

P E N N S Y L V A N I A
W I L D L I F E A C T I O N P L A N
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Species of Greatest Conservation Need

APPENDIX 1.3

Table 1. Pennsylvania Species of Greatest Conservation Need, 2025-2035.

Birds

Mammals

Amphibians

Reptiles

Fishes

Invertebrates

Table 2. Species of Greatest Conservation Need removed from 2015 list, with justification.

Table 3. Data Deficient species, 2025-2035.

Acronyms. Definition of acronyms used frequently in this Appendix.





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Pennsylvania Species of Greatest Conservation Need, 2025-2035

Table 1. 2025-2035 Pennsylvania Species of Greatest Conservation Need (SGCN), listed phylogenetically by taxonomic group and with justification for inclusion in the Wildlife Action Plan (PA WAP; Chapter 1, Fig. 1.2A,B). Note that bird species are identified as SGCN for one or more focal seasons: breeding, migration and/or winter, as indicated, and hibernating bat species are SGCN in breeding and wintering seasons. (R) - Species for which Pennsylvania is responsible for $\geq 10\%$ of North American population or $\geq 25\%$ of North American range (i.e., Pennsylvania responsibility species). “New” - Species added as SGCN in 2025 that were not SGCN in the 2015-25 PA WAP. “Maintained” – Species retained as SGCN between 2015 and 2025 PA WAPs. **Totals: 858 SGCN; 86 birds, 21 mammals, 47 fishes, 19 amphibians, 18 reptiles, 667 invertebrates.**

BIRDS					
Common Name	Scientific Name	Breeding Season	Migration Season	Wintering Season	Selection Criteria
Blue-winged Teal	<i>Spatula discors</i>	Maintained			S2B, high threat impact and short-term decline of 50-70% in PA
American Black Duck	<i>Anas rubripes</i>	Maintained		Maintained	<u>Breeding</u> : S3B; <u>Wintering</u> : RSGCN and 2025-35 PA WAP breeding season SGCN
Green-winged Teal	<i>Anas crecca</i>	Maintained			S3B
Ruffed Grouse	<i>Bonasa umbellus</i>	Maintained		Maintained	<u>Breeding</u> : RSGCN with high threat impact and short-term decline of 30-50% in PA, S3B; <u>Wintering</u> : RSGCN and 2025-35 PA WAP breeding season SGCN
Pied-billed Grebe	<i>Podilymbus podiceps</i>	Maintained			S1B
Black-billed Cuckoo	<i>Coccyzus erythrophthalmus</i>	New	New (R)		<u>Breeding</u> : USFWS Birds of Conservation Concern 2021 with high threat impact and short-term decline of 30-50% in PA, S3B; <u>Migration</u> : USFWS Birds of Conservation Concern 2021, PA



					hosts a significant proportion of the eastern U.S. migrant population (54% spring, 32% fall)
Common Nighthawk	<i>Chordeiles minor</i>	Maintained			S1B
Eastern Whip-poor-will	<i>Antrostomus vociferus</i>	Maintained	New (R)		<u>Breeding</u> : S3B; <u>Migration</u> : Canada Species at Risk, RSGCN, Road to Recovery Tipping Point Species, USFWS N. Atlantic-Appalachian Region At-Risk Species, USFWS Birds of Conservation Concern 2021, PA hosts a significant proportion of the eastern U.S. migrant population (46% spring)
Chimney Swift	<i>Chaetura pelagica</i>	Maintained			IUCN Vulnerable, S3B
Sora	<i>Porzana carolina</i>	Maintained			S3B
King Rail	<i>Rallus elegans</i>	Maintained			S1B, PA Endangered
Virginia Rail	<i>Rallus limicola</i>	Maintained			S3?B
Common Gallinule	<i>Gallinula galeata</i>	Maintained			S3B
American Coot	<i>Fulica americana</i>	Maintained			S1B
Black Rail	<i>Laterallus jamaicensis</i>	New			G3T1, IUCN Endangered, U.S. Threatened, S1B, PA Threatened
Killdeer	<i>Charadrius vociferus</i>	New			S3B, high threat impact and short-term decline of 10-30% in PA
Piping Plover (Great Lakes population)	<i>Charadrius melodus</i>	Maintained	Maintained		<u>Breeding</u> : G3, U.S. Endangered, S1B, PA Endangered; <u>Migration</u> : U.S. Endangered
Upland Sandpiper	<i>Bartramia longicauda</i>	Maintained			S1B, PA Endangered
Red Knot	<i>Calidris canutus rufa</i>		Maintained		U.S. Threatened
Wilson's Snipe	<i>Gallinago delicata</i>	Maintained			S3B



Spotted Sandpiper	<i>Actitis macularius</i>	Maintained			S3B, high threat impact and short-term decline of 30-50% in PA
Black Tern	<i>Chlidonias niger</i>	Maintained			S1B, PA Endangered
Common Tern	<i>Sterna hirundo</i>	Maintained			S1B, PA Endangered
Least Bittern	<i>Botaurus exilis</i>	Maintained			S2B, PA Endangered
American Bittern	<i>Botaurus lentiginosus</i>	Maintained			S1B, PA Endangered
Yellow-crowned Night Heron	<i>Nyctanassa violacea</i>	Maintained			S1B, PA Endangered
Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	Maintained			S1B, PA Endangered, high threat impact and short-term decline of 80-90% in PA
Great Egret	<i>Ardea alba</i>	Maintained			S1B, PA Endangered, high threat impact and short-term decline of 30-50% in PA
Great Blue Heron	<i>Ardea herodias</i>	New			High threat impact and short-term decline of 10-30% in PA
Golden Eagle (Eastern pop.)	<i>Aquila chrysaetos</i>		Maintained (R)	Maintained	<u>Migration</u> : RSGCN, PA hosts a significant proportion of the eastern U.S. migrant population (100% spring, 100% fall); <u>Wintering</u> : RSGCN and 2025-35 PA WAP migration season SGCN
Sharp-shinned Hawk	<i>Accipiter striatus</i>	Maintained	Maintained (R)	New	<u>Breeding</u> : Raptors at Risk with high threat impact and short-term decline of 50-70% in PA, S3B; <u>Migration</u> : Raptors at Risk, PA hosts a significant proportion of the eastern U.S. migrant population (37% spring, 36% fall); <u>Wintering</u> : Raptors at Risk and



					2025-35 PA WAP breeding and migration season SGCN
American Goshawk	<i>Astur atricapillus</i>	Maintained		Maintained	<u>Breeding</u> : Raptors at Risk with very high threat impact and short-term decline of 30-50% in PA, S1B, PA Endangered; <u>Wintering</u> : Raptors at Risk and 2025-35 PA WAP breeding season SGCN
Northern Harrier	<i>Circus hudsonius</i>	Maintained		New	<u>Breeding</u> : Raptors at Risk with very high threat impact and short-term decline of 30-50% in PA, S2B, PA Threatened; <u>Wintering</u> : Raptors at Risk and 2025-35 PA WAP breeding season SGCN
American Barn Owl	<i>Tyto furcata</i>	Maintained		New	<u>Breeding</u> : Canada Species at Risk with high threat impact and short-term decline of 50-70% in PA, S2B; <u>Wintering</u> : Canada Species at Risk and 2025-35 PA WAP breeding season SGCN
Long-eared Owl	<i>Asio otus</i>	Maintained		Maintained	<u>Breeding</u> : S1B, PA Threatened; <u>Wintering</u> : USFWS Birds of Conservation Concern 2021 and 2025-35 PA WAP breeding season SGCN
Short-eared Owl	<i>Asio flammeus</i>	Maintained		Maintained	<u>Breeding</u> : S1B, PA Endangered; <u>Wintering</u> : Canada Species at Risk, USFWS Birds of Conservation Concern 2021 and 2025-35 PA WAP breeding season SGCN



Northern Saw-whet Owl	<i>Aegolius acadicus</i>	Maintained	Maintained (R)	New	<u>Breeding</u> : S3B, USFWS Birds of Conservation Concern 2021; <u>Migration</u> : USFWS Birds of Conservation Concern 2021, PA hosts a significant proportion of the eastern U.S. migrant population (96% fall); <u>Wintering</u> : USFWS Birds of Conservation Concern 2021 and 2025-35 PA WAP breeding and migration season SGCN
Red-headed Woodpecker	<i>Melanerpes erythrocephalus</i>	Maintained			<u>Breeding</u> : S3B; <u>Wintering</u> : Canada Species at Risk, USFWS Birds of Conservation Concern 2021 and 2025-35 PA WAP breeding season SGCN
American Kestrel	<i>Falco sparverius</i>	Maintained		New	<u>Breeding</u> : S3B; <u>Wintering</u> : Raptors at Risk and 2025-35 PA WAP breeding season SGCN
Peregrine Falcon	<i>Falco peregrinus</i>	Maintained			S1B
Olive-sided Flycatcher	<i>Contopus cooperi</i>	Maintained			S1B
Yellow-bellied Flycatcher	<i>Empidonax flaviventris</i>	Maintained			S1B, PA Endangered
Willow Flycatcher	<i>Empidonax traillii</i>	Maintained			High threat impact and short-term decline of 10-30% in PA
Loggerhead Shrike	<i>Lanius ludovicianus</i>	Maintained			S1B, PA Endangered
Horned Lark	<i>Eremophila alpestris</i>	New			S3B, high threat impact and short-term decline of 50-70% in PA



Bank Swallow	<i>Riparia riparia</i>	Maintained			Canada Species at Risk with high threat impact and short-term decline of 70-80% in PA, S2B
Tree Swallow	<i>Tachycineta bicolor</i>	New			High threat impact and short-term decline of 10-30% in PA
Purple Martin	<i>Progne subis</i>	Maintained			S3B
Barn Swallow	<i>Hirundo rustica</i>	New			Canada Species at Risk with high threat impact and short-term decline of 10-30% in PA
Cliff Swallow	<i>Petrochelidon pyrrhonota</i>	New			S3B
Winter Wren	<i>Troglodytes hiemalis</i>	Maintained			S3B, high threat impact and short-term decline of 50-70% in PA
Sedge Wren	<i>Cistothorus stellaris</i>	Maintained			S1B, PA Endangered
Marsh Wren	<i>Cistothorus palustris</i>	Maintained			S3B
Gray Catbird	<i>Dumetella carolinensis</i>	Maintained (R)			PA Responsibility (10% of North American breeding population)
Veery	<i>Catharus fuscescens</i>		New (R)		USFWS Birds of Conservation Concern 2021, PA hosts a significant proportion of the eastern U.S. migrant population (55% spring, 54% fall)
Swainson's Thrush	<i>Catharus ustulatus</i>	Maintained			S3B, high threat impact and short-term decline of 10-30% in PA
Wood Thrush	<i>Hylocichla mustelina</i>	Maintained (R)	Maintained (R)		<u>Breeding</u> : PA Responsibility (10.2% of North American breeding population); <u>Migration</u> : Canada Species at Risk, RSGCN, Road to Recovery Tipping Point Species, USFWS N. Atlantic-



					Appalachian Region At-Risk Species, USFWS Birds of Conservation Concern 2021, PA hosts a significant proportion of the eastern U.S. migrant population (34% spring, 44% fall)
Evening Grosbeak	<i>Coccothraustes vespertinus</i>		New (R)	New (R)	<u>Migration</u> : Canada Species at Risk, Road to Recovery Tipping Point Species, USFWS Birds of Conservation Concern 2021, PA hosts a significant proportion of the eastern U.S. migrant population (100% spring, 93% fall); <u>Wintering</u> : Canada Species at Risk, Road to Recovery Tipping Point Species, USFWS Birds of Conservation Concern 2021 and 2025-35 PA WAP migration season SGCN
Red Crossbill	<i>Loxia curvirostra</i>	Maintained			S1B
Pine Siskin	<i>Spinus pinus</i>	Maintained			S1B
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	Maintained			USFWS Birds of Conservation Concern 2021 with high threat impact and short-term decline of 30-50% in PA, S3B
Field Sparrow	<i>Spizella pusilla</i>	Maintained		New	<u>Breeding</u> : Road to Recovery Tipping Point Species with high threat impact and short-term decline of 10-30% in PA, S3B; <u>Wintering</u> : Road to Recovery



					Tipping Point Species and 2025-35 PA WAP breeding season SGCN
White-throated Sparrow	<i>Zonotrichia albicollis</i>	Maintained			S3B
Vesper Sparrow	<i>Pooecetes gramineus</i>	Maintained			S2B, very high threat impact and short-term decline of 70-80% in PA
Henslow's Sparrow	<i>Centronyx henslowii</i>	Maintained			Canada Species at Risk, Road to Recovery Tipping Point Species, USFWS Birds of Conservation Concern 2021 with very high threat impact and short-term decline of 30-50% in PA, S2B
Savannah Sparrow	<i>Passerculus sandwichensis</i>	Maintained			S3B, high threat impact and short-term decline of 50-70% in PA
Yellow-breasted Chat	<i>Icteria virens</i>	Maintained			Canada Species at Risk, USFWS Birds of Conservation Concern 2021 with high threat impact and short-term decline of 50-70% in PA, S2B
Bobolink	<i>Dolichonyx oryzivorus</i>	Maintained			Canada Species at Risk, Road to Recovery Tipping Point Species, USFWS Birds of Conservation Concern 2021 with high threat impact and short-term decline of 10-30% in PA, S3B
Eastern Meadowlark	<i>Sturnella magna</i>	Maintained		New	<u>Breeding</u> : RSGCN, Canada Species at Risk, USFWS Birds of Conservation Concern 2021 with very high threat impact and short-



					term decline of 30-50% in PA, S2B; <u>Wintering</u> : RSGCN, Canada Species at Risk, USFWS Birds of Conservation Concern 2021 and 2025-35 PA WAP breeding season SGCN
Louisiana Waterthrush	<i>Parkesia motacilla</i>	Maintained	Maintained (R)		<u>Breeding</u> : Canada Species at Risk with high threat impact and short- term decline of 10-30% in PA; <u>Migration</u> : Canada Species at Risk, PA hosts a significant proportion of the eastern U.S. migrant population (33% spring, 37% fall)
Northern Waterthrush	<i>Parkesia noveboracensis</i>	Maintained			S2B
Golden-winged Warbler	<i>Vermivora chrysoptera</i>	Maintained			S2B
Blue-winged Warbler	<i>Vermivora cyanoptera</i>	Maintained			RSGCN, USFWS Birds of Conservation Concern 2021 with high threat impact and short-term decline of 30-50% in PA, S3B
Prothonotary Warbler	<i>Protonotaria citrea</i>	Maintained			S1B
Nashville Warbler	<i>Leiothlypis ruficapilla</i>	Maintained			S2S3B, high to very high threat impact and short-term decline of 30-50% in PA
Connecticut Warbler	<i>Oporornis agilis</i>		New (R)		USFWS Birds of Conservation Concern 2021, PA hosts a significant proportion of the eastern U.S. migrant population (51% fall)



Kentucky Warbler	<i>Geothlypis formosa</i>	Maintained			USFWS Birds of Conservation Concern 2021 with high threat impact and short-term decline of 30-50% in PA, S3B
Cape May Warbler	<i>Setophaga tigrina</i>		New (R)		USFWS Birds of Conservation Concern 2021, PA hosts a significant proportion of the eastern U.S. migrant population (33% spring, 49% fall)
Cerulean Warbler	<i>Setophaga cerulea</i>	Maintained	Maintained (R)		<u>Breeding</u> : RSGCN, Canada Species at Risk, Road to Recovery Tipping Point Species, USFWS N. Atlantic-Appalachian Region At-Risk Species, USFWS Birds of Conservation Concern 2021 with high threat impact and short-term decline of 30-50% in PA, S3B; <u>Migration</u> : Canada Species at Risk, RSGCN, Road to Recovery Tipping Point Species, USFWS N. Atlantic-Appalachian Region At-Risk Species, USFWS Birds of Conservation Concern 2021, PA hosts a significant proportion of the eastern U.S. migrant population (25% spring, 40% fall)
Blackpoll Warbler	<i>Setophaga striata</i>	Maintained			S1B, PA Endangered
Prairie Warbler	<i>Setophaga discolor</i>	Maintained			Road to Recovery Tipping Point Species and USFWS Birds of Conservation Concern 2021 with



					high threat impact and short-term decline of 30-50% in PA, S3B
Black-throated Green Warbler	<i>Setophaga virens</i>	Maintained			High threat impact and short-term decline of 30-50% in PA
Canada Warbler	<i>Cardellina canadensis</i>	Maintained	New (R)		<u>Breeding</u> : Canada Species at Risk, USFWS Birds of Conservation Concern 2021 with high threat impact and short-term decline of 10-30% in PA, S3B; <u>Migration</u> : Canada Species at Risk, USFWS Birds of Conservation Concern 2021, PA hosts a significant proportion of the eastern U.S. migrant population (46% spring, 24% fall)
Summer Tanager	<i>Piranga rubra</i>	Maintained			S1B
Scarlet Tanager	<i>Piranga olivacea</i>	Maintained (R)	New (R)		<u>Breeding</u> : PA Responsibility (13% of North American breeding population); <u>Migration</u> : USFWS Birds of Conservation Concern 2021, PA hosts a significant proportion of the eastern U.S. migrant population (42% spring, 52% fall)
Dickcissel	<i>Spiza americana</i>	Maintained			S1B, PA Endangered



