coriacea	Leatherback	LE	E	G2	SNA	Low	V. High	VU				Tier 1	Tier 1	Federal Listing		
Desmognathus fuscus	Northern Dusky	NL	NL	G5	S5	High	Low	LC				NL	Tier 3			

	Salamander															
Didymops transversa	Stream Cruiser	NL	NL	G5	S4	NA	NA	NA	Significant, R5			NL	Tier 3			
Discus catskillensis	Angular Disc	NL	NL	G5	S1	NA	NA	NA				Tier 2	Tier 2	S Rank		High
Dolba hyloeus	Pawpaw Sphinx	NL	NL	G5	SH	NA	NA	NA				Tier 2	Data Needs - Historical			
Dolichonyx oryzivorus	Bobolink	NL	NL	G5	S1B, S3N	Low	V. High	LC				Tier 2	Tier 2	S Rank		
Drasteria graphica	Graphic Moth	NL	NL	G4	S1	NA	NA	NA				Tier 2	Tier 1	S Rank		High
Dromogomphus spinosus	Black-shouldered Spinyleg	NL	NL	G5	S2S3	NA	NA	LC	Significant, R5			Tier 2	Tier 2	S Rank		
Eacles imperialis	Imperial Moth	NL	NL	G5	SU	NA	NA	NA				NL	Data Needs			
Egretta caerulea	Little Blue Heron	NL	NL	G5	S1B	Low	V. High	LC				Tier 2	Tier 2	SLR		High
Egretta thula	Snowy Egret	NL	NL	G5	S1B	Low	V.	LC				Tier 2	Tier 1	SLR,	High	High

							High							DE Responsibility		
Egretta tricolor	Tricolored Heron	NL	NL	G5	S1B	Low	V. High	LC				Tier 2	Tier 1	SLR, DE Responsibility	High	High
Elliptio complanata	Eastern Elliptio	NL	NL	G5	SNR	NL	NL	LC			X	NL	Tier 2	SLR		High
Elliptio fisheriana	Northern Lance	NL	NL	G4	S2	High	V. High	LC				Tier 2	Tier 2	RSGCN High/High		
Empidonax minimus	Least Flycatcher	NL	NL	G5	SHB	NL	NL	LC				Tier 2	Data Needs - Historical			
Empidonax traillii	Willow Flycatcher	NL	NL	G5	S3B	Low	High	LC	BCR 30 High			Tier 2	Tier 2	SLR		High
Empidonax virescens	Acadian Flycatcher	NL	NL	G5	S5B	Low	High	LC				NL	Tier 3			
Enallagma aspersum	Azure Bluet	NL	NL	G5	S4	NA	NA	NA	Significant, R5			NL	Tier 3			

Enallagma basidens	Double-striped Bluet	NL	NL	G5	S1	NA	NA	NA	Shared, R3R4			NL	Tier 2	S Rank		
Enallagma daeckii	Attenuated Bluet	NL	NL	G4	S2	NA	NA	NA	Shared, R3R4			NL	Tier 2			
Enallagma divagans	Turquoise Bluet	NL	NL	G5	S4	NA	NA	NA	Significant, R4R5			NL	Tier 3			
Enallagma dubium	Burgundy Bluet	NL	E	G5	S1	NA	NA	LC	Shared, R3			Tier 2	Tier 1	State Endangered		
Enallagma durum	Big Bluet	NL	NL	G5	S2	NA	NA	NA	Significant, R4			Tier 2	Tier 2	S Rank		
Enallagma geminatum	Skimming Bluet	NL	NL	G5	S4	NA	NA	NA	Significant, R5			NL	Tier 3			
Enallagma pallidum	Pale Bluet	NL	E	G4	S1	NA	NA	NA	Shared, R2			Tier 2	Tier 1	State Endangered		
Enallagma traviatum	Slender Bluet	NL	NL	G5	S3	NA	NA	LC	Significant, R5			NL	Tier 3			
Enallagma vesperum	Vesper Bluet	NL	NL	G5	S2	NA	NA	NA	Significant, R5			Tier 2	Tier 2	S Rank		
Enallagma weewa	Blackwater Bluet	NL	NL	G5	S2	NA	NA	NA	Shared, R3			Tier 2	Tier 2	S Rank		

Enneacanthus chaetodon	Blackbanded Sunfish	NL	E	G3G4	S2	Low	V. High	NT	AFS 2008			Tier 2	Tier 1	State Endangered		High
Enneacanthus obesus	Banded Sunfish	NL	NL	G5	S2	High	V. High	LC				Tier 2	Tier 2	RSGCN High/V. High		
Epitheca costalis	Slender Baskettail	NL	NL	G5	S1	NA	NA	NA	Shared, R3			Tier 2	Tier 2	S Rank		
Epitheca spinosa	Robust Baskettail	NL	NL	G4	S1	NA	NA	NA	Significant, R3			Tier 2	Tier 1	S Rank		
Eptesicus fuscus	Big Brown Bat	NL	NL	G5	S5	Low	High	LC				NL	Tier 3			
Eremophila alpestris	Horned Lark	NL	NL	G5	S4B, S5N	Low	High	LC				NL	Tier 2	DE Responsibility	High	
Eretmochelys imbricata	Hawksbill	LE	NL	G3	SNA	Low	V.High	CR				Tier 2*	Tier 1	Federal Listing		
Erynnis baptisiae	Wild Indigo Duskywing	NL	NL	G5	SU	NA	NA	NA				Tier 2	Data Needs			
Erynnis brizo brizo	Sleepy Duskywing	NL	NL	G5T5	SU	NA	NA	NA				Tier 2	Data Needs			
Erynnis icelus	Dreamy	NL	NL	G5	SU	NA	NA	NA				Tier 2	Data			

	Duskywing												Needs			
Erynnis martialis	Mottled Duskywing	NL	NL	G3	SH	NA	NA	NA				Tier 2	Tier 1	G Rank		
Erythrodiplax berenice	Seaside Dragonlet	NL	NL	G5	S5	NA	NA	NA	Significant, R3			NL	Tier 2	SLR		
Erythrodiplax minuscula	Little Blue Dragonlet	NL	NL	G5	S1	NA	NA	NA	Shared, R3			NL	Tier 2	S Rank		
Etheostoma fusiforme	Swamp Darter	NL	NL	G5	S4	Low	High	LC				NL	Tier 3			
Etheostoma vitreum	Glassy Darter	NL	E	G4G5	S1	High	High	LC				Tier 2	Tier 1	State Endangered		
Eubalaena glacialis	North Atlantic Right Whale	LE	E	G1	SXB	Low	V. High	EN				Tier 1	Tier 1	Federal Listing		
Euconulus dentatus	Toothed Hive	NL	NL	G5	S1?	NA	NA	NA				Tier 2	Tier 2	S Rank		
Euphagus carolinus	Rusty Blackbird	NL	NL	G4	S1N	Low	V. High	VU	BCR 30 High, BCR 29 High			NL	Tier 1	IUCN		
Euphydryas	Baltimore	NL	E	G4	S1	NA	NA	NA				Tier 2	Tier 1	State		High

phaeton	Checkerspot													Endangered		
Euphyes conspicua	Black Dash	NL	E	G4	S1	NA	NA	NA				Tier 1	Tier 1	State Endangered		
Euphyes dion	Dion Skipper	NL	NL	G4	S1	NA	NA	NA				Tier 2	Tier 1	S Rank		High
Eurycea bislineata	Northern Two-lined Salamander	NL	NL	G5	S5	High	Low	LC				NL	Tier 3			
Eurycea longicauda	Longtail Salamander	NL	NL	G5	S1	High	High	LC				Tier 2	Tier 2	Climate		High
Exoglossum maxillingua	Cutlip Minnow	NL	NL	G5	S4	High	Low	LC				NL	Tier 3			
Exyra fax	Pitcher Plant Moth	NL	NL	G4	S1	NA	NA	NA	High, High			Tier 1	Tier 1	S Rank		
Falco columbarius	Merlin	NL	NL	G5	S2N	#N/A	#N/A	LC				NL	Tier 3			
Falco peregrinus	Peregrine Falcon	NL	NL	G4	S1B, S3N	High	V. High	LC				Tier 2	Tier 1	S Rank		
Falco sparverius	American Kestrel	NL	E	G5	S2B, S3N	Low	High	LC				NL	Tier 1	State Endang		

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Feniseca tarquinius	Harvester	NL	NL	G4	S1	NA	NA	NA				Tier 2	Tier 1	S Rank		
Fundulus heteroclitus	Mummichog	NL	NL	G5	S5	High	Low	LC				NL	Tier 3			
Fundulus luciae	Spotfin Killifish	NL	NL	G4	S3	High	V. High	LC				NL	Tier 2	RSGCN High/V. High		
Fundulus majalis	Striped Killifish	NL	NL	G5	S5	High	Low	NA				NL	Tier 3			
Galeocerdo cuvier	Tiger Shark	NL	NL	GNR	SNR	NL	NL	NT	ASMFC Managed			NL	Tier 2	IUCN		
Gallinago delicata	Wilson's Snipe	NL	NL	G5	S3N	Low	High	LC				NL	Tier 3			
Gastrocopta armifera	Armed Snaggletooth	NL	NL	G5	S1S2	NA	NA	NA				Tier 2	Tier 2	S Rank		
Gavia immer	Common Loon	NL	NL	G5	S4N	Low	V. High	LC				NL	Tier 3			
Gavia stellata	Red-throated Loon	NL	NL	G5	S4N	NL	NL	LC	BCR 30 Highest			Tier 2	Tier 2	DE Responsibility	High	