MAMMALS					
Common Name	Scientific Name	Breeding Season	Wintering Season	Year-round	Selection Criteria
West Virginia Water Shrew	<i>Sorex palustris punctulatus</i>			Maintained	S2?, PA Threatened
Eastern Water Shrew	<i>Sorex albibarbis</i>			Maintained	S3
Long-tailed Shrew	<i>Sorex dispar</i>			Maintained (R)	PA Responsible (>25% of N. American range)
Maryland Shrew	<i>Sorex fontinalis</i>			Maintained (R)	PA Responsible (>25% of N. American range)
North American Least Shrew	<i>Cryptotis parvus</i>			Maintained	S1, PA Endangered, very high threat impact and short-term decline of 10-30% in PA
Little Brown Bat	<i>Myotis lucifugus</i>	Maintained	Maintained		<u>Breeding and wintering</u> : G3G4, IUCN Endangered, S2B, PA Endangered
Indiana Bat	<i>Myotis sodalis</i>	Maintained	Maintained		<u>Breeding and wintering</u> : G2, U.S. Endangered, RSGCN and Canada Species at Risk with high threat impact and short-term decline of >90% in PA, S1B, PA Endangered
Eastern Small-footed Bat	<i>Myotis leibii</i>	Maintained	Maintained		<u>Breeding and wintering</u> : IUCN Endangered, S3B, PA Threatened
Northern Long-eared Bat	<i>Myotis septentrionalis</i>	Maintained	Maintained		<u>Breeding and wintering</u> : G2G3, U.S. Endangered, S1B, PA Endangered
Silver-haired Bat	<i>Lasionycteris noctivagans</i>	Maintained			G3G4, RSGCN with high threat impact and short-term decline of up to 30% in PA, S1B
Tricolored Bat	<i>Perimyotis subflavus</i>	Maintained	Maintained		<u>Breeding and wintering</u> : G3G4, IUCN Vulnerable, U.S. Proposed Endangered, RSGCN and Canada Species at Risk with high threat impact



					and short-term decline of >90% in PA, S2B, PA Endangered
Eastern Red Bat	<i>Lasiurus borealis</i>	New			G3G4
Northern Hoary Bat	<i>Lasiurus cinereus</i>	New			G3G4
Appalachian Cottontail	<i>Sylvilagus obscurus</i>			Maintained	S3
Snowshoe Hare	<i>Lepus americanus</i>			New	S3, unknown short-term trend and very high threat impact in PA
Eastern Fox Squirrel	<i>Sciurus niger vulpinus</i>			Maintained (R)	S2, PA Responsible (>25% of N. American range)
Northern Flying Squirrel	<i>Glaucomys sabrinus macrotis</i>			Maintained	S1, PA Endangered, high threat impact and short-term decline of 30-50% in PA
Prairie Deermouse	<i>Peromyscus maniculatus bairdii</i>			Maintained	Short-term decline and high threat impact in PA
Allegheny Woodrat	<i>Neotoma magister</i>			Maintained	G3G4, RSGCN with very high threat impact and short-term decline of 10-30% in PA, S2, PA Threatened
Rock Vole	<i>Microtus chrotorrhinus</i>			Maintained	S3
Alleghanian Spotted Skunk	<i>Spilogale putorius</i>			Maintained	IUCN Vulnerable, S1, unknown short-term trend and high threat impact in PA



AMPHIBIANS			
Common Name	Scientific Name	Year-round	Selection Criteria
Jefferson Salamander	<i>Ambystoma jeffersonianum</i>	Maintained	S3S4
Blue-spotted Salamander	<i>Ambystoma laterale</i>	Maintained	RSGCN, S1S2, PA Endangered
Marbled Salamander	<i>Ambystoma opacum</i>	Maintained	S3
Eastern Tiger Salamander	<i>Ambystoma tigrinum</i>	New	SX-Recoverable
Eastern Hellbender	<i>Cryptobranchus alleganiensis alleganiensis</i>	Maintained	IUCN Vulnerable, RSGCN, S3
Green Salamander	<i>Aneides aeneus</i>	Maintained	G3G4, S2, PA Threatened
Northern Ravine Salamander	<i>Plethodon electromorphus</i>	Maintained	S2S3
Eastern Mud Salamander	<i>Pseudotriton montanus montanus</i>	Maintained	SH-Recoverable, PA Endangered
Mudpuppy	<i>Necturus maculosus</i>	Maintained	S3S4
Fowler's Toad	<i>Anaxyrus fowleri</i>	Maintained	S2S3
Eastern Cricket Frog	<i>Acris crepitans</i>	Maintained	S1, PA Endangered
Upland Chorus Frog	<i>Pseudacris feriarum</i>	Maintained	S1
New Jersey Chorus Frog	<i>Pseudacris kalmi</i>	Maintained	SH-Recoverable, PA Endangered, very high threat impact and short-term population decline of 10-30%
Western Chorus Frog	<i>Pseudacris triseriata</i>	Maintained	SH-Recoverable
Mountain Chorus Frog	<i>Pseudacris brachyphona</i>	Maintained	S1S2, very high threat impact and short-term population decline of 10-30%
Eastern Spadefoot	<i>Scaphiopus holbrookii</i>	Maintained	S2S3, PA Threatened
Northern Leopard Frog	<i>Lithobates pipiens</i>	Maintained	S2S3
Coastal Plains Leopard Frog	<i>Lithobates sphenoccephalus utricularius</i>	Maintained	S1, PA Endangered
Atlantic Coast Leopard Frog	<i>Lithobates kauffeldi</i>	New	G3G4, S1, PA Endangered



REPTILES			
Common Name	Scientific Name	Year-round	Selection Criteria
Spotted Turtle	<i>Clemmys guttata</i>	Maintained	IUCN Endangered, S3
Wood Turtle	<i>Glyptemys insculpta</i>	Maintained	G2G3, IUCN Endangered, S3S4
Bog Turtle	<i>Glyptemys muhlenbergii</i>	Maintained	G2G3, IUCN Critically Endangered, U.S. Threatened, RSGCN, S2, PA Endangered
Blanding's Turtle	<i>Emydoidea blandingii</i>	Maintained	IUCN Endangered, S1, PA Candidate
Northern Red-bellied Cooter	<i>Pseudemys rubriventris</i>	Maintained	S3, PA Threatened
Woodland Box Turtle	<i>Terrapene carolina carolina</i>	Maintained	IUCN Vulnerable, S3S4
Eastern Mud Turtle	<i>Kinosternon subrubrum subrubrum</i>	Maintained	S1, PA Endangered
Northern Coal Skink	<i>Plestiodon anthracinus anthracinus</i>	Maintained	S3
Broadhead Skink	<i>Plestiodon laticeps</i>	Maintained	S2, PA Candidate
Eastern Worm Snake	<i>Carphophis amoenus amoenus</i>	Maintained	S2S3
Kirtland's Snake	<i>Clonophis kirtlandii</i>	Maintained	G2, SH-Recoverable, PA Endangered
Eastern Hog-nosed Snake	<i>Heterodon platirhinos</i>	Maintained	S3
Northern Rough Greensnake	<i>Opheodrys aestivus</i>	Maintained	S1, PA Endangered
Queen Snake	<i>Regina septemvittata</i>	Maintained	S3S4
Eastern Smooth Earthsnake	<i>Virginia valeriae valeriae</i>	Maintained	S1
Eastern Copperhead	<i>Agkistrodon contortrix</i>	Maintained	S3S4
Timber Rattlesnake	<i>Crotalus horridus</i>	Maintained	S3S4
Eastern Massasauga	<i>Sistrurus catenatus</i>	Maintained	G3, U.S. Threatened, PA Endangered



FISHES			
Common Name	Scientific Name	Year-round	Selection Criteria
Ohio Lamprey	<i>Ichthyomyzon bdellium</i>	Maintained	G3G4
Northern Brook Lamprey	<i>Ichthyomyzon fossor</i>	Maintained	S1, PA Endangered
Checkered Sculpin	<i>Cottus sp. 7</i>	Maintained	S2
Shortnose Sturgeon	<i>Acipenser brevirostrum</i>	Maintained	G3, IUCN Vulnerable, U.S. Endangered, RSGCN, S2, PA Endangered
Lake Sturgeon	<i>Acipenser fulvescens</i>	Maintained	G3G4, IUCN Endangered, S1, PA Endangered
Atlantic Sturgeon	<i>Acipenser oxyrinchus</i>	Maintained	G3, IUCN Vulnerable, U.S. Endangered, S2, PA Endangered
Spotted Gar	<i>Lepisosteus oculatus</i>	Maintained	S1, PA Endangered
American Eel	<i>Anguilla rostrata</i>	Maintained	IUCN Endangered
Blueback Herring	<i>Alosa aestivalis</i>	Maintained	G3G4, IUCN Vulnerable, S3
Alewife	<i>Alosa pseudoharengus</i>	Maintained	S3
American Shad	<i>Alosa sapidissima</i>	Maintained	RSGCN, high threat impact and short-term population decline of 10-30% in PA, S3
Cisco	<i>Coregonus artedii</i>	Maintained	SX-Recoverable, PA Endangered
Lake Whitefish	<i>Coregonus clupeaformis</i>	New	S3S4
Brook Trout	<i>Salvelinus fontinalis</i>	Maintained	S3S4
Redside Dace	<i>Clinostomus elongatus</i>	Maintained	G3
Bigeye Chub	<i>Hybopsis amblops</i>	New	S3
Hornyhead Chub	<i>Nocomis biguttatus</i>	Maintained	S1, PA Endangered
Popeye Shiner	<i>Notropis ariommus</i>	New	G3, SX-Recoverable
Bridle Shiner	<i>Notropis bifrenatus</i>	Maintained	G3, S1, PA Endangered
Ghost Shiner	<i>Paranotropis buchanani</i>	Maintained	S3, PA Endangered
Ironcolor Shiner	<i>Alburnops chalybaeus</i>	Maintained	S1, PA Endangered



Bigmouth Shiner	<i>Ericymba dorsalis</i>	Maintained	S1S2, PA Threatened
Blackchin Shiner	<i>Miniellus heterodon</i>	Maintained	S1, PA Endangered
Blacknose Shiner	<i>Notropis heterolepis</i>	New	S1, PA Endangered
Swallowtail Shiner	<i>Miniellus procne</i>	Maintained	S3S4
Northern Redbelly Dace	<i>Chrosomus eos</i>	Maintained	S1, PA Endangered
Southern Redbelly Dace	<i>Chrosomus erythrogaster</i>	Maintained	S2, PA Threatened
Redfin Shiner	<i>Lythrurus umbratilis</i>	Maintained	S2, PA Endangered
Pugnose Minnow	<i>Opsopoeodus emiliae</i>	New	S1, PA Endangered
Longnose Sucker	<i>Catostomus catostomus</i>	Maintained	RSGCN, very high threat impact and short-term population decline of >30% in PA, S1, PA Endangered
Bigmouth Buffalo	<i>Ictiobus cyprinellus</i>	Maintained	S1, PA Endangered
Spotted Sucker	<i>Minytrema melanops</i>	Maintained	S2, PA Threatened
Mountain Madtom	<i>Noturus eleutherus</i>	Maintained	S4, PA Endangered
Tadpole Madtom	<i>Noturus gyrinus</i>	Maintained	S1, PA Endangered
Brindled Madtom	<i>Noturus miurus</i>	Maintained	S2, PA Threatened
Northern Madtom	<i>Noturus stigmosus</i>	Maintained	G3
White Catfish	<i>Ameiurus catus</i>	Maintained	S3
Burbot (Lake Erie population)	<i>Lota lota pop. 3</i>	Maintained	S3
Burbot (Allegheny River population)	<i>Lota lota pop. 4</i>	Maintained	S3
Warmouth	<i>Lepomis gulosus</i>	Maintained	S4, PA Endangered
Longear Sunfish	<i>Lepomis megalotis</i>	Maintained	S1, PA Endangered
Eastern Sand Darter	<i>Ammocrypta pellucida</i>	Maintained	S1S2, PA Endangered
Iowa Darter	<i>Etheostoma exile</i>	Maintained	S1, PA Endangered



Spotted Darter	<i>Nothonotus maculatus</i>	Maintained	G3, IUCN Vulnerable
Tippecanoe Darter	<i>Nothonotus tippecanoe</i>	Maintained	G3
Longhead Darter	<i>Percina macrocephala</i>	Maintained	G3
Chesapeake Logperch	<i>Percina bimaculata</i>	Maintained	G1, IUCN Vulnerable, S2, PA Threatened





AQUATIC & TERRESTRIAL INVERTEBRATES			
Common Name	Scientific Name	Year-round	Selection Criteria
<i>Fairy, Clam, and Tadpole Shrimps</i>			
Eastern Fairy Shrimp	<i>Eubbranchipus holmanii</i>	New	S1S3
Euroamerican Clam Shrimp	<i>Limnadia lenticularis</i>	New	S1S3
Feminine Clam Shrimp	<i>Cyzicus gynecia</i>	New	G2Q, RSGCN, S1S2
<i>Amphipods, Copepods, and Isopods</i>			
Price's Cave Isopod	<i>Conasellus pricei</i>	Maintained	S3S4
Franz's Cave Isopod	<i>Caecidotea franzi</i>	Maintained	G2G4, S1S3
An Isopod	<i>Caecidotea kenki</i>	Maintained	G3, S2?
Biggers' Cave Amphipod	<i>Stygobromus biggersi</i>	Maintained	G2G4, S1
Shenandoah Valley Cave Amphipod	<i>Stygobromus gracilipes</i>	Maintained	G3G4, S1, high threat impact
Pizzini's Cave Amphipod	<i>Stygobromus pizzinii</i>	Maintained	G3G4, IUCN Vulnerable, S1S2
Potomac Groundwater Amphipod	<i>Stygobromus tenuis potomacus</i>	Maintained	S1
Franz's Cave Amphipod	<i>Stygobromus franzi</i>	Maintained	G3G4, S1
Allegheny Cave Amphipod	<i>Stygobromus allegheniensis</i>	Maintained	S3S4
Stellmack's Cave Amphipod	<i>Stygobromus stellmacki</i>	Maintained	IUCN Vulnerable, G1G2, S1
Pennsylvania Cave Amphipod	<i>Crangonyx dearolfi</i>	Maintained	G2, IUCN Endangered, S1S2
A freshwater amphipod	<i>Gammarus cohabitus</i>	Maintained	G1G2, S1S2
<i>Crayfishes</i>			
Enigma Crayfish	<i>Cambarus emegi</i>	New	S1, short-term population decline of 30-50% and very high to high threat impact in PA
Little Brown Mudbug	<i>Lacunicambarus thomai</i>	New	S3



Big Water Crayfish	<i>Cambarus robustus</i>	New	S3
Upland Burrowing Crayfish	<i>Cambarus dubius</i>	New	S3
Blue Crayfish	<i>Cambarus monongalensis</i>	New	S3
Devil Crawfish	<i>Lacunicambarus diogenes</i>	New	S1
Northern Clearwater Crayfish	<i>Faxonius propinquus</i>	New	S2
Calico Crayfish	<i>Faxonius immunis</i>	New	S2?
Spinycheek Crayfish	<i>Faxonius limosus</i>	Maintained	S2
Digger Crayfish	<i>Creaserinus fodiens</i>	New	S1, PA Endangered
<i>Diplurans, Springtails, and Proturans</i>			
Heller Cave Springtail	<i>Typhlogastrura helleri</i>	Maintained	RSGCN, unknown short-term population trend and very high threat impact in PA, S1
<i>Tiger Beetles, Fireflies, and Other Beetles</i>			
Encircled Borer	<i>Agrilus subcinctus</i>	New	S1?, short-term population impact and very high to high threat impact
Eight-spotted Flower Longhorn Beetle	<i>Typocerus octonotatus</i>	New	S1S2
Lesser Chestnut Weevil	<i>Curculio sayi</i>	New	S2S3
An ash bark beetle	<i>Hylesinus criddlei</i>	New	S1, short-term population decline of >80% and very high threat impact
An ash seed weevil	<i>Lignyodes bischoffi</i>	New	S1?
An ash seed weevil	<i>Lignyodes fraxini</i>	New	S1?
An ash seed weevil	<i>Lignyodes helvolus</i>	New	S1?
Eastern Ash Bark Beetle	<i>Hylesinus aculeatus</i>	New	S1, short-term population impact and very high threat impact
White-banded Ash Bark Beetle	<i>Hylesinus fasciatus</i>	New	S1, short-term population impact and very high threat impact



Frosty Bark Weevil	<i>Hylesinus pruinus</i>	New	S1, short-term population impact and very high threat impact
Pennsylvania Cave Beetle	<i>Pseudanophthalmus</i> sp. 44	Maintained	SH-Recoverable, unknown short-term population trend and very high threat impact
Darlington's Harp Ground Beetle	<i>Agonum darlingtoni</i>	New	S1S2
Tompkins County Harp Ground Beetle	<i>Platynus indecentis</i>	New	S2S3
Big Sand Tiger Beetle	<i>Cicindela formosa</i>	Maintained	S1, high threat impact
Cobblestone Tiger Beetle	<i>Cicindela marginipennis</i>	Maintained	G3, IUCN Vulnerable, RSGCN, S1
Appalachian Tiger Beetle	<i>Cicindela ancocisconensis</i>	Maintained	G3, S2S3
Hairy-necked Tiger Beetle	<i>Cicindela hirticollis</i>	Maintained	S1
Northern Barrens Tiger Beetle	<i>Cicindela patruela</i>	Maintained	G3, S2?
Ghost Tiger Beetle	<i>Ellipsoptera lepida</i>	Maintained	G3, SX-Recoverable
Cowpath Tiger Beetle	<i>Cicindela purpurea</i>	New	S3
Festive Tiger Beetle	<i>Cicindela scutellaris</i>	Maintained	SX-Recoverable
One-spotted Tiger Beetle	<i>Apterodela unipunctata</i>	Maintained	S1S3
Splendid Tiger Beetle	<i>Cicindela splendida</i>	Maintained	S1S3
Eastern Hercules Beetle	<i>Dynastes tityus</i>	New	S1S2
A click beetle	<i>Paracardiophorus cardisce</i>	New	S2
Goat's Rue Leafminer	<i>Odontota notata</i>	New	SH-Recoverable
Charlie Brown Flea Beetle	<i>Capraita sexmaculata</i>	New	S1S3, very high to high threat impact
Eastern Ironclad Beetle	<i>Phelopsis obcordata</i>	New	S1S3
Spotted Firefly	<i>Lucidota punctata</i>	New	S3S4
<i>Other Flies</i>			
Marchand's Crane Fly	<i>Eutonia marchandi</i>	Maintained	S1S2
A crane fly	<i>Pilaria stanwoodae</i>	New	S1S2, high threat impact



A crane fly	<i>Pilaria vermontana</i>	New	S1S2
A crane fly	<i>Nephrotoma polymera</i>	New	S3S4
A crane fly	<i>Tanyptera dorsalis</i>	New	S3S4
A crane fly	<i>Tipula apicalis</i>	New	S3S4
A crane fly	<i>Tipula dejecta</i>	New	S2
A crane fly	<i>Tipula dorsimacula</i>	New	S1S2
A crane fly	<i>Tipula nobilis</i>	New	S3S4
A crane fly	<i>Tipula noveboracensis</i>	New	S3S4
A crane fly	<i>Tipula subeluta</i>	New	S1S2
A crane fly	<i>Nephrotoma cornifera</i>	New	S1S2
A crane fly	<i>Phalacrocer a tipulina</i>	New	S1S2
A crane fly	<i>Brachypremna dispellens</i>	New	S3S4
A crane fly	<i>Dactylolabis montana</i>	New	S2S3
A crane fly	<i>Geranomyia diversa</i>	New	S1S2
A crane fly	<i>Limnophila tenuicornis</i>	New	S3S4
A robber fly	<i>Laphria champlainii</i>	New	S1S2
A crane fly	<i>Tipula jacobus</i>	New	S3S4
A pitcher plant fly	<i>Fletcherimyia fletcheri</i>	New	S2S3
A leafminer fly	<i>Liriomyza baptisiae</i>	New	SH-Recoverable
Swollen Ash Gall Midge	<i>Dasineura tumidosae</i>	New	S1S2
Ash Bullet Gall Midge	<i>Dasineura peltex</i>	New	S1S2
<i>Other Insects</i>			
New Jersey Tea Lacebug	<i>Gargaphia angulata</i>	New	SH-Recoverable
Wild Indigo Lace Bug	<i>Leptopharsa heidemannii</i>	New	SH-Recoverable
Fringetree Lace Bug	<i>Leptoypha mutica</i>	Maintained	S1S2



A dirt-colored seed bug	<i>Eremocoris depressus</i>	New	SH-Recoverable
A treehopper	<i>Glossonotus nimbatus</i>	New	S1S3
<i>Ants, Sawflies, Horntails, and Allies</i>			
Treat's Collared Ant	<i>Aphaenogaster treatae</i>	New	S1S2
American Sand Wasp	<i>Bembix americana</i>	New	S3
Bee Wolf	<i>Philanthus politus</i>	New	S1S2
A sand wasp	<i>Microbembex monodonta</i>	New	S2
A chalcidid wasp	<i>Hockeria eriensis</i>	New	S1S3
Five-spotted Spider Wasp	<i>Episyron quinquenotatus</i>	New	S1S2
Spiny Ash Sawfly	<i>Eupareophora parca</i>	New	S2
Black-headed Ash Sawfly	<i>Tethida barda</i>	Maintained	S2S3
A spider wasp	<i>Anoplius splendens</i>	New	S1S3
A spider wasp	<i>Anoplius cleora</i>	New	S1S2
A spider wasp	<i>Anoplius cylindricus</i>	New	S2?
A spider wasp	<i>Arachnospila scelestus</i>	New	S1S2
A spider wasp	<i>Anoplius apiculatus</i>	New	S1S2
A spider wasp	<i>Anoplius bengtssoni</i>	New	S1S3
<i>Bumble Bees and Solitary Bees</i>			
Northern Amber Bumble Bee	<i>Bombus borealis</i>	New	S2S4
Red-belted Bumble Bee	<i>Bombus rufocinctus</i>	New	S1S2
Yellow-banded Bumble Bee	<i>Bombus terricola</i>	Maintained	G3G4, IUCN Vulnerable
American Bumble Bee	<i>Bombus pensylvanicus</i>	New	G3G4, IUCN Vulnerable, S1S2
Lemon Cuckoo Bumble Bee	<i>Bombus citrinus</i>	New	S1S3
Indiscriminate Cuckoo Bumble Bee	<i>Bombus insularis</i>	New	G3, S1S2
Sweatbee-like Miner Bee	<i>Perdita halictoides</i>	New	S1S3



Eight-spotted Miner Bee	<i>Perdita octomaculata</i>	New	S1S3
Fringed Loosestrife Oil-collecting Bee	<i>Macropis ciliata</i>	New	S2S3
Common Loosestrife Oil Bee	<i>Macropis nuda</i>	New	SH-Recoverable
Bee's Knees Oil Bee	<i>Macropis patellata</i>	New	RSGCN, SH-Recoverable
A metallic sweat bee	<i>Lasioglossum wheeleri</i>	New	S2S3
A miner bee	<i>Andrena daeckei</i>	New	S2S3
Rightmeyer's Wee Cuckoo Bee	<i>Nomada sp. MR 1</i>	New	S2S4
Summer Miner Bee	<i>Protandrena aestivalis</i>	New	SH-Recoverable
Clark's Miner Bee	<i>Andrena clarkella</i>	New	SH-Recoverable
Pigmented Miner Bee	<i>Andrena chromotricha</i>	New	S1S3
Red-bellied Miner Bee	<i>Andrena erythrogaster</i>	New	S2S3
Cold Miner Bee	<i>Andrena frigida</i>	New	S2S4
Regular Miner Bee	<i>Andrena regularis</i>	New	S3S4
Maria Miner Bee	<i>Andrena mariae</i>	New	SH-Recoverable
Sigmund's Miner Bee	<i>Andrena sigmundi</i>	New	S2S4
An andrenid bee	<i>Andrena wilmattae</i>	New	SH-Recoverable
Icy Miner Bee	<i>Andrena algida</i>	New	S2S4
An andrenid bee	<i>Andrena sayi</i>	New	S3S4
Rehn's Miner Bee	<i>Andrena rehni</i>	New	SH-Recoverable
Bearded Miner Bee	<i>Andrena barbilabris</i>	New	S2S4
Macoupin County Miner Bee	<i>Andrena macoupinensis</i>	New	S3S4
A mining bee	<i>Andrena nida</i>	New	SH-Recoverable
An andrenid bee	<i>Andrena banksi</i>	New	S2S3
An andrenid bee	<i>Andrena ilicis</i>	New	SH-Recoverable
Wheeler's Miner Bee	<i>Andrena wheeleri</i>	New	S3S4



Bellwort Miner Bee	<i>Andrena uvulariae</i>	New	S1S2
A mining bee	<i>Andrena duplicata</i>	New	S1S3
Yellow-faced Miner Bee	<i>Andrena aliciae</i>	New	S2S4
An andrenid bee	<i>Andrena gardineri</i>	New	S2S3
Peaceful Miner Bee	<i>Andrena placata</i>	New	S1S3
An andrenid bee	<i>Andrena rudbeckiae</i>	New	S1S3
Waterleaf Miner Bee	<i>Andrena geranii</i>	New	S2S3
An andrenid bee	<i>Andrena phaceliae</i>	New	S1S3
An andrenid bee	<i>Andrena asteroides</i>	New	SH-Recoverable
An andrenid bee	<i>Andrena dimorpha</i>	New	SH-Recoverable
An andrenid bee	<i>Andrena illini</i>	New	S3S4
An andrenid bee	<i>Andrena lamelliterga</i>	New	SH-Recoverable
Rose Miner Bee	<i>Andrena melanochoa</i>	New	S2S3
Small Willow Miner Bee	<i>Andrena salictaria</i>	New	S1S3
Distant Miner Bee	<i>Andrena distans</i>	New	S3S4
An andrenid bee	<i>Andrena fenningeri</i>	New	S3S4
Bear-like Digger Bee	<i>Anthophora ursina</i>	New	SH-Recoverable
A melittid bee	<i>Melitta melittoides</i>	New	S1S3
Evening Primrose Sweat Bee	<i>Lasioglossum oenotherae</i>	New	S2S3
A sweat bee	<i>Lasioglossum apocyni</i>	New	S3S4
Taylor's Sweat Bee	<i>Lasioglossum taylorae</i>	New	S2S4
Atwood's Sweat Bee	<i>Lasioglossum atwoodi</i>	New	SH-Recoverable
A sweat bee	<i>Lasioglossum cattellae</i>	New	S2S4
A sweat bee	<i>Lasioglossum katherineae</i>	New	S2S4
Foveolate Sweat Bee	<i>Lasioglossum foveolatum</i>	New	S1S2



Awesome Sweat Bee	<i>Lasioglossum izawsum</i>	New	SH-Recoverable
Michigan Sweat Bee	<i>Lasioglossum michiganense</i>	New	S2S3
A sweat bee	<i>Lasioglossum pectinatum</i>	New	S2S4
Hoary Sweat Bee	<i>Lasioglossum pruinosum</i>	New	S2S3
Timothy's Sweat Bee	<i>Lasioglossum timothyi</i>	New	S1S3
White-haired Golden Sweat Bee	<i>Lasioglossum leucocomum</i>	New	S3S4
Dreisbach's Sweat Bee	<i>Lasioglossum dreisbachi</i>	New	S1S3
Misbehaved Sweat Bee	<i>Lasioglossum inconditum</i>	New	S2S3
Common Long-horned Bee	<i>Melissodes communis</i>	New	SH-Recoverable
A callirhoe bee	<i>Melissodes boltoniae</i>	New	S1S3
Drury's Long-horned Bee	<i>Melissodes druriella</i>	New	S3S4
Valiant Long-horned Bee	<i>Melissodes illata</i>	New	S2S4
A callirhoe bee	<i>Melissodes nivea</i>	New	S3S4
Vigorous Long-horned Bee	<i>Melissodes subillata</i>	New	S2S3
A callirhoe bee	<i>Melissodes tepaneca</i>	New	S1S3
Pickerelweed Long-horned Bee	<i>Melissodes apicata</i>	New	S3S4
A callirhoe bee	<i>Melissodes fimbriata</i>	New	S1S3
Macropis Cuckoo Bee	<i>Epeoloides pilosula</i>	New	G3, S1
Sanicle Yellow-faced Bee	<i>Hylaeus saniculae</i>	New	SH-Recoverable
Carrot Yellow-faced Bee	<i>Hylaeus sparsus</i>	New	S2S4
A yellow-faced bee	<i>Hylaeus schwarzii</i>	New	S2
A yellow-masked bee	<i>Hylaeus floridanus</i>	New	S2S3
American Plasterer Bee	<i>Colletes americana</i>	New	S1S2
A cellophane bee	<i>Colletes aestivalis</i>	New	S2S3
Compact Plasterer Bee	<i>Colletes compactus</i>	New	S3S4



A cellophane bee	<i>Colletes eulophi</i>	New	SH-Recoverable
Goldenrod Plasterer Bee	<i>Colletes solidaginis</i>	New	S1S3
Long-faced Plasterer Bee	<i>Colletes validus</i>	New	S1S3
Williston's Plasterer Bee	<i>Colletes willistoni</i>	New	SH-Recoverable
A cellophane bee	<i>Colletes productus</i>	New	SH-Recoverable
Constrained Cuckoo Carder Bee	<i>Stelis coarctatus</i>	New	S2S3
Kissing Cuckoo Carder Bee	<i>Stelis labiata</i>	New	SH-Recoverable
A cuckoo bee	<i>Triepeolus nevadensis</i>	New	S2S3
White-breasted Cuckoo Nomad Bee	<i>Triepeolus pectoralis</i>	New	S2S4
A cuckoo bee	<i>Triepeolus simplex</i>	New	S2S4
Red-lipped Cuckoo Nomad Bee	<i>Triepeolus rhododontus</i>	New	S1S3
A cuckoo bee	<i>Triepeolus quadrifasciatus</i>	New	S1S3
Felt's Mason Bee	<i>Osmia felti</i>	New	G3, S1S2
Distinct Mason Bee	<i>Osmia distincta</i>	New	S1S2
White-faced Summer Mason Bee	<i>Hoplitis albifrons</i>	New	S2S3
A leafcutter bee	<i>Hoplitis simplex</i>	New	S2S4
Pacific Cuckoo Bee	<i>Melecta pacifica</i>	New	S1S2
Petulant Leaf-cutter Bee	<i>Megachile petulans</i>	New	S2S4
A leafcutter bee	<i>Megachile integra</i>	New	G2G3, S2?
A leafcutter bee	<i>Megachile ingenua</i>	New	G2?, S1S2
A mining bee	<i>Protandrena abdominalis</i>	New	RSGCN, SH-Recoverable
Small Miner Bee	<i>Protandrena parvus</i>	New	SH-Recoverable
Poor Miner Bee	<i>Protandrena pauper</i>	New	SH-Recoverable
Mallow Bee	<i>Melitoma taurea</i>	New	S3S4
A cemolobus bee	<i>Cemolobus ipomoeae</i>	New	S3



A long-horned bee	<i>Eucera dubitata</i>	New	S2S3
A long-horned bee	<i>Eucera rosae</i>	New	S1S3
A long-horned bee	<i>Svastra compta</i>	New	SH-Recoverable
Oblique Long-horned Bee	<i>Svastra obliqua</i>	New	S3S4
Dusty Cuckoo Nomad Bee	<i>Holcopasites illinoiensis</i>	New	SH-Recoverable
Collector Cuckoo Nomad Bee	<i>Epeolus lectoides</i>	New	S1S3
A cuckoo nomad bee	<i>Nomada affabilis</i>	New	S2S3
Armed Cuckoo Nomad Bee	<i>Nomada armatella</i>	New	S3S4
Small Cuckoo Nomad Bee	<i>Nomada parva</i>	New	S1S3
A cuckoo nomad bee	<i>Nomada quadrimaculata</i>	New	S2S3
Florida Little Carpenter Bee	<i>Ceratina floridana</i>	New	S2S3
Splendid Sweat Bee	<i>Agapostemon splendens</i>	New	S3
Nimble Cuckoo Sweat Bee	<i>Sphecodes levis</i>	New	SH-Recoverable
Townes's Cuckoo Sweat Bee	<i>Sphecodes townesi</i>	New	S3
A leafcutter bee	<i>Paranthidium jugatorium</i>	New	S3
Banks' Cuckoo Leafcutter Bee	<i>Coelioxys banksi</i>	New	S2S3
Funeral Cuckoo Leafcutter Bee	<i>Coelioxys funeraria</i>	New	S3?
Porter's Cuckoo Leafcutter Bee	<i>Coelioxys porterae</i>	New	S3S4
A leafcutter bee	<i>Coelioxys immaculata</i>	New	S1S3
Alternate Cuckoo Leafcutter Bee	<i>Coelioxys alternata</i>	New	S3?
A leafcutter bee	<i>Coelioxys hunteri</i>	New	SH-Recoverable
Smallpox Sculptured Mason Bee	<i>Heriades variolosus</i>	New	S3?
Sunflower Sweat Bee	<i>Dieunomia heteropoda</i>	New	SH-Recoverable
<i>Moths, Butterflies and Skippers</i>			
Gold-spotted Ghost Moth	<i>Sthenopsis pretiosus</i>	Maintained	G3G4, S2S3



Ash Leaf Cone Roller Moth	<i>Caloptilia fraxinella</i>	New	S1S2
Low Down Ash Bark-miner Moth	<i>Marmara basidendroca</i>	New (R)	S2, PA Responsibility (30% of North American range)
Ash Bark-miner Moth	<i>Marmara fraxinicola</i>	New	S2
Eastern Phacelia Flower Moth	<i>Tinagma gaedikei</i>	New	S1S2
A depressariid moth	<i>Agonopterix costimacula</i>	New	S1S2
MacElhose's Ethmia Moth	<i>Ethmia macelhosiella</i>	New	S1S2
Zeller's Glass Miner Moth	<i>Ethmia zelleriella</i>	New	S3
Streaked Ethmia Moth	<i>Ethmia longimaculella</i>	New	S1S3
New Jersey Tea Leafroller Moth	<i>Filatima n. sp.</i>	New	S1S2
A tortricid moth	<i>Acleris oxycoccana</i>	New	S3?
A tortricid moth (Ceanothus feeder)	<i>Ancylis semiovana</i>	New	S2S3
White-edged Ancylis Moth	<i>Ancylis albacostana</i>	New	S2
Poplar Carpenterworm Moth	<i>Acossus centerensis</i>	New	S3
Ash Borer Moth	<i>Podosesia syringae</i>	Maintained	S1S3
Banded Ash Clearwing Moth	<i>Podosesia aureocincta</i>	New	S1S2
Golden-banded Skipper	<i>Telegonus cellus</i>	Maintained	SH-Recoverable
Southern Cloudywing	<i>Thorybes bathyllus</i>	Maintained	S3
Mottled Duskywing	<i>Erynnis martialis</i>	Maintained	G3, RSGCN, SH-Recoverable
Columbine Duskywing	<i>Erynnis lucilius</i>	Maintained	G3, S1
Persius Duskywing	<i>Erynnis persius</i>	Maintained	S1S2
Appalachian Grizzled Skipper	<i>Pyrgus wyandot</i>	Maintained	G1G2Q, RSGCN, S1
Arctic Skipper	<i>Carterocephalus mandan</i>	Maintained	S2S3
Common Roadside Skipper	<i>Amblyscirtes vialis</i>	Maintained	S3
Long Dash	<i>Polites mystic</i>	Maintained	S3
Leonard's Skipper	<i>Hesperia leonardus</i>	Maintained	S3