Gelochelidon nilotica	Gull-billed Tern	NL	NL	G5	SHB, S1N	Low	V. High	LC	BCR 30 Highest			Tier 2	Tier 2	S Rank		High
Geothlypis formosa	Kentucky Warbler	NL	NL	G5	S3B	Low	V. High	LC	BCR 30 High			Tier 2	Tier 3			
Geukensia demissa	Ribbed Mussel	NL	NL	GNR	SNR	NA	NA	NA			X	NL	Tier 2	SLR		High
Ginglymostoma cirratum	Nurse Shark	NL	NL	GNR	SNR	NL	NL	DD	ASMFC Managed			NL	Data Needs			
Gluphisia lintneri	A Notodontid Moth	NL	NL	G4G5	SH	NA	NA	NA				Tier 2	Data Needs - Historical			
Glyphyalinia picea	Rust Glyph	NL	NL	G3	SNR	NA	NA	NA				NL	Tier 1	G Rank		
Glyptemys muhlenbergii	Bog Turtle	LT**	E	G3	S1	High	V. High	CR				Tier 1	Tier 1	Federal Listing		
Gomphaeschna antilope	Taper-tailed Darner	NL	E	G4	S1	NA	NA	NA	Shared, R2R3			Tier 2	Tier 1	State Endangered		
Gomphaeschna furcillata	Harlequin Darner	NL	NL	G5	S2	NA	NA	LC	Primary, R4R5			Tier 2	Tier 2	S Rank		

Gomphus apomyius	Banner Clubtail	NL	E	G3G4	S1	NA	NA	NA	Shared, R1			Tier 2	Tier 1	State Endangered		
Gomphus exilis	Lancet Clubtail	NL	NL	G5	S5	NA	NA	LC	Significant, R5			NL	Tier 3			
Gomphus fraternus	Midland Clubtail	NL	E	G5	S1	NA	NA	NA	Shared, R4			Tier 1	Tier 1	State Endangered		
Gomphus lividus	Ashy Clubtail	NL	NL	G5	S4	NA	NA	NA	Significant, R5			NL	Tier 3			
Gomphus rogersi	Sable Clubtail	NL	E	G4	S1	NA	NA	NA	Primary, R2R3			Tier 2	Tier 1	State Endangered		
Grammia phyllira	Phyllira Tiger Moth	NL	NL	G4	SH	NA	NA	NA				Tier 2	Data Needs - Historical			
Gyraulus deflectus	Flexed Gyro	NL	NL	G5	SNR	NA	NA	NA			X	NL	Tier 3			
Hadena ectypa	A Noctuid Moth	NL	NL	G3G4	SH	NA	NA	NA	High, V. High			Tier 1	Tier 1	G Rank		

Haematopus palliatus	American Oystercatcher	NL	E	G5	S1B	Low	V. High	LC	BCR 30 Highest			Tier 1	Tier 1	State Endangered		High
Haliaeetus leucocephalus	Bald Eagle	NL	NL	G5	S3B, S4N	NL	NL	LC			X	Tier 1	Tier 3			
Haploa colona	Colona Moth	NL	NL	G4G5	SH	NA	NA	NA				Tier 2	Data Needs - Historical			
Haplotrema concavum	Gray-foot Lancetooth	NL	NL	G5	S1	NA	NA	NA				Tier 2	Tier 2	S Rank		
Helicopsyche borealis	A Caddisfly	NL	NL	G5	S1?	NA	NA	NA				NL	Tier 2	S Rank		
Helmitheros vermivorum	Worm-eating Warbler	NL	NL	G5	S3B	Low	V. High	LC	BCR 30 High			Tier 2	Tier 3			
Helocombus bifidus	A Water-scavenger Beetle	NL	NL	GNR	SU	NA	NA	NA				Tier 2	Data Needs			
Helocordulia selysii	Selys' Sundragon	NL	E	G4	S1	NA	NA	NA	Shared, R2			Tier 2	Tier 1	State Endangered		

Hemidactylium scutatum	Four-toed Salamander	NL	NL	G5	S1	NL	NL	LC				Tier 2	Tier 2	S Rank		
Hemileuca maia maia	Eastern Buckmoth	NL	NL	G5T5	SU	NA	NA	NA				Tier 2	Data Needs			High
Hemitripterus americanus	Sea Raven	NL	NL	GNR	SNR	High	Low	NA				NL	Tier 3			
Heptranchias perlo	Sharpnose Sevengill Shark	NL	NL	GNR	SNR	NL	NL	NT	ASMFC Managed			NL	Tier 2	IUCN		
Hesperia metea	Cobweb Skipper	NL	NL	G4	S1	NA	NA	NA				Tier 2	Tier 1	S Rank		
Hesperia sassacus	Indian Skipper	NL	NL	G4G5	SU	NA	NA	NA				Tier 2	Data Needs			
Heterocampa astarte	A Notodontid Moth	NL	NL	G4G5	SH	NA	NA	NA				Tier 2	Data Needs - Historical			
Heterodon platirhinos	Eastern Hog-nosed Snake	NL	NL	G5	S4	Low	V. High	LC				Tier 2	Tier 3			
Hexanchus griseus	Bluntnose Sixgill Shark	NL	NL	GNR	SNR	NL	NL	NT	ASMFC Managed			NL	Tier 2	IUCN		

Himantopus mexicanus	Black-necked Stilt	NL	NL	G5	S2B	NL	NL	LC				Tier 2	Tier 1	SLR, DE Responsibility	High	High
Homarus americanus	American Lobster	NL	NL	GNR	SNR	NA	NA	LC	ASMFC Managed			NL	Tier 3			
Hoperius planatus	A Predaceous Diving Beetle	NL	NL	GNR	S1	NA	NA	NA				Tier 2	Tier 1	DE Responsibility, SLR	High	High
Hybognathus regius	Eastern Silvery Minnow	NL	NL	G5	S4	High	Low	LC				NL	Tier 3			
Hydrochus spangleri	Seth Forest Water Scavenger Beetle	NL	E	G1	S1	NA	NA	NA		X		Tier 1	Tier 1	State Endangered	High	High
Hydropsyche hoffmani	A Caddisfly	NL	NL	G3G4	SNR	NA	NA	NA				NL	Tier 1	G Rank		
Hydropsyche impula	A Caddisfly	NL	NL	G2G3	SNR	NA	NA	NA				NL	Tier 1	G Rank		
Hydropsyche opthalmica	A Caddisfly	NL	NL	G3	SNR	NA	NA	NA				NL	Tier 1	G Rank		

Hyla chrysoscelis	Cope's Gray Treefrog	NL	NL	G5	S2	NL	NL	LC				Tier 2	Tier 2	S Rank		
Hyla gratiosa	Barking Treefrog	NL	E	G5	S1	NL	NL	LC				Tier 1	Tier 1	State Endangered	High	High
Hyles gallii	Galium Sphinx	NL	NL	G5	SU	NA	NA	NA				NL	Data Needs			
Hylocichla mustelina	Wood Thrush	NL	NL	G5	S5B	High	V. High	LC	BCR 30 Highest, BCR 29 Highest			Tier 1	Tier 2	RSGCN High/High		
Icteria virens	Yellow-breasted Chat	NL	NL	G5	S4B	Low	High	LC				Tier 2	Tier 3			
Icterus galbula	Baltimore Oriole	NL	NL	G5	S4B	NL	NL	LC	BCR 30 High			Tier 2	Tier 3			
Iridopsis pergracilis	A Geometrid Moth	NL	NL	G4G5	S1	NA	NA	NA				Tier 2	Tier 1	S Rank	High	
Ischnura kellicotti	Lilypad Forktail	NL	NL	G5	S1	NA	NA	NA	Significant, R4			Tier 2	Tier 2	S Rank		
Isurus oxyrinchus	Shortfin	NL	NL	GNR	SNR	High	Low	VU	ASMFC			NL	Tier 1	IUCN		

	Mako Shark								Managed							
Isurus paucus	Longfin Mako Shark	NL	NL	GNR	SNR	NL	NL	VU	ASMFC Managed			NL	Tier 1	IUCN		
Ixobrychus exilis	Least Bittern	NL	NL	G5	S2B	Low	V. High	LC				Tier 2	Tier 2	SLR		High
Lamna nasus	Porbeagle Shark	SC	NL	GNR	SNR	High	Low	VU	ASMFC Managed			NL	Tier 1	Federal Listing		
Lampetra aepyptera	Least Brook Lamprey	NL	NL	G5	S2	Low	V. High	LC				Tier 2	Tier 2	S Rank		
Lampropeltis getula	Common Kingsnake	NL	NL	G5	S2S3	NL	NL	LC				Tier 2	Tier 2	S Rank		
Lampropeltis triangulum	Milksnake	NL	NL	G5	S1	NL	NL	NA				Tier 1	Tier 2	S Rank		
Lampsilis cariosa	Yellow Lampmussel	NL	E	G3G4	SH	High	V. High	EN				Tier 1	Tier 1	State Endangered		High
Lampsilis radiata	Eastern Lampmussel	NL	E	G5	S1	High	Mod.	NA				Tier 1	Tier 1	State Endangered		
Lanius ludovicianus	Loggerhead Shrike	NL	NL	G4	SHB	Low	V. High	LC				Tier 1	Data Needs -			

													Historical			
Lanthus vernalis	Southern Pygmy Clubtail	NL	NL	G4	S1	NA	NA	NA	Primary, R4			NL	Tier 1	S Rank		
Lapara coniferarum	Southern Pine Sphinx	NL	NL	G5	S2S4	NA	NA	NA				NL	Tier 2	DE Responsibility	High	
Larus argentatus	Herring Gull	NL	NL	G5	S2B	NL	NL	LC				NL	Tier 2	SLR		High
Larus marinus	Great Black-backed Gull	NL	NL	G5	S1B,S5N	NL	NL	LC				Tier 2	Tier 2	SLR		High
Lasioglossum marinum	A Sweat Bee	NL	NL	GNR	SNR	NA	NA	NA			X	NL	Tier 2	SLR		High
Lasioglossum nymphale	A Sweat Bee	NL	NL	GNR	SNR	NA	NA	NA			X	NL	Tier 2	DE Responsibility	High	
Lasionycteris noctivagans	Silver-haired Bat	NL	NL	G5	SU	Low	V. High	LC				Tier 2	Data Needs			
Lasiurus borealis	Eastern Red Bat	NL	NL	G5	S5	Low	V. High	LC				Tier 2	Tier 3			
Lasiurus cinereus	Hoary Bat	NL	NL	G5	SU	Low	V.	LC				Tier 2	Data			

							High						Needs			
Laterallus jamaicensis	Black Rail	NL	E	G4	S1B	High	V. High	NT	BCR 30 Highest, BCR 30 High			Tier 1	Tier 1	State Endangered	High	High
Leiostomus xanthurus	Spot	NL	NL	G5	SNR	NL	NL	LC	ASMFC Managed			NL	Tier 3			
Lepidochelys kempii	Kemp's Ridley Sea Turtle	LE	E	G1	SNA	Low	V. High	CR				Tier 1	Tier 1	Federal Listing		
Lepomis auritus	Redbreast Sunfish	NL	NL	G5	S4	High	Low	LC				NL	Tier 3			
Leptodea ochracea	Tidewater Mucket	NL	E	G3G4	S1	High	V. High	NT				Tier 1	Tier 1	State Endangered		High
Lestes australis	Southern Spreadwing	NL	NL	G5	S2	NA	NA	NA	Shared, R4R5			NL	Tier 2	S Rank		
Lestes congener	Spotted Spreadwing	NL	NL	G5	S1	NA	NA	NA	Shared, R5			NL	Tier 2	S Rank		
Lestes eurinus	Amber-	NL	NL	G4	S1	NA	NA	NA	Primary,			Tier 2	Tier 1	S Rank		

	winged Spreadwing								R5							
Lestes forcipatus	Sweetflag Spreadwing	NL	NL	G5	S2	NA	NA	NA	Significant, R5			NL	Tier 2	S Rank		
Lestes inaequalis	Elegant Spreadwing	NL	NL	G5	S2	NA	NA	NA	Significant, R5			NL	Tier 2	S Rank		
Lestes rectangularis	Slender Spreadwing	NL	NL	G5	S5	NA	NA	NA	Significant, R5			NL	Tier 3			
Lestes vigilax	Swamp Spreadwing	NL	NL	G5	S3	NA	NA	NA	Significant, R5			NL	Tier 3			
Lethe eurydice	Eyed Brown	NL	NL	G4	SH	NA	NA	NA				Tier 2	Data Needs - Historical			
Lethenteron appendix	American Brook Lamprey	NL	NL	G4	S2	Low	V. High	LC				Tier 2	Tier 2	S Rank		
Leucophaeus atricilla	Laughing Gull	NL	NL	G5	S2B	NL	NL	LC				NL	Tier 2	SLR		High
Leucoraja erinacea	Little Skate	NL	NL	GNR	SNR	High	Low	NT				NL	Tier 2	IUCN		

Leucoraja garmani	Rosette Skate	NL	NL	GNR	SNR	High	Mod.	LC				NL	Tier 3			
Leucoraja ocellata	Winter Skate	NL	NL	GNR	SNR	High	Low	EN				NL	Tier 1	IUCN		
Leucorrhinia intacta	Dot-tailed Whiteface	NL	NL	G5	SH	NA	NA	NA	Shared, R5			Tier 2	Data Needs - Historical			
Libellula auripennis	Golden-winged Skimmer	NL	NL	G5	S1	NA	NA	NA	Shared, R4			Tier 2	Tier 2	S Rank		
Libellula axilena	Bar-winged Skimmer	NL	NL	G5	S2	NA	NA	NA	Shared, R4			Tier 2	Tier 2	S Rank		
Libellula cyanea	Spangled Skimmer	NL	NL	G5	S5	NA	NA	LC	Significant, R5			NL	Tier 3			
Libellula flavida	Yellow-sided Skimmer	NL	NL	G5	SH	NA	NA	NA	Significant, R5			Tier 2	Data Needs - Historical			
Libellula needhami	Needham's Skimmer	NL	NL	G5	S5	NA	NA	NA	Shared, R3			NL	Tier 2	SLR		

Libellula semifasciata	Painted Skimmer	NL	NL	G5	S4	NA	NA	NA	Significant, R5			NL	Tier 3			
Libytheana carinenta	American Snout	NL	NL	G5	S1	NA	NA	NA				Tier 2	Tier 2	S Rank		
Ligumia nasuta	Eastern Pondmussel	NL	E	G4	S1	High	V. High	LR/nt				Tier 1	Tier 1	State Endangered		High
Limnodromus griseus	Short-billed Dowitcher	NL	NL	G5	S4N	NL	NL	LC	BCR 30 High			Tier 2	Tier 1	SLR, DE Responsibility	High	High
Limnothlypis swainsonii	Swainson's Warbler	NL	E	G4	SHB	Low	V. High	LC				Tier 1	Tier 1	State Endangered		
Limosa fedoa	Marbled Godwit	NL	NL	G5	S1N	Low	High	LC	BCR 30 High			Tier 2	Tier 2	SLR		High
Limosa haemastica	Hudsonian Godwit	NL	NL	G4	S1N	NL	NL	LC	BCR 30 High			Tier 2	Tier 2	SLR		High
Limulus polyphemus	Horseshoe Crab	NL	NL	G5	SNR	NA	NA	LR/nt				Tier 1	Tier 1	DE Responsibility, SLR	High	High

Lintneria eremitus	Hermit Sphinx	NL	NL	G4G5	S1	NA	NA	NA				Tier 2	Tier 1	S Rank		
Lithobates sylvaticus	Wood Frog	NL	NL	G5	S4	NL	NL	LC			X	NL	Tier 3			
Lithobates virgatipes	Carpenter Frog	NL	NL	G4	S1	Low	V. High	LC				Tier 2*	Tier 1	S Rank		
Littoridinops tenuipes	Henscomb Hydrobe	NL	NL	G5	SNR	NA	NA	NA			X	NL	Tier 2	SLR		High
Lophius americanus	Goosefish	NL	NL	G5	SNR	High	Low	NA				NL	Tier 3			
Lophocampa caryae	Hickory Tussock Moth	NL	NL	G5	S1	NA	NA	NA				Tier 2	Tier 2	S Rank		
Lophodytes cucullatus	Hooded Merganser	NL	NL	G5	S1B,S4N	NL	NL	LC				Tier 2	Tier 2	SLR		High
Lucanus elaphus	Giant Stag Beetle	NL	NL	G3G5	SH	NA	NA	NA				Tier 2	Data Needs - Historical			
Lycaena hyllus	Bronze Copper	NL	NL	G4G5	S2	NA	NA	NA				Tier 2	Tier 2	S Rank		

Lynx rufus	Bobcat	NL	NL	G5	SX	Low	High	LC				NL	Extirpated			
Macrochilo louisiana	Louisiana Macrochilo	NL	NL	G4	SU	NA	NA	NA				Tier 2	Data Needs			
Macromia illinoiensis	Swift River Cruiser	NL	NL	G5	S2	NA	NA	NA	Significant, R5			Tier 2	Tier 2	S Rank		
Macromia taeniolata	Royal River Cruiser	NL	NL	G5	S1	NA	NA	NA	Shared, R3			Tier 2	Tier 2	S Rank		
Malaclemys terrapin	Diamondback Terrapin	NL	NL	G4	S4	High	V.High	LR/nt				Tier 1*	Tier 2	IUCN		High
Manduca jasminearum	Ash Sphinx	NL	NL	G4G5	SH	NA	NA	NA				Tier 2	Data Needs - Historical			
Manduca rustica	Rustic Sphinx	NL	NL	G5	S1	NA	NA	NA				Tier 2	Tier 2		High	
Megaptera novaeangliae	Humpback Whale	LE	E	G4	SNA	Low	V. High	LC				Tier 1	Tier 1	Federal Listing		
Melanerpes erythrocephalus	Red-headed Woodpecker	NL	NL	G5	S3	Low	V. High	NT				Tier 1	Tier 2	IUCN	High	

Melanitta americana	American Scoter	NL	NL	G5	S4N	NL	NL	NT	BCR 30 High			Tier 2	Tier 2	IUCN	High	
Melanitta fusca	White-winged Scoter	NL	NL	G5	S2N	NL	NL	LC	BCR 30 High			Tier 2	Tier 3			
Melanitta perspicillata	Surf Scoter	NL	NL	G5	S4N	NL	NL	LC	BCR 30 High			Tier 2	Tier 2	DE Responsibility	High	
Melitara prodenialis	Eastern Cactus-boring Moth	NL	NL	G4	SH	NA	NA	NA				Tier 2	Data Needs - Historical			High
Melospiza georgiana nigrescens	Coastal Plain Swamp Sparrow	NL	NL	G5T3	S3B	High	Limited	NA				Tier 1	Tier 1	IUCN	High	High
Menidia menidia	Atlantic Silverside	NL	NL	G5	S5	High	Low	NA				NL	Tier 3			
Merluccius bilinearis	Silver Hake	NL	NL	GNR	SNR	High	Low	NA				NL	Tier 3			
Microgadus tomcod	Atlantic Tomcod	NL	NL	G5	SNR	High	Mod.	LC				NL	Tier 3			