Cobweb Skipper	<i>Hesperia metea</i>	Maintained	S2S3
Indian Skipper	<i>Hesperia sassacus</i>	Maintained	S3
Mulberry Wing	<i>Poanes massasoit</i>	Maintained	S3
Broad-winged Skipper	<i>Poanes viator viator</i>	Maintained	S2S3
Black Dash	<i>Euphyes conspicua</i>	Maintained	S3
Dion Skipper	<i>Euphyes dion</i>	Maintained	S3S4
Two-spotted Skipper	<i>Euphyes bimacula</i>	Maintained	S2S3
Dusted Skipper	<i>Atrytonopsis hianna</i>	Maintained	S2
Pink-edged Sulphur	<i>Colias interior</i>	Maintained	S1
Falcate Orangetip	<i>Anthocharis midea</i>	Maintained	S3
Olympia Marble	<i>Euchloe olympia</i>	Maintained	RSGCN, SH-Recoverable
West Virginia White	<i>Pieris virginiensis</i>	Maintained	S3S4
Bronze Copper	<i>Lycaena hyllus</i>	Maintained	S3
Bog Copper	<i>Lycaena epixanthe</i>	Maintained	S3
Acadian Hairstreak	<i>Satyrium acadica</i>	Maintained	S2S3
Edwards' Hairstreak	<i>Satyrium edwardsii</i>	Maintained	S3
Oak Hairstreak	<i>Satyrium favonius</i>	Maintained	S3
Hoary Elfin	<i>Callophrys polios</i>	Maintained	SH-Recoverable
Frosted Elfin	<i>Callophrys irus</i>	Maintained	G3, RSGCN, S1
Henry's Elfin	<i>Callophrys henrici</i>	Maintained	S3
Early Hairstreak	<i>Erora laeta</i>	Maintained	G2G3, RSGCN, S1?
Appalachian Azure	<i>Celastrina neglectamajor</i>	Maintained	G3?, S3
Dusky Azure	<i>Celastrina nigra</i>	Maintained	GU, SX-Recoverable
Silvery Blue	<i>Glaucopsyche lygdamus lygdamus</i>	Maintained	S1S2
Northern Metalmark	<i>Calephelis borealis</i>	Maintained	G3, RSGCN, S2



Monarch	<i>Danaus plexippus</i>	Maintained	U.S. Proposed Threatened, S2S4B
Silver-bordered Fritillary	<i>Boloria myrina</i>	Maintained	S2S3
Regal Fritillary	<i>Argynnis idalia</i>	Maintained	G3?T1, U.S. Proposed Endangered, S1
Green Comma	<i>Polygonia faunus</i>	Maintained	S1
Baltimore Checkerspot	<i>Euphydryas phaeton</i>	Maintained	S3S4
Harris' Checkerspot	<i>Chlosyne harrisii</i>	Maintained	S3
Eyed Brown	<i>Lethe eurydice</i>	Maintained	S3
A crambid snout moth	<i>Argyria nummulalis</i>	New	S2
Young's Grass-veneer Moth	<i>Crambus youngellus</i>	New	S3
Splendid Palpita Moth	<i>Palpita magniferalis</i>	Maintained	S1S3
Pearly Indigo Borer	<i>Sitochroa dasconalis</i>	New	S1S2
Genista Broom Moth	<i>Uresiphita reversalis</i>	New	S2S3
Melsheimer's Sack Bearer Moth	<i>Cicinnus melsheimeri</i>	Maintained	S3
Small Tolyte Moth	<i>Tolyte notialis</i>	Maintained	S3
The Angel Moth	<i>Olceclostera angelica</i>	Maintained	S1
Pine Devil Moth	<i>Citheronia sepulcralis</i>	Maintained	S3
Spiny Oakworm Moth	<i>Anisota stigma</i>	Maintained	S3
Eastern Buckmoth	<i>Hemileuca maia</i>	Maintained	S3S4
Ash Sphinx Moth	<i>Manduca jasminearum</i>	Maintained	G3?, S2
Waved Sphinx Moth	<i>Ceratomia undulosa</i>	New	S3S4
Great Ash Sphinx Moth	<i>Sphinx chersis</i>	Maintained	S1
Franck's Sphinx Moth	<i>Sphinx franckii</i>	Maintained	S1S2
Laurel Sphinx Moth	<i>Sphinx kalmiae</i>	New	S1S3
Slender Clearwing Moth	<i>Hemaris gracilis</i>	Maintained	S2?
Dark Marbled Carpet Moth	<i>Dysstroma citrata</i>	New	S3



Small Phoenix Moth	<i>Ecliptopera silaceata</i>	New	S3
Shiny Gray Carpet Moth	<i>Stamnodes gibbicostata</i>	Maintained	S2S3
Olive and Black Carpet Moth	<i>Acasis viridata</i>	New	S3
Straw Wave Moth	<i>Idaea eremiata</i>	Maintained	S1S2
Violaceous Wave Moth	<i>Idaea violacearia</i>	Maintained	S1S2
Tuscarora Emerald Moth	<i>Nemoria tuscarora</i>	Maintained	S1S3
Rare Spring Moth	<i>Heliomata infulata</i>	Maintained	G3G4, S2S3
Barrens Itame Moth	<i>Macaria exonerata</i>	Maintained	G3G4, RSGCN, S2?
Promiscuous Angle Moth	<i>Macaria promiscuata</i>	Maintained	S3
A geometrid moth	<i>Orthofidonia exornata</i>	New	S1S2
Blueberry Gray Moth	<i>Glena cognataria</i>	Maintained	S3
Woolly Gray Moth	<i>Lycia ypsilon</i>	New	SH-Recoverable
Twilight Moth	<i>Lycia rachelae</i>	Maintained	S1S2
Four-lined Cream Moth	<i>Cabera quadrifasciaria</i>	New	S3
New Jersey Tea Inchworm Moth	<i>Apodrepanulatrix liberaria</i>	Maintained	G3, RSGCN, S1S2
Broad-lined Erastria Moth	<i>Erastria coloraria</i>	Maintained	G3G4, RSGCN, S2S3
Early Metarranthis Moth	<i>Metarranthis sp. 3</i>	Maintained	S3
Barrens Metarranthis Moth	<i>Metarranthis apiciaria</i>	Maintained	G1G3, RSGCN, SH-Recoverable
Purple Plagodis Moth	<i>Plagodis kuetzingi</i>	Maintained	S1S2
Southern Pine Looper Moth	<i>Caripeta aretaria</i>	Maintained	S2S3
Major Datana	<i>Datana major</i>	New	S3
Post-burn Datana Moth	<i>Datana ranaeiceps</i>	Maintained	G3G4, S1S2
Plain Schizura Moth	<i>Coelodasys apicalis</i>	Maintained	G3G4, SH-Recoverable
Pink Prominent Moth	<i>Hyparpax aurora</i>	New	S2S3
Pure Lichen Moth	<i>Crambidia pura</i>	Maintained	S1S2



A lichen moth	<i>Crambidia xanthocorpa</i>	New	S2
Phyllira Tiger Moth	<i>Apantesis phyllira</i>	Maintained	G3G5, SH-Recoverable
Great Tiger Moth	<i>Arctia caja</i>	New	S1S2
Joyful Holomelina Moth	<i>Virbia laeta</i>	Maintained	S3
Greater Idia Moth	<i>Idia majoralis</i>	New	S2?
Pine Barrens Zanclognatha Moth	<i>Zanclognatha martha</i>	Maintained	S2S3
Twin-dotted Macrochilo Moth	<i>Macrochilo hypocriticalis</i>	Maintained	S3
Masked Parahypenodes Moth	<i>Parahypenodes quadralis</i>	Maintained	S3
Pine Woods Underwing Moth	<i>Catocala sp. 1 nr. jair</i>	Maintained	S1S2
Angus' Underwing Moth	<i>Catocala angusi</i>	Maintained	SH-Recoverable
Dejected Underwing Moth	<i>Catocala dejecta</i>	Maintained	SH-Recoverable
Umber Underwing Moth	<i>Catocala umbrosa</i>	Maintained	S1S2
Sweet Underwing Moth	<i>Catocala dulciola</i>	Maintained	G3G4, S1
Uncommon Oak Moth	<i>Phoberia ingenua</i>	Maintained	G3G4, S2?
Graphic Moth	<i>Drasteria graphica</i>	New	SH-Recoverable
Oblique Zale Moth	<i>Zale obliqua</i>	Maintained	S2S3
Gray-banded Zale Moth	<i>Zale squamularis</i>	Maintained	S2S3
Gray Spring Zale Moth	<i>Zale submediana</i>	Maintained	S2S3
Black-eyed Zale Moth	<i>Zale curema</i>	Maintained	S1S2
Pine Barrens Zale Moth	<i>Zale lunifera</i>	Maintained	G3G4, S2S3
Roseate Grass Moth	<i>Amolita roseola</i>	New	S1S2
Oval Abrostola Moth	<i>Abrostola ovalis</i>	New	S3?
Epauletted Pitcher Plant Moth	<i>Exyra fax</i>	New	S1S2
Epigaea Looper Moth	<i>Syngrapha epigaea</i>	Maintained	S2S3
Straight Lined Mallow Moth	<i>Bagisara rectifascia</i>	Maintained	S2?



Curved Halter Moth	<i>Capis curvata</i>	Maintained	S3S4
Corylus Dagger Moth	<i>Acronicta falcula</i>	New	G2G4, S2
Hopeful Dagger Moth	<i>Acronicta sperata</i>	New	S3
Pointed Dagger Moth	<i>Acronicta lanceolaria</i>	New	G4, SH-Recoverable
Doll's Merolonche Moth	<i>Acronicta dolli</i>	Maintained	G3G4, RSGCN, S1S2
Bird Dropping Moth	<i>Cerma cora</i>	Maintained	G3G4, S1S3
Grote's Sallow Moth	<i>Copivaleria grotei</i>	Maintained	S3S5, short-term population decline of 30-80% and high to low threat impact in PA
Boreal Fan Moth	<i>Brachionycha borealis</i>	Maintained	RSGCN, S1S2
Comstock's Sallow Moth	<i>Feralia comstocki</i>	New	S3S4
Fringetree Sallow Moth	<i>Sympistis chionanthi</i>	New	S2S3
Toothed Apharetra Moth	<i>Sympistis dentata</i>	Maintained	S3
Pink Star Moth	<i>Derrima stellata</i>	New	SH-Recoverable
Pine Barrens Fungus Moth	<i>Chytonix sensilis</i>	Maintained	S1S3
Rare Sand Quaker Moth	<i>Caradrina meralis</i>	Maintained	S1S2
Sharp Angle Shades Moth	<i>Conservula anodonta</i>	New	S3?
A noctuid moth	<i>Apamea wikeri</i>	New	S1
A noctuid moth	<i>Apamea cristata</i>	Maintained	S2S3
A noctuid moth	<i>Apamea cariosa</i>	New	S3
A noctuid moth	<i>Apamea alia</i>	New	S1S2
Ignorant Apamea Moth	<i>Apamea indocilis</i>	New	S2S3
A noctuid moth	<i>Apamea inordinata</i>	New	S1S2
Burgess's Cutworm Moth	<i>Apamea burgessi</i>	Maintained	SH-Recoverable
A noctuid moth	<i>Apamea relicina</i>	New	S2S3
Small Brocade Moth	<i>Oligia minuscula</i>	New	S2S3



Northern Brocade Moth	<i>Neoligia semicana</i>	Maintained	G2G4, S1S2
Fingered Lemmeria Moth	<i>Lemmeria digitalis</i>	Maintained	S2S3
Figwort Borer Moth	<i>Hydraecia stramentosa</i>	Maintained	S1S2
Buffalo Moth	<i>Parapamea buffaloensis</i>	Maintained	S1S2
Flypoison Borer Moth	<i>Papaipema sp. 1</i>	Maintained	G2G3, RSGCN, S3?
Ash Tip Borer Moth	<i>Papaipema furcata</i>	Maintained	S1S2
Brick-red Borer Moth	<i>Papaipema marginidens</i>	Maintained	S3
Turtle Head Borer Moth	<i>Papaipema nepheleptena</i>	Maintained	S3?
Yellow Stoneroot Borer Moth	<i>Papaipema astuta</i>	Maintained	G3?, S2S3
Loosestrife Borer Moth	<i>Papaipema lysimachiae</i>	Maintained	S3
Columbine Borer Moth	<i>Papaipema leucostigma</i>	New	SH-Recoverable
Mayapple Borer Moth	<i>Papaipema rutila</i>	Maintained	S3
Joe-Pye Weed Borer Moth	<i>Papaipema eupatorii</i>	Maintained	S3
Dark Stoneroot Borer Moth	<i>Papaipema duplicatus</i>	Maintained	G1G2, S1S2
Veronia Borer Moth	<i>Papaipema limpida</i>	Maintained	G2G4, S1S2
Coneflower Borer Moth	<i>Papaipema nelita</i>	Maintained	S3?
Ostrich Fern Borer Moth	<i>Papaipema sp. 2 nr. pterisii</i>	Maintained	G3G4, RSGCN, S2S3
Maritime Sunflower Borer Moth	<i>Papaipema maritima</i>	Maintained	G3?, SH-Recoverable
Sunflower Borer Moth	<i>Papaipema necopina</i>	Maintained	S1S2
A noctuid moth	<i>Bellura brehmei</i>	New	S3?
American Brindle Moth	<i>Lithomoia germana</i>	Maintained	S2S3
Franclemont's Lithophane Moth	<i>Lithophane franclemonti</i>	Maintained	G2G4, SH-Recoverable
Thaxter's Pinion Moth	<i>Lithophane thaxteri</i>	Maintained	SH-Recoverable
A noctuid moth	<i>Lithophane georgii</i>	New	SH-Recoverable
Pointed Sallow Moth	<i>Epiglaea apiata</i>	Maintained	S3S4



Waxed Sallow Moth	<i>Chaetagnalea cerata</i>	Maintained	G3G4, RSGCN, S2
Trembling Sallow Moth	<i>Chaetagnalea rhonda</i>	Maintained	S1S3
Pink Sallow Moth	<i>Psectragalea carnosus</i>	Maintained	G3, S2S3
Putas Sallow Moth	<i>Anathix puta</i>	New	S3
Broad Sallow Moth	<i>Xylotype capax</i>	Maintained	S3S4
Private Sallow Moth	<i>Sutyna privata</i>	Maintained	S3
Barrens Moth	<i>Properigea costa</i>	Maintained	S1S2
Marsh Fern Moth	<i>Fagitana littera</i>	Maintained	SH-Recoverable
Maroonwing Moth	<i>Sideridis maryx</i>	Maintained	S2S3
The Pink Streak Moth	<i>Dargida rubripennis</i>	Maintained	G3G4, S2S3
A dart moth	<i>Anicla forbesi</i>	New	S3?
Grote's Black-tipped Quaker Moth	<i>Dichagyris grotei</i>	Maintained	SH-Recoverable
Rubbed Dart Moth	<i>Euxoa detersa</i>	New	S1S2
A noctuid moth	<i>Feltia manifesta</i>	New	SH-Recoverable
Rubifera Dart Moth	<i>Diarsia rubifera</i>	Maintained	S2S3
Fish's Dart Moth	<i>Cerastis fishii</i>	New	S3S4
Willow Dart Moth	<i>Cerastis salicarium</i>	New	S3
Sundew Cutworm Moth	<i>Hemipachnobia monochromatea</i>	Maintained	S3
Dappled Dart Moth	<i>Anaplectoides pressus</i>	New	S1S2
Quivering Dart Moth	<i>Aplectoides condita</i>	Maintained	S3?
Southern Variable Dart Moth	<i>Xestia elimata</i>	Maintained	S3
A noctuid moth	<i>Agnorisma bugrai</i>	New	S2S3
The Yankee Dart Moth	<i>Abagrotis brunneipennis</i>	Maintained	S2S3
Blueberry Budworm Moth	<i>Abagrotis anchocelioides</i>	New	S3



<i>Dragonflies and Damselflies</i>			
Gray Petaltail	<i>Tachopteryx thoreyi</i>	Maintained	S3?
Brown Spiketail	<i>Cordulegaster bilineata</i>	Maintained	S2S3
Splendid Clubtail	<i>Gomphurus lineatifrons</i>	Maintained	SH-Recoverable
Sable Clubtail	<i>Stenogomphurus rogersi</i>	Maintained	RSGCN, S3S4
Septima's Clubtail	<i>Gomphurus septima delawarensis</i>	Maintained	G3T1, S1
Skillet Clubtail	<i>Gomphurus ventricosus</i>	Maintained	G3, RSGCN, SH-Recoverable
Beaverpond Clubtail	<i>Phanogomphus borealis</i>	Maintained	S3S4
Rapids Clubtail	<i>Phanogomphus quadricolor</i>	Maintained	G3G4, RSGCN, S3S4
Spine-crowned Clubtail	<i>Hylogomphus abbreviatus</i>	Maintained	S2S3
Green-faced Clubtail	<i>Hylogomphus viridifrons</i>	Maintained	G3G4, S2
Extra-striped Snaketail	<i>Ophiogomphus anomalus</i>	Maintained	SH-Recoverable, RSGCN, unknown short-term population trend and high threat impact in PA
Riffle Snaketail	<i>Ophiogomphus carolus</i>	Maintained	S2S3
Pygmy Snaketail	<i>Ophiogomphus howei</i>	Maintained	G3, RSGCN, SH-Recoverable
Appalachian Snaketail	<i>Ophiogomphus incurvatus</i>	Maintained	G3, S1?
Maine Snaketail	<i>Ophiogomphus mainensis</i>	Maintained	S3S4
Common Sanddragon	<i>Progomphus obscurus</i>	Maintained	S1S2
Riverine Clubtail	<i>Stylurus amnicola</i>	Maintained	SH-Recoverable
Elusive Clubtail	<i>Stylurus notatus</i>	Maintained	G3, S3
Russet-tipped Clubtail	<i>Stylurus plagiatus</i>	Maintained	S2S3
Zebra Clubtail	<i>Stylurus scudderi</i>	Maintained	S3?
Mottled Darner	<i>Aeshna clepsydra</i>	Maintained	S3
Variable Darner	<i>Aeshna interrupta</i>	Maintained	S3?
Cyrano Darner	<i>Nasiaeschna pentacantha</i>	Maintained	S3S4



Allegheny River Cruiser	<i>Macromia alleghaniensis</i>	Maintained	S1S2
Georgia River Cruiser	<i>Macromia illinoensis georgina</i>	New	SH-Recoverable
Royal River Cruiser	<i>Macromia taeniolata</i>	Maintained	S2S3
Petite Emerald	<i>Dorocordulia lepida</i>	Maintained	S3
Slender Baskettail	<i>Epitheca costalis</i>	Maintained	S1
Spiny Baskettail	<i>Epitheca spinigera</i>	Maintained	S1S2
Umber Shadowdragon	<i>Neurocordulia obsoleta</i>	New	S3S4
Forcipate Emerald	<i>Somatochlora forcipata</i>	Maintained	RSGCN, S3?
Incurvate Emerald	<i>Somatochlora incurvata</i>	Maintained	RSGCN, S2S3
Mocha Emerald	<i>Somatochlora linearis</i>	Maintained	S3S4
Brush-tipped Emerald	<i>Somatochlora walshii</i>	Maintained	S3S4
Williamson's Emerald	<i>Somatochlora williamsoni</i>	Maintained	S1
Martha's Pennant	<i>Celithemis martha</i>	Maintained	SH-Recoverable
Seaside Dragonlet	<i>Erythrodiplax berenice</i>	Maintained	SH-Recoverable
Little Blue Dragonlet	<i>Erythrodiplax minuscula</i>	Maintained	SH-Recoverable
Belted Whiteface	<i>Leucorrhinia proxima</i>	Maintained	S3S4
Golden-winged Skimmer	<i>Libellula auripennis</i>	Maintained	S3?
Yellow-sided Skimmer	<i>Libellula flava</i>	Maintained	S2S4
Needham's Skimmer	<i>Libellula needhami</i>	Maintained	S1S3
White Corporal	<i>Ladona exusta</i>	Maintained	S1
Elfin Skimmer	<i>Nannothemis bella</i>	Maintained	S2?
Blue-faced Meadowhawk	<i>Sympetrum ambiguum</i>	Maintained	S3?
Saffron-winged Meadowhawk	<i>Sympetrum costiferum</i>	Maintained	S1S2
River Jewelwing	<i>Calopteryx aequabilis</i>	Maintained	S2S3
Appalachian Jewelwing	<i>Calopteryx angustipennis</i>	Maintained	S1S2



Superb Jewelwing	<i>Calopteryx amata</i>	Maintained	S3S4
Smoky Rubyspot	<i>Hetaerina titia</i>	Maintained	SH-Recoverable
Emerald Spreadwing	<i>Lestes dryas</i>	Maintained	S3S4
Lyre-tipped Spreadwing	<i>Lestes unguiculatus</i>	New	S1S2
Seepage Dancer	<i>Argia bipunctulata</i>	Maintained	S1S2
Blue-ringed Dancer	<i>Argia sedula</i>	Maintained	S3S4
Taiga Bluet	<i>Coenagrion resolutum</i>	Maintained	SH-Recoverable
Boreal Bluet	<i>Enallagma boreale</i>	Maintained	S2S3
New England Bluet	<i>Enallagma laterale</i>	Maintained	G3G4, S2
Tule Bluet	<i>Enallagma carunculatum</i>	Maintained	S3?
Atlantic Bluet	<i>Enallagma doubledayi</i>	Maintained	S2S4
Big Bluet	<i>Enallagma durum</i>	Maintained	S3?
River Bluet	<i>Enallagma anna</i>	Maintained	S1S2
Furtive Forktail	<i>Ischnura prognata</i>	Maintained	S1
Rambur's Forktail	<i>Ischnura ramburii</i>	Maintained	S3S4
Southern Sprite	<i>Nehalennia integricollis</i>	Maintained	SH-Recoverable
<i>Grasshoppers, Katydid, and Crickets</i>			
Appalachian Grasshopper	<i>Appalachia hebaridi</i>	Maintained	G1, S1S2
Seaside Grasshopper	<i>Trimerotropis maritima</i>	New	S2
Longhorn Band-wing Grasshopper	<i>Psinidia fenestralis</i>	New	S1S2
Sphagnum Ground Cricket	<i>Neonemobius palustris</i>	New	S2S4
<i>Mayflies, Stoneflies, and Caddisflies</i>			
Gildersleeve's Stenacron Mayfly	<i>Stenacron gildersleevei</i>	New	S3S4
Pocono Spiny Crawler Mayfly	<i>Eurylophella poconoensis</i>	Maintained	G1G2, S3
A mayfly	<i>Heptagenia culacantha</i>	Maintained	G2G3, S2S3



Rough Flat-headed Mayfly	<i>Nixe horrida</i>	New	G2G3, S2S4
Rusty Flat-headed Mayfly	<i>Nixe rusticalis</i>	New	S3S4
Three-knobbed Snowfly	<i>Allocaonia forbesi</i>	New	S1S2
Illinois Snowfly	<i>Allocaonia illinoensis</i>	New	G3, S1S2
Spatulate Snowfly	<i>Allocaonia simmonsii</i>	Maintained	G3, RSGCN, S2
Shenandoah Needlefly	<i>Megaleuctra flinti</i>	Maintained	G2G3, S1S2
Appalachian Forestfly	<i>Amphinemura appalachia</i>	New	S2S3
Three-spined Forestfly	<i>Nemoura arctica</i>	Maintained	S1S2
Bent Forestfly	<i>Ostrocerca prolongata</i>	Maintained	G3, RSGCN, S1
Southeastern Forestfly	<i>Soyedina kondratieffi</i>	New	S1S2
Powdermill Forestfly	<i>Soyedina merritti</i>	Maintained	G2, RSGCN, S1
Smoky Willowfly	<i>Bolotoperla rossi</i>	New	S1S2
Dusky Sallfly	<i>Alloperla biserrata</i>	Maintained	G3, RSGCN, S1S2
Scotia Sallfly	<i>Alloperla vostoki</i>	Maintained	G3, RSGCN, S1S2
Duckhead Sallfly	<i>Alloperla concolor</i>	Maintained	S1S2
Woodlands Sallfly	<i>Alloperla petasata</i>	New	S2S3
Vermont Sallfly	<i>Rasvena terna</i>	New	S2S3
Shenandoah Sallfly	<i>Sweltsa palearata</i>	Maintained	G2G3, RSGCN, S1S2
Gaspé Sallfly	<i>Utaperla gaspesiana</i>	Maintained	G3, RSGCN, S1S2
A stonefly	<i>Acroneuria arenosa</i>	Maintained	S3
Appalachian Stone	<i>Hansonoperla appalachia</i>	Maintained	G3, S2S3
Striped Stone	<i>Perlinella drymo</i>	Maintained	S1S2
Choctaw Stone	<i>Neoperla choctaw</i>	Maintained	S1S2
Atlantic Stone	<i>Neoperla occipitalis</i>	New	S1S2
Great Lakes Springfly	<i>Cultus decus</i>	New	S2S3



Spiny Springfly	<i>Cultus verticalis</i>	New	S1S2
Lash Springfly	<i>Remenus bilobatus</i>	New	S3S4
Barr's Tube-maker Caddisfly	<i>Polycentropus barri</i>	New	G2G4, S1S3
Harp's Tube-maker Caddisfly	<i>Polycentropus harpi</i>	New	G3G4, S1S3
A Scalris Trichopteran	<i>Hydropsyche brunneipennis</i>	New	G3G4, S2S3
Beloved Rainbow Caddisfly	<i>Agapetus iridis</i>	Maintained	S2S3
Toothed Microcaddisfly	<i>Hydroptila dentata</i>	New	G2G3, S2
Grayson's Purse Case-maker Caddisfly	<i>Ochrotrichia graysoni</i>	New	G3G4, S2S3
Denning's Purse Case-maker Caddisfly	<i>Ochrotrichia denningi</i>	New	G2G4, S2S3
A ring-horn microcaddisfly	<i>Leucotrichia pictipes</i>	Maintained	S3S4
A caddisfly	<i>Pycnopsyche conspersa</i>	New	G3G4, S3S4
A polycentropodid caddisfly	<i>Polycentropus chenoides</i>	New	RSGCN, S1S3
A brachycentrid caddisfly	<i>Adicrophleps hitchcocki</i>	New	G3G4
Mitchell's Autumn Mottled Sedge	<i>Neophylax mitchelli</i>	New	G3G4
Wiggins' Autumn Mottled Sedge	<i>Neophylax wigginsii</i>	New	G3G4, S2S3
An Autumn Mottled Sedge	<i>Neophylax stolon</i>	New	G3
<i>Spiders and Harvestmen</i>			
Ash Flower Gall Mite	<i>Aceria fraxiniflora</i>	New	S1
Audouin's Trapdoor Spider	<i>Ummidia audouini</i>	New	S1S2
Wright's Burrowing Wolf Spider	<i>Geolycosa wrighti</i>	Maintained	S1S2
Turret Spider	<i>Geolycosa turricola</i>	Maintained	S1S2
A sheetweb cave spider	<i>Bathyphantes weyeri</i>	Maintained	S1S3
Robust Trapdoor Spider	<i>Antrodiaetus robustus</i>	New	G3?, S2S4
A foldingdoor spider	<i>Antrodiaetus unicolor</i>	New	S3S4
A ghost spider	<i>Arachosia cubana</i>	Maintained	S1S2



An Orb-weaver Spider	<i>Singa eugeni</i>	Maintained	S1S3
Shoreline Wolf Spider	<i>Arctosa littoralis</i>	Maintained	S1S3
Common Leaf-beetle Jumping Spider	<i>Sassacus papenhoei</i>	New	S2S4
Pale Nest Spider	<i>Eidmannella pallida</i>	New	S1S3
Texas Ornamented Jumping Spider	<i>Habronattus texanus</i>	New	S2S4
A jumping spider	<i>Habronattus cognatus</i>	New	S1S2
Ash Bead Gall Mite	<i>Aceria fraxini</i>	New	S3S4
<i>Freshwater Mussels and Clams, Terrestrial and Freshwater Snails</i>			
Dwarf Wedgemussel	<i>Prolasmidonta heterodon</i>	Maintained	G2, U.S. Endangered, IUCN Vulnerable, S1, PA Endangered
Triangle Floater	<i>Alasmidonta undulata</i>	Maintained	S2S3
Brook Floater	<i>Alasmidonta varicosa</i>	Maintained	G3, IUCN Vulnerable, S1S2
Threeridge	<i>Amblema plicata</i>	Maintained	S2S3
Alewife Floater	<i>Utterbackiana implicata</i>	Maintained	S2
Flat Floater	<i>Utterbackiana suborbiculata</i>	Maintained	S1
Cylindrical Papershell	<i>Anodontoides ferussacianus</i>	Maintained	S3S4
Fanshell	<i>Cyprogenia stegaria</i>	Maintained	G1, IUCN Critically Endangered, SH-Recoverable
Butterfly	<i>Ellipsaria lineolata</i>	Maintained	S1
Elephantear	<i>Elliptio crassidens</i>	Maintained	S1
Atlantic Spike	<i>Elliptio producta</i>	New	G3, S1
Northern Riffleshell	<i>Epioblasma rangiana</i>	Maintained	G1, IUCN Critically Endangered, U.S. Endangered, S2, PA Endangered
Snuffbox	<i>Epioblasma triquetra</i>	Maintained	G2G3, IUCN Endangered, U.S. Endangered, S1, PA Endangered
Wabash Pigtoe	<i>Fusconaia flava</i>	Maintained	S2



Longsolid	<i>Fusconaia subrotunda</i>	Maintained	G3, IUCN Vulnerable, U.S. Threatened, S1, PA Threatened
Yellow Lampmussel	<i>Lampsilis cariosa</i>	Maintained	G3G4, RSGCN, IUCN Vulnerable
Wavyrayed Lampmussel	<i>Lampsilis fasciola</i>	New	S3S4
Pink Mucket	<i>Lampsilis abrupta</i>	Maintained	G1G2, IUCN Vulnerable, U.S. Endangered, SH-Recoverable
Pocketbook	<i>Lampsilis ovata</i>	Maintained	Unknown trend and medium to high threat impact
Eastern Lampmussel	<i>Lampsilis radiata</i>	Maintained	S1S2
White Heelsplitter	<i>Pterosyna complanata</i>	Maintained	S2
Creek Heelsplitter	<i>Platynaias compressa</i>	Maintained	S3
Green Floater	<i>Platynaias subviridis</i>	Maintained	G2G3, S3
Fragile Papershell	<i>Potamilus fragilis</i>	Maintained	S2S3
Tidewater Mucket	<i>Atlanticoncha ochracea</i>	Maintained	G3G4, S1
Eastern Pondmussel	<i>Sagittunio nasutus</i>	Maintained	G3, IUCN Vulnerable, S3
Eastern Pearlshell	<i>Margaritifera margaritifera</i>	Maintained	IUCN Endangered, S1, PA Endangered
Threehorn Wartyback	<i>Obliquaria reflexa</i>	Maintained	S3
Round Hickorynut	<i>Obovaria subrotunda</i>	Maintained	G3, IUCN Endangered, U.S. Threatened, S1, PA Endangered
Sheepnose	<i>Plethobasus cyphus</i>	Maintained	G2G3, IUCN Endangered, U.S. Endangered, S1, PA Threatened
Clubshell	<i>Pleurobema clava</i>	Maintained	G1G2, IUCN Critically Endangered, U.S. Endangered, S2, PA Endangered
Round Pigtoe	<i>Pleurobema sintoxia</i>	Maintained	S3
Ohio Pigtoe	<i>Pleurobema cordatum</i>	Maintained	G3G4, SH-Recoverable
Pink Papershell	<i>Potamilus ohioensis</i>	Maintained	S2
Rabbitsfoot	<i>Theliderma cylindrica</i>	Maintained	G3, U.S. Threatened, S1, PA Endangered
Mapleleaf	<i>Quadrula quadrula</i>	Maintained	S2S3
Pimpleback	<i>Pustulosa pustulosa</i>	Maintained	S1?