Micropogonias undulatus	Atlantic Croaker	NL	NL	G5	SNR	NL	NL	LC	ASMFC Managed			NL	Tier 3			
Mniotilta varia	Black-and-white Warbler	NL	NL	G5	S3B	Low	High	LC	BCR 30 High			Tier 2	Tier 3			
Morone saxatilis	Striped Bass	NL	NL	G5	S5	NL	NL	LC	ASMFC Managed			NL	Tier 2	DE Responsibility	High	
Morus bassanus	Northern Gannet	NL	NL	G5	S5N	NL	NL	LC	BCR 30 High			NL	Tier 3			
Moxostoma macrolepidotum	Shorthead Redhorse	NL	NL	G5	S1	NL	NL	LC				Tier 1	Tier 2	S Rank		
Mustela frenata	Long-tailed Weasel	NL	NL	G5	S5	NL	NL	LC			X	NL	Tier 3			
Mustelus canis	Smooth Dogfish	NL	NL	GNR	SNR	NL	NL	NT	ASMFC Managed			NL	Tier 2	IUCN	High	
Myiarchus crinitus	Great Crested Flycatcher	NL	NL	G5	S5B	NL	NL	LC	BCR 30 High			Tier 2	Tier 3			
Myotis leibii	Eastern Small-footed Myotis	NL	NL	G3	S1	High	V. High	LC				Tier 1	Tier 1	G Rank		

Myotis lucifugus	Little Brown Myotis	NL	E	G5	S1	Low	V. High	LC				NL	Tier 1	State Endangered		
Myotis septentrionalis	Northern Myotis	LT	E	G4	S1	Low	V. High	LC				Tier 2	Tier 1	Federal Listing		
Myoxocephalus octodecemspinosus	Longhorn Sculpin	NL	NL	G5	SNR	High	Limited	NA				NL	Tier 3			
Nannothemis bella	Elfin Skimmer	NL	E	G4	S1	NA	NA	NA	Primary, R3			Tier 1	Tier 1	State Endangered		High
Negaprion brevirostris	Lemon Shark	NL	NL	GNR	SNR	NL	NL	NT	ASMFC Managed			NL	Tier 2	IUCN		
Nehalennia gracilis	Sphagnum Sprite	NL	NL	G5	S1	NA	NA	LC	Primary, R4			Tier 2	Tier 2	S Rank		
Nehalennia integricollis	Southern Sprite	NL	NL	G5	S1	NA	NA	NA	Shared, R3			Tier 2	Tier 2	S Rank		
Nehalennia irene	Sedge Sprite	NL	NL	G5	SU	NA	NA	NA	Shared, R5			Tier 2	Data Needs	S Rank		
Neophylax delicatus	A Caddisfly	NL	NL	G1G2	SNR	NA	NA	NA				NL	Tier 1	G Rank		
Neovison vison	Mink	NL	NL	G5	S3	NL	NL	LC			X	NL	Tier 2	SLR		High

Nerodia erythrogaster	Plain-bellied Watersnake	NL	E	G5	S1	NL	NL	LC				Tier 1	Tier 1	State Endangered		
Neurocordulia obsoleta	Umber Shadowdragon	NL	NL	G5	S1	NA	NA	LC	Primary, R4			NL	Tier 2	S Rank		
Nicrophorus americanus	American Burying Beetle	LE	NL	G2G3	SX	N/A	N/A	CR				Tier 1	Extirpated			
Nigetia formosalis	Thin-winged Owlet Moth	NL	NL	G4	S1S2	NA	NA	NA				Tier 2	Tier 1	S Rank		
Nomada rubicunda	A Cuckoo Bee	NL	NL	GNR	SNR	NA	NA	NA			X	NL	Tier 2	DE Responsibility	High	
Notophthalmus viridescens	Eastern Newt	NL	NL	G5	S4	NL	NL	LC			X	NL	Tier 3			
Notropis amoenus	Comely Shiner	NL	NL	G5	S2	High	High	LC				Tier 2	Tier 2	RSGCN High/High		
Notropis bifrenatus	Bridle Shiner	NL	E	G3	S1	High	V. High	NT	AFS 2008			Tier 1	Tier 1	State Endangered		

Notropis chalybaeus	Ironcolor Shiner	NL	E	G4	S1	Low	V. High	LC	AFS 2008			Tier 1	Tier 1	State Endangered		
Notropis procne	Swallowtail Shiner	NL	NL	G5	S4	High	Mod.	LC				NL	Tier 3			
Noturus insignis	Margined Madtom	NL	NL	G5	S2	Low	V. High	LC				Tier 2	Tier 2	S Rank		
Numenius phaeopus	Whimbrel	NL	NL	G5	S1N	Low	V. High	LC	BCR 30 Highest			Tier 1	Tier 2	SLR		High
Nyctanassa violacea	Yellow-crowned Night-Heron	NL	E	G5	S1B	Low	V. High	LC				Tier 1	Tier 1	State Endangered	High	High
Nycticeius humeralis	Evening Bat	NL	NL	G5	S1	NL	NL	LC				Tier 2	Tier 2	S Rank		
Nycticorax nycticorax	Black-crowned Night-Heron	NL	E	G5	S1B	Low	V. High	LC				Tier 1	Tier 1	State Endangered	High	High
Oceanodroma castro	Band-rumped Storm-Petrel	NL	NL	G3	S2N	NL	NL	LC				NL	Tier 1	G Rank		
Onychoprion anaethetus	Bridled Tern	NL	NL	G5	S2N	NL	NL	LC	BCR 30 High			Tier 2	Tier 3			

Opheodrys aestivus	Rough Greensnake	NL	NL	G5	S2	Low	High	LC				Tier 2	Tier 2	S Rank		
Opsanus tau	Oyster Toadfish	NL	NL	GNR	SNR	High	Mod.	NA				NL	Tier 2	DE Responsibility	High	
Orgyia detrita	A Tussock Moth	NL	NL	G3G4	S1	NA	NA	NA				Tier 2	Tier 1	G Rank		High
Ostrocerca prolongata	Bent Forestfly	NL	NL	G3	SNR	NA	NA	NA				Tier 2	Tier 1	G Rank		
Oxyloma effusum	Coastal-plain Ambersnail	NL	NL	G3	SNR	NA	NA	NA				NL	Tier 1	G Rank		
Oxyura jamaicensis	Ruddy Duck	NL	NL	G5	S1B, S5N	NL	NL	LC				NL	Tier 2	SLR		High
Pantherophis guttatus	Red Cornsnake	NL	E	G5	S1	Low	V. High	LC				Tier 1	Tier 1	State Endangered	High	High
Paonias astylus	Huckleberry Sphinx	NL	NL	G4G5	SH	NA	NA	NA				Tier 2	Data Needs - Historical			
Papaipema	Pitcher Plant	NL	E	G4	SH	NA	NA	NA	High,			Tier 1	Tier 1	State Endang		

appassionata	Borer Moth								High					ered		
Papaipema araliae	Aralia Shoot Borer Moth	NL	E	G3G4	SH	NA	NA	NA	High, V. High			Tier 2	Tier 1	State Endangered	High	
Papaipema astuta	Yellow Stoneroot Borer	NL	E	G2G4	SH	NA	NA	NA	High, V. High			Tier 2	Tier 1	State Endangered	High	
Papaipema baptisiae	Wild Indigo Borer Moth	NL	NL	G4G5	SH	NA	NA	NA				Tier 2	Data Needs - Historical			
Papaipema birdi	Umbellifer Borer Moth	NL	NL	G5	SH	NA	NA	NA				Tier 2	Data Needs - Historical			
Papaipema circumlucens	Hop Borer	NL	NL	G3G4	SH	NA	NA	NA	High, High			Tier 2	Tier 1	G Rank		
Papaipema duplicatus	Dark Stoneroot Borer Moth	NL	E	G2G4	SH	NA	NA	NA	High, V. High			Tier 1	Tier 1	State Endangered	High	
Papaipema	Eupatorium	NL	NL	G4	SH	NA	NA	NA				Tier 1	Data			

eupatorii	Borer Moth												Needs - Historical			
Papaipema furcata	Ash Borer Moth	NL	NL	GU	SU	NA	NA	NA				Tier 2	Data Needs			
Papaipema inquaesita	Sensitive Fern Borer Moth	NL	NL	G5	S2S4	NA	NA	NA				NL	Tier 3			
Papaipema lysimachiae	Loosestrife Borer Moth	NL	NL	G4G5	SU	NA	NA	NA				Tier 2	Data Needs			
Papaipema marginidens	A Borer Moth	NL	NL	G4	S1	NA	NA	NA				NL	Tier 1	S Rank	High	
Papaipema maritima	Maritime Sunflower Borer Moth	NL	E	G3	S1	NA	NA	NA				Tier 1	Tier 1	State Endangered	High	
Papaipema nelita	A Borer Moth	NL	NL	G4	S1?	NA	NA	NA				NL	Tier 1	S Rank		
Papaipema pterisii	Bracken Borer Moth	NL	NL	G5	SH	NA	NA	NA				Tier 2	Data Needs - Historical			

Papaipema rigida	A Borer Moth	NL	NL	G5	SH	NA	NA	NA				Tier 2	Data Needs - Historical			
Papaipema rutila	Mayapple Borer Moth	NL	NL	G4	SH	NA	NA	NA				Tier 2	Data Needs - Historical			
Papaipema speciosissima	Osmunda Borer Moth	NL	NL	G4	S1S2	NA	NA	NA				Tier 2	Tier 1	S Rank		
Papaipema stenocelis	Chain Fern Borer Moth	NL	NL	G4	S2?	NA	NA	NA				Tier 2	Tier 2	S Rank		
Parahypenodes quadralis	A Noctuid Moth	NL	NL	G4	SU	NA	NA	NA				Tier 2	Data Needs			
Paralichthys dentatus	Summer Flounder	NL	NL	GNR	SNR	NL	NL	LC	ASMFC Managed			NL	Tier 3			
Paralichthys oblongus	Fourspot Flounder	NL	NL	GNR	SNR	High	Low	NA				NL	Tier 3			
Parapamea buffaloensis	Buffalo Moth	NL	NL	G4	SH	NA	NA	NA				Tier 2	Data Needs -			

													Historical			
Paratrea plebeja	Plebian Sphinx	NL	NL	G5	SH	NA	NA	NA				Tier 2	Data Needs - Historical			
Parkesia motacilla	Louisiana Waterthrush	NL	NL	G5	S3B	Low	V. High	LC	BCR 30 High			Tier 2	Tier 3			
Passerculus sandwichensis	Savannah Sparrow	NL	NL	G5	S1B, S4N	NL	NL	LC				Tier 2	Tier 2	DE Responsibility	High	
Passerella iliaca	Fox Sparrow	NL	NL	G5	S2N	NL	NL	LC				NL	Tier 3			
Pelagodroma marina	White-faced Storm-Petrel	NL	NL	G5	S2N	NL	NL	LC				NL	Tier 3			
Pelecanus occidentalis	Brown Pelican	NL	NL	G4	S1N	NL	NL	LC				Tier 2	Tier 3			
Peprilus triacanthus	Butterfish	NL	NL	GNR	SNR	High	Low	NA				NL	Tier 3			
Percina peltata	Shield Darter	NL	NL	G5	S1	High	High	LC				Tier 1	Tier 2	RSGCN High/High		

Perimyotis subflavus	Tricolored Bat	NL	NL	G5	S1	Low	V. High	NA				NL	Tier 2	S Rank		
Pero ancetaria	Hübner's Pero	NL	NL	G5	S1?	NA	NA	NA				Tier 2	Tier 2	S Rank		
Pero zalissaria	A Geometrid Moth	NL	NL	G4	S1S3	NA	NA	NA				Tier 2	Tier 2	S Rank		
Petrochelidon pyrrhonota	Cliff Swallow	NL	NL	G5	S2B	NL	NL	LC				Tier 2	Tier 2	S Rank		
Phalacrocorax auritus	Double-crested Cormorant	NL	NL	G5	S1B, S5N	NL	NL	LC				Tier 2	Tier 2	S Rank		
Phalacrocorax carbo	Great Cormorant	NL	NL	G5	S1N	NL	NL	LC				Tier 2	Tier 3			
Phalaropus lobatus	Red-necked Phalarope	NL	NL	G4G5	S4N	NL	NL	LC			X	Tier 2	Tier 3			
Phalaropus tricolor	Wilson's Phalarope	NL	NL	G5	S3N	Low	High	LC	BCR 30 High			Tier 2	Tier 3			
Pheucticus ludovicianus	Rose-breasted Grosbeak	NL	NL	G5	S1B	NL	NL	LC				NL	Tier 2	S Rank		
Philomycus	Winding	NL	NL	G5	S1	NA	NA	NA				Tier 2	Tier 2	S Rank		

flexuolaris	Mantleslug															
Phocoena phocoena	Harbor Porpoise	NL	NL	G4G5	SNA	Low	High	LC				Tier 1	Tier 3			
Photinus floridanus	A Firefly	NL	NL	GNR	SNR	NA	NA	NA		X	X	NL	Tier 1	Endemic / Disjunct	High	
Photinus ignitus	A Firefly	NL	NL	GNR	SNR	NA	NA	NA			X	NL	Tier 3			
Photuris bethaniensis	Bethany Beach Firefly	NL	E	G1Q	S1	NA	NA	NA		X		Tier 1	Tier 1	State Endangered	High	High
Photuris cinctipennis	A Firefly	NL	NL	GNR	S4	NA	NA	NA			X	NL	Tier 2	Expert		
Photuris frontalis	A Firefly	NL	NL	GNR	S1	NA	NA	NA				Tier 2	Tier 2	S Rank		
Photuris hebes	A Firefly	NL	NL	GNR	S1S2	NA	NA	NA				Tier 2	Tier 2	S Rank		
Photuris mysticalampas	A Firefly	NL	NL	GNR	SNR	NA	NA	NA		X	X	NL	Tier 1	Endemic / Disjunct	High	
Photuris pennsylvanica	A Firefly	NL	NL	GNR	S1S2	NA	NA	NA				Tier 2	Tier 2	SLR		High
Photuris pyralomimus	A Firefly	NL	NL	GNR	S1S3	NA	NA	NA				Tier 2	Tier 2	SLR		High

Photuris salina	A Firefly	NL	NL	GNR	S3	NA	NA	NA			X	NL	Tier 2	SLR		High
Photuris tremulans	A Firefly	NL	NL	GNR	S1	NA	NA	NA				Tier 2	Tier 2	S Rank		
Physa carolinae	Carolina Physa	NL	NL	GNR	SNR	NA	NA	NA			X	NL	Tier 2	DE Responsibility	High	
Physeter macrocephalus	Sperm Whale	LE	E	G3G4	SNA	Low	V. High	VU				Tier 1	Tier 1	Federal Listing		
Pipilo erythrophthalmus	Eastern Towhee	NL	NL	G5	S5B	Low	V. High	LC	BCR 30 High			Tier 2	Tier 3			
Piranga olivacea	Scarlet Tanager	NL	NL	G5	S4B	High	High	LC	BCR 30 High			Tier 2	Tier 2	RSGCN High/High		
Piranga rubra	Summer Tanager	NL	NL	G5	S3B	Low	High	LC				NL	Tier 3			
Plectrophenax nivalis	Snow Bunting	NL	NL	G5	S1N	NL	NL	LC				NL	Tier 3			
Plegadis falcinellus	Glossy Ibis	NL	NL	G5	S1B	NL	NL	LC	BCR 30 High			Tier 2	Tier 1	SLR, DE Responsibility	High	High
Plestiodon	Broad-	NL	NL	G5	SH	Low	High	LC				Tier 1	Data			

laticeps	headed Skink												Needs - Historical			
Pluvialis dominica	American Golden-Plover	NL	NL	G5	S2N	NL	NL	LC	BCR 30 High			Tier 2	Tier 3			
Pluvialis squatarola	Black-bellied Plover	NL	NL	G5	S4N	NL	NL	LC	BCR 30 High			Tier 2	Tier 2	DE Responsibility	High	
Poanes hobomok	Hobomok Skipper	NL	NL	G5	SU	NA	NA	NA				Tier 2	Data Needs			
Poanes massasoit chermocki	Chermock's Mulberry Wing	NL	E	G4T1	S1	NA	NA	NA				Tier 1	Tier 1	State Endangered		High
Poanes massasoit massasoit	Mulberry Wing	NL	E	G4TNR	SNR	NA	NA	NA				Tier 1*	Tier 1	State Endangered		
Podiceps auritus	Horned Grebe	NL	NL	G5	S4N	NL	NL	LC	BCR 30 High			Tier 2	Tier 3			
Podilymbus podiceps	Pied-billed Grebe	NL	E†	G5	S1B,S3N	Low	V. High	LC				Tier 1	Tier 1	State Endangered		High

Pogonias cromis	Black Drum	NL	NL	GNR	SNR	NL	NL	LC	ASMFC Managed			NL	Tier 3			
Polycentropus chenoides	A Caddisfly	NL	NL	G2G3	SNR	NA	NA	NA				NL	Tier 1	G Rank		
Polygonia progne	Gray Comma	NL	NL	G4G5	SH	NA	NA	NA				Tier 2	Data Needs - Historical			
Pomatiopsis lapidaria	Slender Walker	NL	NL	G5	S1	NA	NA	NA				Tier 2	Tier 2	S Rank		
Pomatomus saltatrix	Bluefish	NL	NL	G5	SNR	NL	NL	NA	ASMFC Managed			NL	Tier 3			
Pompeius verna	Little Glassywing	NL	NL	G5	SU	NA	NA	NA				Tier 2	Data Needs			
Pontia protodice	Checkered White	NL	NL	G4	SU	NA	NA	NA				Tier 2	Data Needs			
Pooecetes gramineus	Vesper Sparrow	NL	NL	G5	S3B, S1N	Low	V. High	LC				Tier 2	Tier 3			
Porzana carolina	Sora	NL	NL	G5	S2	Low	V. High	LC				Tier 2	Tier 2	S Rank		High
Prionace glauca	Blue Shark	NL	NL	GNR	SNR	High	Low	NT	ASMFC			NL	Tier 2	IUCN		