Rockshell	<i>Theliderma metanevra</i>	Maintained	SH-Recoverable
Salamander Mussel	<i>Simpsonaias ambigua</i>	Maintained	G1G2, IUCN Vulnerable, RSGCN, S1, PA Endangered
Lilliput	<i>Toxolasma parvum</i>	Maintained	S2
Pistolgrip	<i>Quadrula verrucosa</i>	Maintained	S1, PA Endangered
Fawnsfoot	<i>Truncilla donaciformis</i>	Maintained	S1S2
Deertoe	<i>Truncilla truncata</i>	Maintained	S1
Rayed Bean	<i>Paetulunio fabalis</i>	Maintained	G2, IUCN Endangered, U.S. Endangered, S2, PA Endangered
Rainbow	<i>Cambarunio iris</i>	Maintained	S3
Cherrystone Drop	<i>Hendersonia occulta</i>	Maintained	S2S3
Obese Thorn	<i>Carychium exiguum</i>	Maintained	S3S4
File Thorn	<i>Carychium nannodes</i>	Maintained	S1S2
Bark Snaggletooth	<i>Gastrocopta corticaria</i>	Maintained	S3
White Snaggletooth	<i>Gastrocopta tappaniana</i>	Maintained	S1S3
White-lip Dagger	<i>Pupoides nitidulus</i>	Maintained	S3S4
Widespread Column	<i>Pupilla muscorum</i>	Maintained	S3
Blade Vertigo	<i>Vertigo milium</i>	Maintained	S1S2
Ovate Vertigo	<i>Vertigo ovata</i>	Maintained	S2S3
Pygmy Vertigo	<i>Vertigo pygmaea</i>	Maintained	S3S4
Honey Vertigo	<i>Vertigo tridentata</i>	Maintained	S3S4
Maze Pinecone	<i>Strobulops labyrinthicus</i>	Maintained	S3S4
Southern Pinecone	<i>Strobulops texasianus</i>	Maintained	S2S3
Coastal-plain Tigersnail	<i>Anguispira fergusonii</i>	Maintained	S1S2
Banded Tigersnail	<i>Anguispira kochi</i>	Maintained	S3
Domed Disc	<i>Discus patulus</i>	Maintained	S3S4
Foster Mantleslug	<i>Pallifera fosteri</i>	Maintained	S3S4



Variable Mantleslug	<i>Pallifera varia</i>	Maintained	G2G4, S3
Brown Hive	<i>Euconulus fulvus</i>	Maintained	S3?
Toothed Hive	<i>Euconulus dentatus</i>	Maintained	S1S2
Brown Bellytooth	<i>Gastrodonta interna</i>	Maintained	SH-Recoverable
Maryland Glyph	<i>Glyphyalinia raderi</i>	Maintained	G2, RSGCN, S2
Blue Glass	<i>Nesovitrea binneyana</i>	Maintained	S3?
Split-tooth Dome	<i>Ventridens virginicus</i>	Maintained	S3S4
Eastern Glass-snail	<i>Vitrina angelicae</i>	Maintained	S3S4
Broad-banded Forestsnail	<i>Allogona profunda</i>	Maintained	S3
Lowland Pillsnail	<i>Euchemotrema leai</i>	Maintained	S3S4
Proud Globelet	<i>Patera pennsylvanica</i>	Maintained	S2
Spike-lip Crater	<i>Appalachina sayana</i>	Maintained	S3S4
Bristled Slitmouth	<i>Stenotrema barbatum</i>	Maintained	S3S4
Baffled Three-tooth	<i>Triodopsis fraudulenta</i>	Maintained	S3?
Striped Whitelip	<i>Webbhelix multilineata</i>	Maintained	RSGCN, S1S2
Dished Threetooth	<i>Triodopsis vulgata</i>	Maintained	S3S4
Atlantic Threetooth	<i>Triodopsis juxtidentis</i>	Maintained	S3
Threeridge Valvata	<i>Valvata tricarinata</i>	Maintained	S1S2
Globe Siltsnail	<i>Birgella subglobosus</i>	Maintained	S2S3
Midland Siltsnail	<i>Cincinnati integra</i>	New	S3S4
Watercress Snail	<i>Fontigens nickliniana</i>	Maintained	S3
Blue Ridge Springsnail	<i>Fontigens orolibas</i>	Maintained	G3, S1
Henscomb Hydrobe	<i>Littoridinops tenuipes</i>	Maintained	S2
Boreal Marstonia	<i>Marstonia lustrica</i>	Maintained	S3
Ohio Pebblesnail	<i>Somatogyrus integra</i>	Maintained	G3, S3S4



Shale Pebblesnail	<i>Somatogyrus pennsylvanicus</i>	Maintained	G3, S3
Sprite Elimia	<i>Pleurocera proxima</i>	Maintained	S1
Varicose Rocksnail	<i>Lithasia verrucosa</i>	New	S1S2
Silty Hornsnail	<i>Pleurocera acuta</i>	New	S3S4
Swamp Lymnaea	<i>Lymnaea stagnalis</i>	Maintained	S2S3
Woodland Pondsnail	<i>Ladislavella catascopium</i>	Maintained	S2S3
Marsh Pondsnail	<i>Stagnicola elodes</i>	New	S3
Lance Aplexa	<i>Aplexa elongata</i>	Maintained	S2S3
Vernal Physa	<i>Physa vernalis</i>	Maintained	S2S3
Disk Gyro	<i>Gyraulus circumstriatus</i>	New	S1
Flexed Gyro	<i>Gyraulus deflectus</i>	Maintained	S2S3
Thicklip Ramshorn	<i>Planorbula armigera</i>	New	S2S3
Bell-mouthed Ramshorn	<i>Planorbella campanulata</i>	New	S3
Sharp Sprite	<i>Promenetus exacuus</i>	Maintained	S3
<i>Flatworms</i>			
Refton Cave Planarian	<i>Sphalloplana pricei</i>	Maintained	G2G3, S1
<i>Freshwater Sponges</i>			
A freshwater sponge	<i>Ephydatia muelleri</i>	New	G2G4, S3S4
A freshwater sponge	<i>Heteromeyenia longistylus</i>	Maintained	G1G3, SH-Recoverable
A freshwater sponge	<i>Heteromeyenia latitenta</i>	New	G3G5, SH-Recoverable
A freshwater sponge	<i>Anheteromeyenia ryderi</i>	New	SH-Recoverable
A freshwater sponge	<i>Heteromeyenia tentasperma</i>	New	SH-Recoverable
A freshwater sponge	<i>Trochospongilla leidii</i>	New	SH-Recoverable
Silver-seeded Freshwater Sponge	<i>Anheteromeyenia argyrosperma</i>	New	SH-Recoverable
Bailey's Freshwater Sponge	<i>Heteromeyenia baileyi</i>	New	S2S4



River Rock Freshwater Sponge	<i>Trochospongilla horrida</i>	New	S2S4
Pennsylvanian Freshwater Sponge	<i>Trochospongilla pennsylvanica</i>	New	SH-Recoverable
Fragile Freshwater Sponge	<i>Eunapius fragilis</i>	New	S3S4
Urn-shaped Freshwater Sponge	<i>Radiospongilla crateriformis</i>	New	SH-Recoverable





Table 2. Species removed from the 2015 Pennsylvania Wildlife Action Plan for the 2025 revision, with justification. Modified selection criteria accounted for some of these deletions, while others were removed due to a better understanding of population size and distribution or population recovery, thanks in part to State & Tribal Wildlife Grants Program funds.

2015-2025 SPECIES OF GREATEST CONSERVATION NEED (SGCN), OR SGCN SEASONS, REMOVED FOR 2025-2035			
Common Name	Scientific Name	Season	Justification
Tundra Swan	<i>Cygnus columbianus</i>	Migration	Not a bird of conservation concern on a recent priority species list
American Black Duck	<i>Anas rubripes</i>	Migration	PA does not host a significant proportion of the eastern U.S. migrant population (13% spring, 9% fall); *2025-35 SGCN in breeding and wintering seasons
Lesser Scaup	<i>Aythya affinis</i>	Migration	Not a bird of conservation concern on a recent priority species list
Long-tailed Duck	<i>Clangula hyemalis</i>	Migration	PA does not host a significant proportion of the eastern U.S. migrant population
Long-tailed Duck	<i>Clangula hyemalis</i>	Wintering	Road to Recovery Tipping Point Species but not a 2025-35 PA WAP breeding or migration season SGCN
Bald Eagle	<i>Haliaeetus leucocephalus</i>	Breeding	High threats but increasing trend in PA
Bald Eagle	<i>Haliaeetus leucocephalus</i>	Wintering	Not a bird of conservation concern on a recent priority species list
Broad-winged Hawk	<i>Buteo platypterus</i>	Breeding	No longer RSGCN; High threats but increasing trend in PA.
Broad-winged Hawk	<i>Buteo platypterus</i>	Migration	Not a bird of conservation concern on a recent priority species list.
American Woodcock	<i>Scolopax minor</i>	Breeding	RSGCN with high threats but stable to increasing trend in PA.
American Goshawk	<i>Astur atricapillus</i>	Migration	PA does not host a significant proportion of the eastern U.S. migrant population
Brown Creeper	<i>Certhia americana</i>	Breeding	No longer RSGCN; High threats but stable trend in PA.
Black-throated Blue Warbler	<i>Setophaga caerulescens</i>	Breeding	No longer RSGCN; High threats but relatively stable trend in PA.



Blackburnian Warbler	<i>Setophaga fusca</i>	Migration	Not a bird of conservation concern on a recent priority species list.
Black-and-white Warbler	<i>Mniotilta varia</i>	Breeding	No longer RSGCN; High threats but increasing trend in PA.
Eastern Towhee	<i>Pipilo erythrophthalmus</i>	Migration	PA does not host a significant proportion of the eastern U.S. migrant population (30% spring, 31% fall)
Rusty Blackbird	<i>Euphagus carolinus</i>	Migration	PA does not host a significant proportion of the eastern U.S. migrant population (6% spring, 5% fall)
Rusty Blackbird	<i>Euphagus carolinus</i>	Wintering	Canada Species at Risk, RSGCN, USFWS Birds of Conservation Concern 2021 but not a 2025-35 PA WAP breeding or migration season SGCN
Red Crossbill	<i>Loxia curvirostra</i>	Wintering	Not a bird of conservation concern on a recent priority species list.
Horned Grebe	<i>Podiceps auritus</i>	Wintering	Canada Species at Risk, Road to Recovery Tipping Point Species but not a 2025-35 PA WAP breeding or migration season SGCN
Red-necked Grebe	<i>Podiceps grisegena</i>	Wintering	Not a bird of conservation concern on a recent priority species list
Osprey	<i>Pandion haliaetus</i>	Breeding	S4B, appears on Raptors at Risk list, but low threats and increasing trend in PA, PA Recovered species
Hooded Warbler	<i>Setophaga citrina</i>	Migration	Not a bird of conservation concern on a recent priority species list
Big Brown Bat	<i>Eptesicus fuscus</i>	Breeding	No longer RSGCN, S5B, short-term decline 30-50% but low threats
Big Brown Bat	<i>Eptesicus fuscus</i>	Wintering	No longer RSGCN, S5B, short-term decline 30-50% but low threats
Allegheny Pearl Dace	<i>Margariscus margarita</i>	Year-round	S4, NE Regional Priority, Short-term Population Trend Relatively stable (<=10% change); Overall Threat Impact-Medium
Banded Sunfish	<i>Enneacanthus obesus</i>	Year-round	SX-Not Recoverable
Brook Stickleback	<i>Culaea inconstans</i>	Year-round	S4, Overall Threat Impact-Low
Central Mudminnow	<i>Umbra limi</i>	Year-round	S4, Overall Threat Impact-Low



Comely Shiner	<i>Notropis amoenus</i>	Year-round	S4, Short-term population trend-Relatively stable (<=10% change); Overall Threat Impact-Unknown
Cutlip Minnow	<i>Exoglossum maxillingua</i>	Year-round	S5, Overall Threat Impact-Low
Eastern Mudminnow	<i>Umbra pygmaea</i>	Year-round	S4, Overall Threat Impact-Medium
Emerald Bowfin	<i>Amia ocellicauda</i>	Year-round	S4, Overall Threat Impact-Low
Gravel Chub	<i>Erimystax x-punctatus</i>	Year-round	SX-Not Recoverable
Least Brook Lamprey	<i>Lampetra aepyptera</i>	Year-round	S4, Overall Threat Impact-Low
Margined Madtom	<i>Noturus insignis</i>	Year-round	S5, Overall Threat Impact-Low
Mountain Brook Lamprey	<i>Ichthyomyzon greeleyi</i>	Year-round	S4, NE Regional Priority, Overall Threat Impact-Low
Shield Darter	<i>Percina peltata</i>	Year-round	S5, NE Regional Priority, Overall Threat Impact-Low
Streamline Chub	<i>Erimystax dissimilis</i>	Year-round	S5, Overall Threat Impact-Low
Tessellated Darter	<i>Etheostoma olmstedii</i>	Year-round	S5, Short-term Population Trend-Relatively stable (<=10% change); Overall Threat Impact-Unknown
Threespine Stickleback	<i>Gasterosteus aculeatus</i>	Year-round	SX-Not Recoverable
Tonguetied Minnow	<i>Exoglossum laurae</i>	Year-round	S4, NE Regional Priority, Overall Threat Impact-Low
Variegated Darter	<i>Etheostoma variatum</i>	Year-round	S5, NE Regional Priority, Overall Threat Impact-Low
Eastern Fence Lizard	<i>Sceloporus undulatus</i>	Year-round	S4, Short-term population trend-Relatively stable (<=10% change); Overall Threat Impact-Unknown
Elktoe	<i>Alasmodonta marginata</i>	Year-round	G4, not RSGCN, S4, Overall Threat Impact-Medium
Hickorynut	<i>Obovaria olivaria</i>	Year-round	SX-Not Recoverable
Northern Lance	<i>Elliptio fisheriana</i>	Year-round	SX-Not Recoverable
Orangefoot Pimpleback	<i>Plethobasus cooperianus</i>	Year-round	SX-Not Recoverable
Pyramid Pigtoe	<i>Pleurobema rubrum</i>	Year-round	SX-Not Recoverable
Rough Pigtoe	<i>Pleurobema plenum</i>	Year-round	SX-Not Recoverable
Slender Walker	<i>Pomatiopsis lapidaria</i>	Year-round	G5; S3S5
Angular Disc	<i>Discus catskillensis</i>	Year-round	G5; S4
Armed Snaggletooth	<i>Gastrocopta armifera</i>	Year-round	G5; S4
Black Gloss	<i>Zonitoides nitidus</i>	Year-round	G5; S4
Changeable Mantleslug	<i>Megapallifera mutabilis</i>	Year-round	G5; S4



Crested Vertigo	<i>Vertigo cristata</i>	Year-round	G5; S4
Delicate Vertigo	<i>Vertigo bollesiana</i>	Year-round	G4G5; S4
Flamed Tigersnail	<i>Anguispira alternata</i>	Year-round	G5; S4
Meadow Slug	<i>Deroceras laeve</i>	Year-round	G5; S4
Mellow Column	<i>Columella columella</i>	Year-round	SNA
Redfoot Mantleslug	<i>Pallifera ohioensis</i>	Year-round	G5; S4
Toothed Globe	<i>Mesodon zaletus</i>	Year-round	G5; S4
American Burying Beetle	<i>Nicrophorus americanus</i>	Year-round	SX-Not Recoverable; G3; IUCN Red List-Critically Endangered; Federal-Endangered
A free-living caddisfly	<i>Rhyacophila otica</i>	Year-round	SH-Not Recoverable
Vannote's Cheumatopsyche Caddisfly	<i>Cheumatopsyche vannotei</i>	Year-round	SH-Not Recoverable
A golden stonefly	<i>Acroneuria arida</i>	Year-round	SH-Not Recoverable
Giant Stone	<i>Attaneuria ruralis</i>	Year-round	SH-Not Recoverable
Atlantis Fritillary	<i>Argynnis atlantis</i>	Year-round	G5?; S4
Brown Elfin	<i>Callophrys augustinus</i>	Year-round	G5; S4
Coral Hairstreak	<i>Satyrium titus</i>	Year-round	G5; S4
Harvester	<i>Feniseca tarquinius</i>	Year-round	G5; S4
Juniper Hairstreak	<i>Callophrys gryneus</i>	Year-round	G5; S4
Northern Crescent	<i>Phyciodes cocyta</i>	Year-round	G5; S4
Silvery Checkerspot	<i>Chlosyne nycteis</i>	Year-round	G5; S4
Swarthy Skipper	<i>Nastra lherminier</i>	Year-round	G5; S4
Zebra Swallowtail	<i>Eurytides marcellus</i>	Year-round	G5; S4
Apple Sphinx Moth	<i>Sphinx gordius</i>	Year-round	G4G5; S4
Black-waved Flannel Moth	<i>Megalopyge crispata</i>	Year-round	G5; S4
Blackish Tiger Moth	<i>Virbia nigricans</i>	Year-round	GH; SX-Not recoverable
Dot-lined White Moth	<i>Artace cribrarius</i>	Year-round	GNR; S4
Esther Moth	<i>Hypagyrtis esther</i>	Year-round	G5; S4
George's Midget Moth	<i>Elaphria georgei</i>	Year-round	G4; S4
Hop Vine Borer Moth	<i>Hydraecia immanis</i>	Year-round	SX-Not Recoverable



Indigo Stem Borer Moth	<i>Papaipema baptisiae</i>	Year-round	G5; S4
Lead-colored Lichen Moth	<i>Cisthene plumbea</i>	Year-round	G5; S4
Packard's Lichen Moth	<i>Cisthene packardii</i>	Year-round	G5; S4
Robinson's Underwing Moth	<i>Catocala robinsonii</i>	Year-round	SNA
Switchgrass Dart Moth	<i>Dichagyris acclivis</i>	Year-round	S4
Amber-winged Spreadwing	<i>Lestes eurinus</i>	Year-round	G5; S4
American Emerald	<i>Cordulia shurtleffii</i>	Year-round	G5; S4
Arrowhead Spiketail	<i>Cordulegaster obliqua</i>	Year-round	G4; S4
Attenuated Bluet	<i>Enallagma daeckii</i>	Year-round	SX-Not Recoverable
Band-winged Meadowhawk	<i>Sympetrum semicinctum</i>	Year-round	G5; S4
Banded Pennant	<i>Celithemis fasciata</i>	Year-round	G5; S4
Bar-winged Skimmer	<i>Libellula axilena</i>	Year-round	G5; S4
Blue Corporal	<i>Ladona deplanata</i>	Year-round	G5; S4
Comet Darner	<i>Anax longipes</i>	Year-round	G5; S4
Crimson-ringed Whiteface	<i>Leucorrhinia glacialis</i>	Year-round	G5; S4
Harlequin Darner	<i>Gomphaeschna furcillata</i>	Year-round	G5; S4
Lance-tipped Darner	<i>Aeshna constricta</i>	Year-round	G5; S4
Lilypad Clubtail	<i>Arigomphus furcifer</i>	Year-round	G5; S4
Lilypad forktail	<i>Ischnura kellicotti</i>	Year-round	G5; S4
Midland Clubtail	<i>Gomphurus fraternus</i>	Year-round	G5; S4
Mustached Clubtail	<i>Hylogomphus adelphus</i>	Year-round	G5; S4
Ski-tailed Emerald	<i>Somatochlora elongata</i>	Year-round	G5; S4
Sparkling Jewelwing	<i>Calopteryx dimidiata</i>	Year-round	SX-Not Recoverable
Spatdock Darner	<i>Rhionaeschna mutata</i>	Year-round	G4; S4
Taper-tailed Darner	<i>Gomphaeschna antilope</i>	Year-round	Not PA Native
Tiger Spiketail	<i>Cordulegaster erronea</i>	Year-round	G4; S4
Turquoise Bluet	<i>Enallagma divagans</i>	Year-round	G5; S4
Uhler's Sundragon	<i>Helocordulia uhleri</i>	Year-round	G5; S4



Table 3. 604 species identified as Data Deficient (i.e., too few data to evaluate conservation status at the state level) in the 2025-2035 Pennsylvania Wildlife Action Plan. These are not considered Species of Greatest Conservation Need but are included to highlight species for additional data collection efforts.