									Managed							
Prionotus carolinus	Northern Searobin	NL	NL	G5	SNR	High	Low	NA				NL	Tier 3			
Prionotus evolans	Striped Searobin	NL	NL	G5	SNR	High	Low	NA				NL	Tier 3			
Problema bulenta	Rare Skipper	NL	E	G2G3	S1	NA	NA	NA				Tier 1	Tier 1	State Endangered		High
Progomphus obscurus	Common Sanddragon	NL	NL	G5	S2	NA	NA	NA	Shared, R4			NL	Tier 2	S Rank		
Promenetus exacuous	Keeled Promenetus	NL	NL	G5	SNR	NA	NA	NA			X	NL	Tier 3			
Protonotaria citrea	Prothonotary Warbler	NL	NL	G5	S4B	Low	V. High	LC	BCR 30 High			Tier 2	Tier 3			
Pseudacris kalmi	New Jersey Chorus Frog	NL	NL	G4	S4	High	High	LC				NL	Tier 2	RSGCN High/High	High	
Pseudemys rubriventris	Northern Red-bellied Cooter	NL	NL	G5	S5	High	High	NT				Tier 2	Tier 2	IUCN		
Pseudopleuronectes americanus	Winter Flounder	NL	NL	G5	SNR	High	Mod.	NA	ASMFC Managed			NL	Tier 3			

Pseudotriton montanus	Mud Salamander	NL	E	G5	S1	Low	V. High	LC				Tier 2*	Tier 1	State Endangered	High	High
Pseudotriton ruber	Red Salamander	NL	NL	G5	S3	High	High	LC				NL	Tier 2	RSGCN High/High		High
Psorthaspis mariae	A Spider Wasp	NL	NL	GNR	SNR	NA	NA	NA		X	X	NL	Tier 1	Endemic / Disjunct	High	
Psorthaspis sanguinea	A Spider Wasp	NL	NL	GNR	SNR	NA	NA	NA		X	X	NL	Tier 1	Endemic / Disjunct	High	
Puffinus gravis	Great Shearwater	NL	NL	G5	S4N	NL	NL	LC	BCR 30 High			Tier 2	Tier 3			
Puffinus griseus	Sooty Shearwater	NL	NL	G5	S4N	NL	NL	NT				NL	Tier 2	IUCN		
Puffinus lherminieri	Audubon's Shearwater	NL	NL	G4G5	S4N	NL	NL	LC	BCR 30 High			Tier 1	Tier 3			
Punctum vitreum	Glass Spot	NL	NL	G5	S1?	NA	NA	NA				Tier 2	Tier 2	S Rank		
Pupoides albilabris	White-lip Dagger	NL	NL	G5	S1	NA	NA	NA				Tier 2	Tier 2	S Rank		
Pyractomena	A Firefly	NL	NL	GNR	SNR	NA	NA	NA			X	NL	Tier 3			

dispersa																
Pyractomena ecostata	A Firefly	NL	NL	GNR	SNR	NA	NA	NA			X	NL	Tier 2	SLR		High
Rallus elegans	King Rail	NL	NL	G4	S1B	Low	V. High	LC	BCR 29 High			Tier 2	Tier 1	SLR, DE Responsibility	High	High
Rallus limicola	Virginia Rail	NL	NL	G5	S2B, S3N	NL	NL	LC				NL	Tier 2	SLR		High
Rallus longirostris	Clapper Rail	NL	NL	G5	S5	Low	High	LC	BCR 30 High			NL	Tier 1	SLR, DE Responsibility	High	High
Rana kauffeldi	Atlantic Coast Leopard Frog	NL	NL	GNR	SNR	NA	NA	NA			X	NL	Tier 1	SLR, DE Responsibility	High	High
Recurvirostra americana	American Avocet	NL	NL	G5	S2N	NL	NL	LC				NL	Tier 2	SLR		High
Regina septemvittata	Queen Snake	NL	NL	G5	S1	Low	V. High	LC				Tier 2	Tier 2	S Rank		
Rhincodon typus	Whale Shark	NL	NL	GNR	SNR	NL	NL	VU	ASMFC			NL	Tier 1	IUCN		

									Managed							
Rhionaeschna mutata	Spatterdock Darner	NL	NL	G4	S1	NA	NA	NA	Primary, R4			NL	Tier 1	S Rank		
Rhizoprionodon terraenovae	Atlantic Sharpnose Shark	NL	NL	GNR	SNR	NL	NL	LC	ASMFC Managed			NL	Tier 3			
Riparia riparia	Bank Swallow	NL	NL	G5	S1B	Low	High	LC				Tier 2	Tier 2	S Rank		
Rynchops niger	Black Skimmer	NL	E	G5	S1B, S2N	Low	V. High	LC				Tier 1	Tier 1	State Endangered		
Satyrium kingi	King's Hairstreak	NL	E	G3G4	S1	NA	NA	NA				Tier 1	Tier 1	State Endangered		High
Satyrium liparops strigosum	Striped Hairstreak	NL	NL	G5T5	S1	NA	NA	NA				Tier 2	Tier 2	S Rank		
Scaphiopus holbrookii	Eastern Spadefoot	NL	NL	G5	S4	Low	V. High	LC				Tier 2	Tier 2	Climate Change		High
Schinia septentrionalis	A Noctuid Moth	NL	NL	G3G4	SH	NA	NA	NA	High, V. High			Tier 2	Tier 1	G Rank		
Schinia spinosae	A Noctuid Moth	NL	NL	G4	SH	NA	NA	NA	High, V. High			Tier 2	Data Needs			

													- Historical			
Schinia trifascia	Three-lined Flower Moth	NL	NL	G5	SH	NA	NA	NA				Tier 2	Data Needs - Historical			
Sciaenops ocellatus	Red Drum	NL	NL	G5	SNR	NL	NL	LC	ASMFC Managed			NL	Tier 3			
Scincella lateralis	Ground Skink	NL	NL	G5	S1	NL	NL	LC				Tier 2	Tier 2	S Rank		
Sciurus niger cinereus	Delmarva Fox Squirrel	LE, XN**	E	G5T3	S1	High	V. High	NA				Tier 1	Tier 1	State Endangered		
Scolopax minor	American Woodcock	NL	NL	G5	S2B, S3N	Low	V. High	LC	BCR 30 Highest			Tier 1	Tier 2	S Rank		
Scomber scombrus	Atlantic Mackerel	NL	NL	G5	SNR	High	Low	LC				NL	Tier 3			
Scomberomorus maculatus	Spanish Mackerel	NL	NL	G5	SNR	NL	NL	LC	ASMFC Managed			NL	Tier 3			
Scophthalmus	Windowpane	NL	NL	G5	SNR	High	Low	NA				NL	Tier 3			

aquosus																
Semotilus corporalis	Fallfish	NL	NL	G5	S4	High	Low	LC	ASMFC Managed			NL	Tier 3			
Setophaga americana	Northern Parula	NL	NL	G5	S1B	Low	High	LC				Tier 1	Tier 2	S Rank		
Setophaga caerulescens	Black-throated Blue Warbler	NL	NL	G5	SNA	Low	High	LC				NL	Tier 3			
Setophaga castanea	Bay-breasted Warbler	NL	NL	G5	SNA	Low	V. High	LC	BCR 30 High			NL	Tier 3			
Setophaga cerulea	Cerulean Warbler	NL	E	G4	S1B	High	V. High	VU				Tier 1	Tier 1	State Endangered		
Setophaga citrina	Hooded Warbler	NL	E†	G5	S1B	Low	High	LC				Tier 1	Tier 1	State Endangered		
Setophaga discolor	Prairie Warbler	NL	NL	G5	S3B	Low	V. High	LC	BCR 30 Highest			Tier 1	Tier 3			
Setophaga dominica	Yellow-throated Warbler	NL	NL	G5	S2B	NL	NL	LC				Tier 2*	Tier 2	S Rank		

Setophaga fusca	Blackburnian Warbler	NL	NL	G5	SNA	Low	High	LC				NL	Tier 3			
Setophaga pensylvanica	Chestnut-sided Warbler	NL	NL	G5	SHB	NL	NL	LC				Tier 2*	Data Needs - Historical			
Setophaga ruticilla	American Redstart	NL	NL	G5	S1B	NL	NL	LC				Tier 1	Tier 2	S Rank		
Setophaga tigrina	Cape May Warbler	NL	NL	G5	SNA	Low	High	LC				NL	Tier 3			
Setophaga virens	Black-throated Green Warbler	NL	NL	G5	SNA	Low	High	LC				NL	Tier 3			
Sitta canadensis	Red-breasted Nuthatch	NL	NL	G5	S1B, S3N	NL	NL	LC				NL	Tier 2	S Rank		
Sitta pusilla	Brown-headed Nuthatch	NL	NL	G5	S2	NL	NL	LC	BCR 29 High			Tier 2	Tier 2	DE Responsibility	High	
Somateria mollissima	Common Eider	NL	NL	G5	S2N	Low	High	LC	BCR 30 High			Tier 1	Tier 3			

Somatochlora filosa	Fine-lined Emerald	NL	NL	G5	S2	NA	NA	NA	Shared, R3			Tier 2	Tier 2	S Rank		
Somatochlora linearis	Mocha Emerald	NL	NL	G5	S4	NA	NA	NA	Shared, R3R4			NL	Tier 3			
Somatochlora provocans	Treetop Emerald	NL	E	G4	S1	NA	NA	NA	Shared, R3			Tier 2	Tier 1	State Endangered		
Somatochlora tenebrosa	Clamp-tipped Emerald	NL	NL	G5	S4	NA	NA	NA	Primary, R4R5			NL	Tier 3			
Sorex fontinalis	Maryland Shrew	NL	NL	G4Q	SU	NL	NL	NA				Tier 2	Data Needs		High	
Speyeria aphrodite	Aphrodite Fritillary	NL	NL	G5	SH	NA	NA	NA				Tier 2	Data Needs - Historical			
Speyeria idalia	Regal Fritillary	NL	NL	G3	SX	NA	NA	NA				Tier 2	Extirpated			
Sphinx chersis	Great Ash Sphinx	NL	NL	G4G5	SH	NA	NA	NA				Tier 2	Data Needs - Histor			

													ical			
Sphinx franckii	Franck's Sphinx	NL	NL	G4	SH	NA	NA	NA	High, High			Tier 2	Data Needs - Historical			
Sphoeroides maculatus	Northern Puffer	NL	NL	G5	SNR	High	Limited	LC				NL	Tier 3			
Sphyrna lewini	Scalloped Hammerhead	NL	NL	GNR	SNR	NL	NL	EN	ASMFC Managed			NL	Tier 1	IUCN		
Sphyrna mokarran	Great Hammerhead	NL	NL	GNR	SNR	NL	NL	EN	ASMFC Managed			NL	Tier 1	IUCN		
Sphyrna tiburo	Bonnethead Shark	NL	NL	GNR	SNR	NL	NL	LC	ASMFC Managed			NL	Tier 3			
Sphyrna zygaena	Smooth Hammerhead	NL	NL	GNR	SNR	High	Low	VU	ASMFC Managed			NL	Tier 1	IUCN		
Spinus pinus	Pine Siskin	NL	NL	G5	S1B, S2N	NL	NL	NA				NL	Tier 2	S Rank		
Spiza americana	Dickcissel	NL	NL	G5	S1B	Low	High	LC				NL	Tier 2	S Rank		

Spizella arborea	American Tree Sparrow	NL	NL	G5	S2N	NL	NL	LC				NL	Tier 3			
Spizella pusilla	Field Sparrow	NL	NL	G5	S4	Low	V. High	LC	BCR 30 High			Tier 2	Tier 3			
Squalus acanthias	Spiny Dogfish	NL	NL	GNR	SNR	High	Low	VU	ASMFC Managed			NL	Tier 1	IUCN	High	
Squatina dumeril	Angel Shark	NL	NL	GNR	SNR	High	Limited	DD	ASMFC Managed			Tier 2	Data Needs	IUCN		
Stenotomus chrysops	Scup	NL	NL	GNR	SNR	NL	NL	NT	ASMFC Managed			NL	Tier 2	IUCN		
Stenotrema hirsutum	Hairy Slitmouth	NL	NL	G5	S1	NA	NA	NA				Tier 2	Tier 2	S Rank		
Stercorarius longicaudus	Long-tailed Jaeger	NL	NL	G5	S2N	NL	NL	LC				NL	Tier 3			
Sterna dougallii	Roseate Tern	LE**	NL	G4	S1N	High	V. High	LC	BCR 30 Highest			Tier 1*	Tier 1	Federal Listing		High
Sterna forsteri	Forster's Tern	NL	E†	G5	S1B, S4N	Low	V. High	LC	BCR 30 High			Tier 1	Tier 1	State Endangered	High	High
Sterna hirundo	Common Tern	NL	E†	G5	S1B, S2N	Low	V. High	LC				Tier 1	Tier 1	State Endang		High

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Sterna paradisaea	Arctic Tern	NL	NL	G5	S2N	Low	V. High	LC				Tier 2	Tier 3			
Sternula antillarum	Least Tern	NL	E	G4	S1B	Low	V. High	LC	BCR 30 High			Tier 1	Tier 1	State Endangered		High
Storeria occipitomaculata	Red-bellied Snake	NL	NL	G5	S1	NL	NL	LC				Tier 2	Tier 2	S Rank		
Strophitus undulatus	Creeper	NL	NL	G5	S1	NL	NL	NA				Tier 2	Tier 2	S Rank		High
Sturnella magna	Eastern Meadowlark	NL	NL	G5	S3	Low	V. High	LC				NL	Tier 3			
Stylogomphus albistylus	Eastern Least Clubtail	NL	NL	G5	S1	NA	NA	NA	Primary, R5			Tier 2	Tier 2	S Rank		
Stylurus laurae	Laura's Clubtail	NL	E	G4	S1	NA	NA	NA	Shared, R1R2			NL	Tier 1	State Endangered		
Stylurus plagiatus	Russet-tipped Clubtail	NL	NL	G5	S1	NA	NA	LC	Shared, R3			Tier 2	Tier 2	S Rank		

Stylurus spiniceps	Arrow Clubtail	NL	NL	G5	S1	NA	NA	LC	Significant, R4R5			Tier 2	Tier 2	S Rank		
Sympetrum rubicundulum	Ruby Meadowhawk	NL	NL	G5	S3	NA	NA	NA	Significant, R5			NL	Tier 3			
Sympetrum semicinctum	Band-winged Meadowhawk	NL	NL	G5	S1	NA	NA	NA	Shared, R5			Tier 2	Tier 2	S Rank		
Sympistis perscripta	A Noctuid Moth	NL	NL	G4	SH	NA	NA	NA				Tier 2	Data Needs - Historical			
Synanthedon castaneae	Chestnut Clearwing Moth	NL	NL	G3G5	SX	NA	NA	NA	High, High			Tier 2	Extirpated			
Tarache delecta	A Noctuid Moth	NL	NL	GU	S1S3	NA	NA	NA				Tier 2	Tier 1	SLR, DE Responsibility	High	High
Tautoga onitis	Tautog	NL	NL	GNR	SNR	High	Low	VU	ASMFC Managed			NL	Tier 1	IUCN	High	

Tautogolabrus adspersus	Cunner	NL	NL	G5	SNR	High	Mod.	LC				NL	Tier 3			
Telebasis byersi	Duckweed Firetail	NL	NL	G5	S1	NA	NA	NA	Shared, R3			NL	Tier 2	S Rank		
Terrapene carolina	Eastern Box Turtle	NL	NL	G5	S5	Low	Very High	VU				Tier 1	Tier 1	IUCN		
Tetracha virginica	Virginia Big-headed Tiger Beetle	NL	NL	G5	SU	NL	NL	NA				Tier 2	Data Needs			
Thalasseus sandvicensis	Sandwich Tern	NL	NL	G5	S1N	NL	NL	LC				NL	Tier 2	SLR		High
Thamnophis sauritus	Eastern Ribbonsnake	NL	NL	G5	S2	Low	V. High	LC				Tier 2	Tier 2	S Rank		
Thunnus thynnus	Atlantic Bluefin Tuna	SC	NL	GNR	SNR	NL	NL	EN	NMFS Concern			NL	Tier 1	Federal Listing		
Tolype notialis	Small Tolype Moth	NL	NL	G4G5	SH	NA	NA	NA				Tier 2	Data Needs - Historical		High	
Toxostoma rufum	Brown Thrasher	NL	NL	G5	S4B	Low	V. High	LC	BCR 30 High			Tier 2	Tier 3			

Tringa flavipes	Lesser Yellowlegs	NL	NL	G5	S4N	NL	NL	LC			X	NL	Tier 1	SLR, DE Responsibility	High	High
Tringa melanoleuca	Greater Yellowlegs	NL	NL	G5	S4N	NL	NL	LC	BCR 30 High			Tier 2	Tier 1	SLR, DE Responsibility	High	High
Tringa semipalmata	Willet	NL	NL	G5	S4B	Low	V. High	LC	BCR 30 High			Tier 2*	Tier 1	SLR, DE Responsibility	High	High
Tringa solitaria	Solitary Sandpiper	NL	NL	G5	S3N	NL	NL	LC	BCR 30 High			Tier 2	Tier 3			
Triodopsis tridentata	Northern Threetooth	NL	NL	G5	S2	NA	NA	NA				Tier 2	Tier 2	S Rank		
Tryngites subruficollis	Buff-breasted Sandpiper	NL	NL	G4	S1N	NL	NL	NT	BCR 30 High			Tier 2	Tier 2	IUCN		
Tyrannus tyrannus	Eastern Kingbird	NL	NL	G5	S5B	NL	NL	LC	BCR 30 High			Tier 2	Tier 3			
Tyto alba	Barn Owl	NL	NL	G5	S2	Low	V. High	LC				Tier 2	Tier 2	SLR		High

Umbra pygmaea	Eastern Mudminnow	NL	NL	G5	S5	High	Low	LC				NL	Tier 3			
Uria lomvia	Thick-billed Murre	NL	NL	G5	S2N	NL	NL	LC				NL	Tier 3			
Urophycis chuss	Red Hake	NL	NL	GNR	SNR	High	Low	NA				NL	Tier 3			
Ventridens intertextus	Pyramid Dome	NL	NL	G5	S1	NA	NA	NA				Tier 2	Tier 2	S Rank		
Vermivora chrysoptera	Golden-winged Warbler	NL	NL	G4	SNA	Low	V. High	NT				Tier 2	Tier 2	IUCN		
Vermivora cyanoptera	Blue-winged Warbler	NL	NL	G5	S1B	High	V. High	LC	BCR 30 Highest			Tier 1	Tier 2	S Rank		
Vertigo ovata	Ovate Vertigo	NL	NL	G5	S2S4	NA	NA	LR/nt				NL	Tier 2	IUCN		
Vertigo pygmaea	Crested Vertigo	NL	NL	G5	S1?	NA	NA	NA				Tier 2	Tier 2	S Rank		
Vertigo teskeyae	Swamp Vertigo	NL	NL	G5	S1?	NA	NA	NA				Tier 2	Tier 2	S Rank		
Vertigo tridentata	Honey Vertigo	NL	NL	G5	S2S3	NA	NA	NA				Tier 2	Tier 2	S Rank		
Vireo flavifrons	Yellow-throated	NL	NL	G5	S3B	Low	High	LC	BCR 30			Tier 2	Tier 3			