DATA DEFICIENT SPECIES			
Common Name	Scientific Name	Year-round	Justification
<i>Fishes</i>			
Hickory Shad	<i>Alosa mediocris</i>	Data Deficient-From SGCN	SU; State Endangered
Black Bullhead	<i>Ameiurus melas</i>	Data Deficient-From SGCN	SX-Recoverable, Insufficient information to identify conservation actions.
Blue Catfish	<i>Ictalurus furcatus</i>	Data Deficient-From SGCN	SX-Recoverable, Need evidence of natural reproduction.
Bullhead Minnow	<i>Pimephales vigilax</i>	Data Deficient-New	SX-Recoverable, Insufficient information to identify conservation actions.
Deepwater Sculpin	<i>Myoxocephalus thompsoni</i>	Data Deficient-New	SX-Recoverable, Insufficient information to identify conservation actions.
Fourspine Stickleback	<i>Apeltes quadracus</i>	Data Deficient-Maintained	SU; PA North Am. Pop.-Unknown, PA North Am. Range-Unknown, Short-term Pop. Trend-Unknown; Overall Threat Impact-Unknown
Highfin Carpsucker	<i>Carpionodes velifer</i>	Data Deficient-New	SX-Recoverable, Insufficient information to identify conservation actions.
Lake Chubsucker	<i>Erimyzon sucetta</i>	Data Deficient-New	SX-Recoverable, Insufficient information to identify conservation actions.
Mississippi Silvery Minnow	<i>Hybognathus nuchalis</i>	Data Deficient-New	SX-Recoverable, Insufficient information to identify conservation actions.
Northern Sunfish	<i>Lepomis peltastes</i>	Data Deficient-New	SX-Recoverable, Insufficient information to identify conservation actions.
Orangespotted Sunfish	<i>Lepomis humilis</i>	Data Deficient-New	SU; PA North Am. Pop.-Unknown, PA North Am. Range-Unknown, Overall Threat Impact-Unknown, Short-term Pop. Trend-Unknown



Paddlefish	<i>Polyodon spathula</i>	Data Deficient-From SGCN	SX-Recoverable, IUCN Red List-Vulnerable, Insufficient information to identify conservation actions.
Pickereel	<i>Esox americanus</i>	Data Deficient-New	S4; Short-term Population Trend-Unknown; Overall Threat Impact-Unknown
Pirate Perch	<i>Aphredoderus sayanus</i>	Data Deficient-New	SX-Recoverable, Insufficient information to identify conservation actions.
River Darter	<i>Percina shumardi</i>	Data Deficient-New	S4; Overall Threat Impact-Unknown, Short-term Population Trend-Unknown
River Shiner	<i>Alburnops blennius</i>	Data Deficient-From SGCN	SX-Recoverable, Insufficient information to identify conservation actions.
Sharpnose Darter	<i>Percina oxyrhynchus</i>	Data Deficient-New	SX-Recoverable, Insufficient information to identify conservation actions.
Shortnose Gar	<i>Lepisosteus platostomus</i>	Data Deficient-New	SX-Recoverable, Insufficient information to identify conservation actions.
Shovelnose Sturgeon	<i>Scaphirhynchus platyrhynchus</i>	Data Deficient-New	SX-Recoverable, IUCN Red List-Vulnerable, Insufficient information to identify conservation actions.
Silver Lamprey	<i>Ichthyomyzon unicuspis</i>	Data Deficient- Maintained	SX-Recoverable, Can't collect data from the streams where TFM lampricide is used. Removing use of TFM would make them recoverable. This is a lake-run species.
Spoonhead Sculpin	<i>Cottus ricei</i>	Data Deficient-New	SX-Recoverable, Insufficient information to identify conservation actions.
Western Banded Killifish	<i>Fundulus diaphanus menona</i>	Data Deficient-New	SU
<i>Frogs and Toads</i>			
Cope's Gray Treefrog	<i>Dryophytes chrysoscelis</i>	Data Deficient-From SGCN	S3S4, Species is designated Data Deficient because threat is listed as Unknown/undetermined and no specific conservation action (other than needing more data) could be identified.



<i>Snakes and Turtles</i>			
Eastern Ribbonsnake	<i>Thamnophis saurita</i>	Data Deficient-From SGCN	S3, Species is designated Data Deficient because threat is listed as Unknown/undetermined and no specific conservation action (other than needing more data) could be identified.
Mountain Earthsnake	<i>Virginia valeriae pulchra</i>	Data Deficient-From SGCN	S3, Species is designated Data Deficient because threat is listed as Unknown/undetermined and no specific conservation action (other than needing more data) could be identified.
Shorthead Garter Snake	<i>Thamnophis brachystoma</i>	Data Deficient-From SGCN	S4, NE Regional Priority; Short-term Pop. Trend-Relatively stable (<=10% change); Overall Threat Impact-Unknown; PA responsible for 80% of range. Species is designated Data Deficient because threat is listed as Unknown/undetermined and no specific conservation action (other than needing more data) could be identified.
Midland Smooth Softshell	<i>Apalone mutica mutica</i>	Data Deficient-New	SX-Recoverable
<i>Freshwater Mussels and Clams, Freshwater and Terrestrial Snails</i>			
Purple Wartyback	<i>Cyclonaias tuberculata</i>	Data Deficient-From SGCN	SH-Recoverable
Round Peaclam	<i>Pisidium equilaterale</i>	Data Deficient-New	SU
Tiny Peaclam	<i>Pisidium insigne</i>	Data Deficient-New	SU
Triangular Peaclam	<i>Pisidium variabile</i>	Data Deficient-New	SU
Walker Peaclam	<i>Pisidium walkeri</i>	Data Deficient-New	SU
A freshwater snail	<i>Amnicola decius</i>	Data Deficient-From SGCN	G1Q; SH-Recoverable; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
Gravel Pyrg	<i>Marstonia letsoni</i>	Data Deficient-New	SU
Ridged Lioplax	<i>Lioplax subcarinata</i>	Data Deficient-New	SU



Seep Mudalia	<i>Leptoxis dilatata</i>	Data Deficient-New	SU
Shawnee Rocksnail	<i>Lithasia obovata</i>	Data Deficient-New	SU
Appalachian Thorn	<i>Carychium clappi</i>	Data Deficient-Maintained	SU
Bladetooth Wedge	<i>Xolotrema fosteri</i>	Data Deficient-Maintained	SU
Bluegrass Snaggletooth	<i>Gastrocopta clappi</i>	Data Deficient-Maintained	SU
Blunt Ambersnail	<i>Oxyloma retusum</i>	Data Deficient-Maintained	SU
Brown Walker	<i>Pomatiopsis cincinnatiensis</i>	Data Deficient-Maintained	SU
Budded Threetooth	<i>Triodopsis tennesseensis</i>	Data Deficient-Maintained	SU
Carolina Mantleslug	<i>Philomycus carolinianus</i>	Data Deficient-Maintained	SU
Chesapeake Ambersnail	<i>Oxyloma subeffusum</i>	Data Deficient-Maintained	SU
Crested Snaggletooth	<i>Gastrocopta cristata</i>	Data Deficient-Maintained	SU
Depressed Glyph	<i>Glyphyalinia virginica</i>	Data Deficient-Maintained	SU
Eightfold Pincone	<i>Strobilops affinis</i>	Data Deficient-Maintained	SU
Five-tooth Vertigo	<i>Vertigo ventricosa</i>	Data Deficient-From SGCN	S3S4; The habitat needs of this snail, and the reasons for its rarity in PA, are poorly understood, so it is Data Deficient.
Forest Disc	<i>Discus whitneyi</i>	Data Deficient-Maintained	SU
Glossy Dome	<i>Ventridens acerra</i>	Data Deficient-Maintained	SU



Great Lakes Snaggletooth	<i>Gastrocopta similis</i>	Data Deficient-Maintained	SU
Hill Glyph	<i>Glyphyalinia cumberlandiana</i>	Data Deficient-Maintained	SU
Inland Slitmouth	<i>Stenotrema stenotrema</i>	Data Deficient-Maintained	SU
Marshall Ambersnail	<i>Oxyloma decampi</i>	Data Deficient-Maintained	SU
Mimic Threetooth	<i>Triodopsis fallax</i>	Data Deficient-Maintained	SU
Oval Ambersnail	<i>Novisuccinea ovalis</i>	Data Deficient-Maintained	SU
Pale Mantleslug	<i>Pallifera pennsylvanicus</i>	Data Deficient-Maintained	SU
Penn Ambersnail	<i>Succinea pennsylvanica</i>	Data Deficient-Maintained	SU
Perforate Dome	<i>Ventridens demissus</i>	Data Deficient-Maintained	SU
Proud Globe	<i>Mesodon elevatus</i>	Data Deficient-Maintained	SU
Santa Rita Ambersnail	<i>Succinea grosvenori</i>	Data Deficient-Maintained	SU
Sealed Globelet	<i>Mesodon mitchellianus</i>	Data Deficient-Maintained	SU
Severed Mantleslug	<i>Pallifera secreta</i>	Data Deficient-From SGCN	S2S3; The threats to this slug are not well-understood.
Shagreen	<i>Inflectarius inflectus</i>	Data Deficient-Maintained	SU
Sharp Wedge	<i>Xolotrema obstrictum</i>	Data Deficient-Maintained	SU
Southeastern Gem	<i>Hawaiiia alachuana</i>	Data Deficient-Maintained	SU



Spiral Mountain Glyph	<i>Glyphyalinia carolinensis</i>	Data Deficient-Maintained	SU
Suboval Ambersnail	<i>Mediappendix vermeta</i>	Data Deficient-Maintained	SU
Tapered Vertigo	<i>Vertigo elatior</i>	Data Deficient-Maintained	SU
Throaty Dome	<i>Ventridens gularis</i>	Data Deficient-Maintained	SU
Tight Coil	<i>Helicodiscus notius</i>	Data Deficient-Maintained	SU
Trumpet Vallonia	<i>Vallonia parvula</i>	Data Deficient-Maintained	SU
Wing Snaggletooth	<i>Gastrocopta procera</i>	Data Deficient-Maintained	SU
Xeric Ambersnail	<i>Succinea indiana</i>	Data Deficient-Maintained	SU
Yellow Globelet	<i>Mesodon clausus</i>	Data Deficient-Maintained	SU
<i>Amphipods, Copepods, and Isopods</i>			
Dave's Scud	<i>Gammarus sp. nov.</i>	Data Deficient-New	SU
Lee Cave Amphipod	<i>Stygobromus sp. nov.</i>	Data Deficient-New	Specimens from Lee Cave, Warren County appear to represent an undescribed species (J. Holsinger). This may be an endemic; additional investigations are urgently needed.
<i>Crayfishes</i>			
White River Crawfish	<i>Procambarus acutus</i>	Data Deficient-New	SU; NE Regional Priority-No, Short-term Pop. Trend-Unknown; Overall Threat Impact-Unknown
<i>Fairy, Clam, and Tadpole Shrimps</i>			
Mississippi Grass Shrimp	<i>Palaemonetes kadiakensis</i>	Data Deficient-New	SU



<i>Marine Crustaceans</i>			
Blue Crab	<i>Callinectes sapidus</i>	Data Deficient-Maintained	SU
<i>Spiders and Harvestmen</i>			
A funnel-web spider	<i>Agelenopsis kastoni</i>	Data Deficient-New	SU
A jumping spider	<i>Maevia sp. B</i>	Data Deficient-New	SU
A purse-web spider	<i>Sphodros sp. nov.</i>	Data Deficient-New	SU
A sheetweb cave spider	<i>Phanetta subterranea</i>	Data Deficient-From SGCN	S1S3; The distribution of this spider is poorly known, so it is Data Deficient.
Appalachian Cave Spider	<i>Porrhomma cavernicola</i>	Data Deficient-From SGCN	S1S3; The distribution of this spider is poorly known, so it is Data Deficient.
Beatty's Sheetweb Cave Spider	<i>Oreonetides beattyi</i>	Data Deficient-From SGCN	S1S3; The distribution of this spider is poorly known, so it is Data Deficient.
Jennings' Cobweb Spider	<i>Chrosiothes jenningsi</i>	Data Deficient-New	G1; S1S2; The habitat needs of this spider are poorly known, because it is only known from two sites globally. We assume there are additional undocumented populations, but we have little idea of where they would be, so the species is Data Deficient.
Red-lined Wolf Spider	<i>Arctosa rubicunda</i>	Data Deficient-New	S1S3; We do not understand the reasons for this spider's rarity, so it is Data Deficient.
<i>Fireflies and Other Beetles</i>			
A firefly	<i>Photuris tremulans</i>	Data Deficient-New	SU
Autumnal Firefly	<i>Ellychnia autumnalis</i>	Data Deficient-New	SU
Cattail Flash-train Firefly	<i>Photinus consimilis</i>	Data Deficient-New	SU
Marsh Gray Firefly	<i>Pyrractomena linearis</i>	Data Deficient-New	SU
Northern Ablaze Flash-Train	<i>Photinus ardens</i>	Data Deficient-New	SU
Pale Firefly	<i>Photinus scintillans</i>	Data Deficient-New	SU
Synchronous Firefly	<i>Photinus carolinus</i>	Data Deficient-New	SU



A click beetle	<i>Cardiophorus erythropus</i>	Data Deficient-New	SU
A click beetle	<i>Cardiophorus robustus</i>	Data Deficient-New	GNR; SH-Recoverable This species has not been seen in PA for many years, so it is ranked SH. We do not understand the reasons for its apparent disappearance, or the threats it faces, so it is Data Deficient.
A click beetle	<i>Pherhimius fascicularis</i>	Data Deficient-New	S3S4; This species was recently detected in PA for the first time. It may be moving north into PA with climate shifts, but this is speculation. Additionally, threats to this species are not well-understood, so it is data deficient.
A harp ground beetle	<i>Pterostichus superciliosus</i>	Data Deficient-New	S3S4; Degree of habitat specificity, and threats to the species, are not well understood.
Arciform Click Beetle	<i>Cardiophorus convexulus</i>	Data Deficient-New	Threats Unknown, no actions identified; SH-Recoverable
Ash and Privet Borer	<i>Tylonotus bimaculatus</i>	Data Deficient-New	SU
Black Lordithon Rove Beetle	<i>Lordithon niger</i>	Data Deficient-New	GU; SH-Recoverable; The degree to which this species relies on mature or old-growth forest is very uncertain, with many sources conflicting, so this species is designated Data Deficient.
Convex Click Beetle	<i>Cardiophorus convexus</i>	Data Deficient-New	SU
Elm Bark Borer or Small-lined Long-horned Beetle	<i>Physocnemum brevilineum</i>	Data Deficient-New	S1S3; Actions needed to restore the American Elm have not been identified, so this species remains Data Deficient.
Glacial Lady Beetle	<i>Hippodamia glacialis</i>	Data Deficient-New	S3S4; We do not understand the reasons for this beetle's rarity, so it is Data Deficient.
Goldsmith Beetle	<i>Cotalpa lanigera</i>	Data Deficient-New	S2; We do not understand the reasons for this beetle's rarity in PA, so no actions have been identified to support it, and it is designated as Data Deficient.
Jet-black Click Beetle	<i>Cardiophorus gagates</i>	Data Deficient-New	SU



Kindred Heart Click Beetle	<i>Cardiophorus propinquus</i>	Data Deficient-New	SU
Margined Burying Beetle	<i>Nicrophorus marginatus</i>	Data Deficient-New	SH-Recoverable; We do not understand the reasons why this beetle has apparently disappeared from PA, so it is Data Deficient.
Nice Lady Beetle	<i>Coccidula lepida</i>	Data Deficient-New	SU
Nine-spotted Lady Beetle	<i>Coccinella novemnotata</i>	Data Deficient-New	SH-Recoverable; Short-Term Population Trend-Decline of >90%; Overall Threat Impact-Very High. This species has disappeared from Pennsylvania due to Microsporidia carried by the invasive <i>Harmonia axyridis</i> . We have not been able to identify any actions that would recover the species, so it is designated as Data Deficient.
Pine Root Long-horned Beetle	<i>Arhopalus obsoletus</i>	Data Deficient-New	S2S3; This species is being replaced by the introduced <i>Arhopalus rusticus</i> , but there is uncertainty about the rate of displacement, with <i>A. rusticus</i> first detected in PA in 2013 and now present in at least 3 PA counties, with monitoring efforts limited. Actions to counter this invasion have not been identified, so the species is Data Deficient.
Sand Shiny Leaf Chafer	<i>Strigoderma arbicola</i>	Data Deficient-New	S2; We do not understand the threats facing this beetle, so it is Data Deficient.
Schaum's Longhorn Beetle	<i>Stenocorus schaumii</i>	Data Deficient-New	SU
Six-banded Longhorn Beetle	<i>Dryobius sexnotatus</i>	Data Deficient-From SGCN	S3S4; Evidence from other parts of the range, where pheromone traps have been used, suggests that the species can be more common than previously supposed, and may not be as limited by host tree size as previously reported, but these factors are conjectural until more field work is done in PA, so the species is Data Deficient.