	Vireo								High							
Vireo gilvus	Warbling Vireo	NL	NL	G5	S2B	NL	NL	LC				Tier 2	Tier 2	S Rank		
Virginia valeriae	Smooth Earthsnake	NL	NL	G5	S1	NL	NL	LC				Tier 2	Tier 2	S Rank		
Wallengrenia otho	Southern Broken-Dash	NL	NL	G5	S1?	NA	NA	NA				NL	Tier 2	S Rank		
Xestia dilucida	A Noctuid Moth	NL	NL	G5	S1S2	NA	NA	NA				Tier 2	Tier 2	S Rank	High	
Zale metata	A Noctuid Moth	NL	NL	G5	S2S3	NA	NA	NA				Tier 2	Tier 2	S Rank		
Zale metatoides	Washed-out Zale Moth	NL	NL	G5	S2S4	NA	NA	NA				NL	Tier 2	DE Responsibility	High	
Zale squamularis	A Noctuid Moth	NL	NL	G4	S1?	NA	NA	NA				NL	Tier 1	S Rank	High	
Zoarces americanus	Ocean Pout	NL	NL	GNR	SNR	High	Low	NA				NL	Tier 3			
Zonitoides nitidus	Black Gloss	NL	NL	G5	S1?	NA	NA	NA				Tier 2	Tier 2	S Rank		

* Listed under different name in 2007 DEWAP

** Federal listing status applies to DPS or other geographic delineation

*** Federal listing status applies to subspecies

† State Endangered status applies to breeding population only

Key to IUCN Status

LC	Least Concern
LR/nt	Lower Risk / near threatened
NT	Near Threatened
VU	Vulnerable
EN	Endangered
CR	Critically Endangered
DD	Data Deficient

For full definitions, see: http://www.iucnredlist.org/technical-documents/categories-and-criteria

NatureServe Global Conservation Status Ranks

(State-level S-Ranks ranks follow the same guidelines)

Basic Ranks

GX Presumed Extinct (species)— Not located despite intensive searches and virtually no likelihood of rediscovery.

GH Possibly Extinct (species)— Missing; known from only historical occurrences but still some hope of rediscovery.

G1 Critically Imperiled—At very high risk of extinction due to extreme rarity (often 5 or fewer populations), very steep declines, or other factors.

G2 Imperiled—At high risk of extinction due to very restricted range, very few populations (often 20 or fewer), steep declines, or other factors.

G3 Vulnerable—At moderate risk of extinction due to a restricted range, relatively few populations (often 80 or fewer), recent and widespread declines, or other factors.

G4 Apparently Secure—Uncommon but not rare; some cause for long-term concern due to declines or other factors.

G5 Secure—Common; widespread and abundant.

Variant Ranks

G#G# Range Rank—A numeric range rank (e.g., G2G3) is used to indicate the range of uncertainty in the status of a species or community. Ranges cannot skip more than one rank (e.g., GU should be used rather than G1G4).

GU Unrankable—-Currently unrankable due to lack of information or due to substantially conflicting information about status or trends. Whenever possible, the most likely rank is assigned and the question mark qualifier is added (e.g., G2?) to express uncertainty, or a range rank (e.g., G2G3) is used to delineate the limits (range) of uncertainty.

GNR Unranked—Global rank not yet assessed.

GNA Not Applicable—A conservation status rank is not applicable because the species is not a suitable target for conservation activities.

Rank Qualifiers

? Inexact Numeric Rank—Denotes inexact numeric rank (e.g., G2?)

Q Questionable taxonomy—Taxonomic distinctiveness of this entity at the current level is questionable; resolution of this uncertainty may result in change from a species to a subspecies or hybrid, or the inclusion of this taxon in another taxon, with the resulting taxon having a lower-priority conservation priority.

C Captive or Cultivated Only—At present extant only in captivity or cultivation, or as a reintroduced population not yet established.

Infraspecific Taxon Conservation Status Ranks

Infraspecific taxa refer to subspecies, varieties and other designations below the level of the species. Infraspecific taxon status ranks (T-ranks) apply to plants and animal species only; these T-ranks do not apply to ecological communities.

Rank

T# Infraspecific Taxon (trinomial)—The status of infraspecific taxa (subspecies or varieties) are indicated by a "T-rank" following the species' global rank. Rules for assigning T-ranks follow the same principles outlined above for global conservation status ranks. For example, the global rank of a critically imperiled subspecies of an otherwise widespread and common species would be G5T1. A T-rank cannot imply the subspecies or variety is more abundant than the species as a whole-for example, a G1T2 cannot occur. A vertebrate animal population, such as those listed as distinct population segments under under the U.S. Endangered Species Act, may be considered an infraspecific taxon and assigned a T-rank; in such cases a Q is used after the T-rank to denote the taxon's informal taxonomic status.

Justifications for SGCN Meeting Criterion 9: Other Scientific Data or Expert Consensus

Anas acuta	Northern Pintail	NAWMP national population goal not met (Zimfer et al. 2014)
Anas americana	American Wigeon	NAWMP national population goal not met (Zimfer et al. 2014)
Ardea herodias	Great Blue Heron	Colonial nester subject to disturbance and colony abandonment, requires management.
Bombus auricomus	Black and Gold Bumble Bee	Uncommon and declining
Bombus fraternus	Southern Plains Bumble Bee	Uncommon and declining, surveys needed for this species.
Bombus vagans	Half-black Bumble Bee	Experiencing apparent range retraction in the region
Bombus variabilis	Variable Cuckoo Bumble Bee	Very rare species
Busycon carica	Knobbed Whelk	Both spp combined made up DE's 2nd largest commercial fishery (2001-2004; now fourth), CPUE in dredge fishery has followed a declining trend since 2001, Female-biased harvest, Slow growing (~8 yrs to mature), Low fecundity
Busycotypus canaliculatus	Channeled Whelk	Both spp combined made up DE's 2nd largest commercial fishery (2001-2004; now fourth), CPUE in dredge fishery has followed a declining trend since 2001, Female-biased harvest, Slow growing (~8 yrs to mature), Low fecundity
Colletes aestivalis	A Cellophane Bee	Poorly known and rare species
Crassostrea virginica	American oyster	Threatened by sea level rise / climate change and in need of continued restoration and management
Danaus plexippus	Monarch	Critical rangewide declines documented
Elliptio complanata	Eastern Elliptio	Population abundance and range for ELCO is rapidly diminishing, now extirpated in most of its former range and many areas where it still exists aren't reproducing. Climate change threatens this species due to increasing stromwater damage to its habitat, and saltwater intrusion into tidal freshwater habitats, among other factors
Geukensia demissa	Ribbed Mussel	Climate change is a threat due to sea level rise and other issues, mainly associated with lost/degraded mussel habitat. On average, 95% of marshes are eroding at the edge by rates of 1 meter per year, and so the species never has the time to recruit and grow up into their normal dense communities in these eroding areas.

Gyraulus deflectus	Flexed Gyro	Rare in DE, at southern edge of distribution on Delmarva
Haliaeetus leucocephalus	Bald Eagle	Population remains dependent on management and monitoring (federal post-delisting monitoring ongoing) and is subject to threat from sea level rise.
Lasioglossum marinum	A Sweat Bee	Coastal dune sand specialist threatened by sea level rise
Lasioglossum nymphale	A Sweat Bee	Sand specialist species with limited habitat in DE, Northern edge of the range
Lestes australis	Southern Spreadwing	Pending S-rank change
Lestes congener	Spotted Spreadwing	Pending S-rank change
Lithobates sylvaticus	Wood Frog	Ephemeral wetland obligate species with signficant proportion of Delaware populations affected by ranavirus
Littoridinops tenuipes	Henscomb Hydrobe	Species of Coastal Plain freshwater marshes, threatened by sea level rise
Mustela frenata	Long-tailed Weasel	Data needs species that was historically fairly common in Delaware, but with very few recent records
Neovison vison	Mink	Data needs species that appears to have declined in Delaware, with regional concern about declines as well
Nomada rubicunda	A Cuckoo Bee	Rare, deep sand specialist
Notophthalmus viridescens	Eastern Newt	Species S rank does not reflect currently documented restricted distribution
Phalaropus lobatus	Red-necked Phalarope	Large declines at Bay of Fundy migratory stopover areas in the 1990s, with no further evidence on population trend available (Andres et al. 2012)
Photinus floridanus	A Firefly	Population in DE confirmed in 2015 is only population known north of Florida. Species was previously believed to be a FL endemic
Photinus ignitus	A Firefly	Popluation in DE confirmed in 2015 represents only known site in DE
Photuris cinctipennis	A Firefly	Rare species in DE
Photuris mysticalampas	A Firefly	Newly described species, possible Delmarva endemic, not yet S-ranked. Will be S1
Photuris salina	A Firefly	Rare and declining species highly threatened by sea-level rise.
Physa carolinae	Carolina Physa	Rare in DE, Southern Atlantic Coastal Plain species at northern edge of distribution on Delmarva
Progomphus obscurus	Common Sanddragon	Pending S-rank change

Promenetus exacuous	Keeled Promenetus	Uncommon species of Coastal Plain swamps, wetlands, and backwater, susceptible to eutrophication
Psorthaspis mariae	A Spider Wasp	Disjunct population of habitat specialist species
Psorthaspis sanguinea	A Spider Wasp	Disjunct population of habitat specialist species
Pyractomena dispersa	A Firefly	Described in 1947 from northern DE. Should be ranked SH
Pyractomena ecostata	A Firefly	Rare saltmarsh species threatened by sea-level rise
Rana kauffeldi	Atlantic Coast Leopard Frog	Newly described species under high threat from sea level rise, not yet S or G-ranked
Tringa flavipes	Lesser Yellowlegs	Population in signficant decline (Andres et al. 2012)