Small-eyed Click Beetle	<i>Alaus myops</i>	Data Deficient-New	S2S3; The degree to which this beetle is dependent on hard pines, and thus the degree to which it is threatened by the southern pine bark beetle, is uncertain, therefore this species is Data Deficient.
Smooth Stag Beetle	<i>Lucanus placidus</i>	Data Deficient-New	S1S2; The reasons for this species' rarity are not understood, so it is Data Deficient.
Three-banded Lady Beetle	<i>Coccinella trifasciata</i>	Data Deficient-New	SU
Two-spotted Lady Beetle	<i>Adalia bipunctata</i>	Data Deficient-New	SU
Yellow-fronted Lady Beetle	<i>Nephus flavifrons</i>	Data Deficient-New	GNR; SH-Recoverable; The reasons for this species' rarity are not understood, so it is Data Deficient.
Big-headed Tiger Beetle	<i>Tetracha virginica</i>	Data Deficient-New	S2S3; The threats to this beetle, and the reasons for its rarity, remain unknown, so it is Data Deficient.
<i>Hover Flies and Other Flies</i>			
Black-dented Leafwalker	<i>Chalcosyrphus aristatus</i>	Data Deficient-New	G1G3; S1S2; There is uncertainty about the distribution of this species and the threats it faces, as well as the actions needed to address those threats, so it is designated Data Deficient.
Golden Pine Fly	<i>Callicera erratica</i>	Data Deficient-New	Insufficient information regarding threats to assign actions.
Hairy Wood Fly	<i>Blera umbratilis</i>	Data Deficient-New	Insufficient information regarding threats to assign actions.
Hidden Ant Fly	<i>Microdon abstrusus</i>	Data Deficient-New	G1G3; S1S2; There is uncertainty about the distribution of this species and the threats it faces, as well as the actions needed to address those threats, so it is designated Data Deficient.
Lily-loving Thickleg	<i>Tropidia calcarata</i>	Data Deficient-New	G3G4; S1S2; There is uncertainty about the distribution of this species and the threats it faces, as well as the actions needed to address those threats, so it is designated Data Deficient.



Narrow-faced Grass Skimmer	<i>Paragus angustifrons</i>	Data Deficient-New	S2S3; There is uncertainty about the distribution of this species and the threats it faces, as well as the actions needed to address those threats, so it is designated Data Deficient.
Painted Wood Fly	<i>Blera pictipes</i>	Data Deficient-New	Insufficient information regarding threats to assign actions.
Sterling Quicksilver	<i>Hadromyia aepalius</i>	Data Deficient-New	G2G4; S2S3; There is uncertainty about the distribution of this species and the threats it faces, as well as the actions needed to address those threats, so it is designated Data Deficient.
White-fronted Blacklet	<i>Cheilosia cynoprosopa</i>	Data Deficient-New	G2G4; S2S3; There is uncertainty about the distribution of this species and the threats it faces, as well as the actions needed to address those threats, so it is designated Data Deficient.
A crane fly	<i>Antocha obtusa</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Austrolimnophila unica</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Cryptolabis paradoxa</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Ctenophora apicata</i>	Data Deficient-New	S2S4; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Ctenophora nubecula</i>	Data Deficient-New	S2S4; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Dactylolabis cubitalis</i>	Data Deficient-New	S2S4; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.



A crane fly	<i>Dicranomyia distendens</i>	Data Deficient-New	SU
A crane fly	<i>Dicranoptycha germana</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Dicranoptycha septemtrionis</i>	Data Deficient-New	S2S4; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Dicranoptycha tennesse</i>	Data Deficient-New	S2S4; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Dicranoptycha tigrina</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Dicranoptycha winnemana</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Dicranota cayuga</i>	Data Deficient-New	S2S4; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Dicranota eucera</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Dicranota flaveola</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Dicranota noveboracensis</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Dicranota pallida</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.



A crane fly	<i>Dicranota persimilis</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Dicranota rivularis</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Dolichopeza sayi</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Dolichopeza subvenosa</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Erioptera armillaris</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Erioptera chlorophylla</i>	Data Deficient-New	S2S4; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Erioptera chlorophylloides</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Erioptera furcifer</i>	Data Deficient-New	S2S4; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Erioptera graphica</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Erioptera straminea</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Erioptera vespertina</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.



A crane fly	<i>Erioptera villosa</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Euphylidorea albipes</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Euphylidorea novaeangliae</i>	Data Deficient-New	S2S4; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Gonomyia blanda</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Gonomyia sacandaga</i>	Data Deficient-New	SU
A crane fly	<i>Hexatoma austera</i>	Data Deficient-New	SU
A crane fly	<i>Hexatoma cinerea</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Hexatoma spinosa</i>	Data Deficient-New	S2S4; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Idioptera aprilina</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Leptotarsus rivertonensis</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Leptotarsus testaceus</i>	Data Deficient-New	S2S4; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Limnophila albipes</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.



A crane fly	<i>Limnophila caudifera</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Limnophila fasciolata</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Limnophila johnsoni</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Limnophila luteola</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Limnophila similis</i>	Data Deficient-New	SU
A crane fly	<i>Limnophila subtenuicornis</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Limonia brevivenula</i>	Data Deficient-New	SU
A crane fly	<i>Limonia distans</i>	Data Deficient-New	SU
A crane fly	<i>Limonia halterata</i>	Data Deficient-New	SU
A crane fly	<i>Limonia halterella</i>	Data Deficient-New	SU
A crane fly	<i>Limonia isabellina</i>	Data Deficient-New	SU
A crane fly	<i>Limonia maculicosta</i>	Data Deficient-New	SU
A crane fly	<i>Limonia spinifera</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Liogma nodicornis</i>	Data Deficient-New	S2S4; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Molophilus heterocerus</i>	Data Deficient-New	SU



A crane fly	<i>Nephrotoma sodalis</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Ormosia hubbelli</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Ormosia monticola</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Ormosia perplexa</i>	Data Deficient-New	SU
A crane fly	<i>Paradelphomyia minuta</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Paradelphomyia pleuralis</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Pedicia paludicola</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Scleroprocta innocens</i>	Data Deficient-New	S2S4; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Tipula angulata</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Tipula annulicornis</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Tipula aprilina</i>	Data Deficient-New	S2S4; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.



A crane fly	<i>Tipula cayuga</i>	Data Deficient-New	S2S4; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Tipula flavibasis</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Tipula flavoumbrosa</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Tipula fraterna</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Tipula friendi</i>	Data Deficient-New	S2S4; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Tipula helderbergensis</i>	Data Deficient-New	SU
A crane fly	<i>Tipula hugginsi</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Tipula ignobilis</i>	Data Deficient-New	S2S4; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Tipula iroquois</i>	Data Deficient-New	S2S4; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Tipula margarita</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Tipula oropezoides</i>	Data Deficient-New	S2S4; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.



A crane fly	<i>Tipula penobscot</i>	Data Deficient-New	S2S4; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Tipula perlongipes</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Tipula stonei</i>	Data Deficient-New	S2S4; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Tipula translucida</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Tricyphona autumnalis</i>	Data Deficient-New	S2S4; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Tricyphona johnsoni</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Tricyphona katahdin</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A crane fly	<i>Ula sylvatica</i>	Data Deficient-New	SU
A crane fly	<i>Ulomorpha rogersella</i>	Data Deficient-New	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A robber fly	<i>Dasylechia atrox</i>	Data Deficient-New	S1S2; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
A robber fly	<i>Proctacanthus rufus</i>	Data Deficient-New	S2S4; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.



Allen's Crane Fly	<i>Eutonia alleni</i>	Data Deficient-From SGCN	S1S3; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
Band-winged Bee Fly	<i>Exoprosopa fascipennis</i>	Data Deficient-New	S3? The threats to this species remain largely unknown, so it is Data Deficient.
Sand Hammertail	<i>Efferia albibarbis</i>	Data Deficient-New	SU
Williams' Crane Fly	<i>Tipula williamsiana</i>	Data Deficient-From SGCN	S2S4; There remain extensive gaps in our knowledge of the distribution of this species, so it is Data Deficient.
<i>Mayflies, Stoneflies, and Caddisflies</i>			
A caddisfly	<i>Beraea nigrutta</i>	Data Deficient-New	G2G3; NE Regional Priority-Yes; S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
A caddisfly	<i>Ceraclea erratica</i>	Data Deficient-New	G3G4; S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
A caddisfly	<i>Hydropsyche impula</i>	Data Deficient-New	S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
A caddisfly	<i>Hydropsyche ophthalmica</i>	Data Deficient-New	G3; S2S4; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
A caddisfly	<i>Hydroptila alabama</i>	Data Deficient-New	G3G4; S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
A caddisfly	<i>Lepidostoma wigginsii</i>	Data Deficient-New	G3G4; S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
A caddisfly	<i>Theliopsyche grisea</i>	Data Deficient-New	G3G4; S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.



A hydropsychid caddisfly	<i>Homoplectra monticola</i>	Data Deficient-New	G2G3; S2S4; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
A microcaddisfly	<i>Hydroptila antennopodia</i>	Data Deficient-New	G3G4; S2S4; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
A purse casemaker caddisfly	<i>Hydroptila parachelops</i>	Data Deficient-New	S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
Alabama Long-horned Caddisfly	<i>Ceraclea alabamiae</i>	Data Deficient-From SGCN	G1G3; S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
American Comb-lipped Caddisfly	<i>Heteroplectron americanum</i>	Data Deficient-New	S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
American Spring-loving Caddisfly	<i>Beraea fontana</i>	Data Deficient-New	G2G4; NE Regional Priority-Yes; S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
Chattanooga Microcaddisfly	<i>Hydroptila chattanooga</i>	Data Deficient-New	G3G4; S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
Cole's Tube-maker Caddisfly	<i>Polycentropus colei</i>	Data Deficient-New	G3G4; S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
Dotted Long-horned Caddisfly	<i>Ceraclea punctata</i>	Data Deficient-New	S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
Helma's Net-spinning Caddisfly	<i>Cheumatopsyche helma</i>	Data Deficient-From SGCN	G3G4; S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.



Ontario Bizarre Caddisfly	<i>Lepidostoma ontario</i>	Data Deficient-New	S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
Ricker's Tube-maker Caddisfly	<i>Polycentropus rickeri</i>	Data Deficient-New	G3G4; S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
Ruth's Long-horned Caddisfly	<i>Ceraclea ruthae</i>	Data Deficient-New	G3; S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
Spatulate Long-horned Caddisfly	<i>Ceraclea uvalo</i>	Data Deficient-New	G3; S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
White-spotted Long-horned Caddisfly	<i>Ceraclea albosticta</i>	Data Deficient-From SGCN	G1G3; S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
A mayfly	<i>Ameletus cryptostimulus</i>	Data Deficient-From SGCN	S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
A mayfly	<i>Arthroplea bipunctata</i>	Data Deficient-From SGCN	S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
A mayfly	<i>Choroterpes basalis</i>	Data Deficient-From SGCN	S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
A mayfly	<i>Ephemerella aurivillii</i>	Data Deficient-From SGCN	S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
A mayfly	<i>Ephemerella excrucians</i>	Data Deficient-From SGCN	S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
A mayfly	<i>Ephemerella floripara</i>	Data Deficient-From SGCN	G3; S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.



A mayfly	<i>Ephemerella invaria</i>	Data Deficient-From SGCN	S2S4; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
A mayfly	<i>Neoephemera purpurea</i>	Data Deficient-From SGCN	S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
A sand minnow mayfly	<i>Siphloplecton basale</i>	Data Deficient-From SGCN	S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
Barton's Spiny Crawler Mayfly	<i>Dentatella coxalis</i>	Data Deficient-New	S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
Brown's Comb Minnow Mayfly	<i>Ameletus browni</i>	Data Deficient-From SGCN	G3G4; S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
Dotted Flat-headed Mayfly	<i>Epeorus punctatus</i>	Data Deficient-New	S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
Half-red Small Minnow Mayfly	<i>Anafrptilum semirufum</i>	Data Deficient-From SGCN	G3G4; S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
Hoffman's Brushlegged Mayfly	<i>Isonychia hoffmani</i>	Data Deficient-From SGCN	G1G3; S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
Hungry Flat-headed Mayfly	<i>Rhithrogena jejuna</i>	Data Deficient-New	S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
Juno's Flat-headed Mayfly	<i>Leucrocuta juno</i>	Data Deficient-New	S2S4
Loveable Flat-headed Mayfly	<i>Rhithrogena amica</i>	Data Deficient-New	S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
Margaret's Spiny Crawler Mayfly	<i>Attenella margarita</i>	Data Deficient-Maintained	SNR; Per P. Woods noted as Data Deficient.



Nova Scotia Spiny Crawler Mayfly	<i>Eurylophella bicoloroides</i>	Data Deficient-From SGCN	G3; S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
Provancher's Armored Mayfly	<i>Baetisca rubescens</i>	Data Deficient-New	G3G4; NE Regional Priority-Yes; S2S4; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
Rusty Small Minnow Mayfly	<i>Baetis rusticans</i>	Data Deficient-New	G2G3; SH-Recoverable; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
Shady Flat-headed Mayfly	<i>Leucrocuta umbratica</i>	Data Deficient-New	S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
Small Eastern Blue-winged Olive	<i>Attenella attenuata</i>	Data Deficient-Maintained	SU
Trinity Comb Minnow Mayfly	<i>Ameletus tertius</i>	Data Deficient-New	S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
Wallace's Deepwater Mayfly	<i>Spinadis simplex</i>	Data Deficient-New	G2G4; S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
Walsh's Flat-headed Mayfly	<i>Leucrocuta walshi</i>	Data Deficient-New	S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
Wild Primitive Minnow Mayfly	<i>Siphonurus barbaroides</i>	Data Deficient-New	G3; NE Regional Priority-Yes; S1S3
A stonefly	<i>Acroneuria filicis</i>	Data Deficient-New	S2S4; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
A stonefly	<i>Acroneuria kosztarabi</i>	Data Deficient-New	S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.



Aracoma Sallfly	<i>Alloperla aracoma</i>	Data Deficient-From SGCN	G3; S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
Dark Stripetail	<i>Isoperla lata</i>	Data Deficient-New	S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
Lobed Stone	<i>Acroneuria internata</i>	Data Deficient-From SGCN	S2S4; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
Midwestern Salmonfly	<i>Pteronarcys pictetii</i>	Data Deficient-New	S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
Spiny Salmonfly	<i>Pteronarcys comstocki</i>	Data Deficient-Maintained	G3; S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
St. Lawrence Snowfly	<i>Allocapnia pechumani</i>	Data Deficient-New	S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
Stonyfork Snowfly	<i>Allocapnia harperi</i>	Data Deficient-From SGCN	SH-Recoverable; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
Tiny Stone	<i>Perlesta nitida</i>	Data Deficient-Maintained	SU
Transverse Stripetail	<i>Isoperla signata</i>	Data Deficient-New	SU
Variable Needlfly	<i>Leuctra variabilis</i>	Data Deficient-From SGCN	S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
Vernal Sallfly	<i>Alloperla idei</i>	Data Deficient-From SGCN	G3; S1S3; There is uncertainty about the distribution of this species and the threats it faces, so it is designated Data Deficient.
Sawflies, Horntails, and Allies			



A spider wasp	<i>Anoplius hispidulus</i>	Data Deficient-New	S1S2; The habitat needs of this very rare wasp are not well understood, so it remains Data Deficient.
A spider wasp	<i>Aporinellus taeniatus</i>	Data Deficient-New	SU
A spider wasp	<i>Calopompilus fortis</i>	Data Deficient-New	SU
A square-headed wasp	<i>Tachytes distinctus</i>	Data Deficient-New	SU
A square-headed wasp	<i>Tachytes guatemalensis</i>	Data Deficient-New	SU
A square-headed wasp	<i>Tachytes validus</i>	Data Deficient-New	SU
Feather-legged Scoliid Wasp	<i>Dielis plumipes</i>	Data Deficient-New	SU
Steel-blue Cricket-hunter Wasp	<i>Chlorion aerarium</i>	Data Deficient-New	SU
A potter wasp	<i>Eumenes verticalis</i>	Data Deficient-New	Threats unknown, no actions identified; S3S4.
<i>Solitary Bees and Bumble Bees</i>			
A cuckoo bee	<i>Nomada fervida</i>	Data Deficient-New	S2S3; The host range of this cuckoo bee remains poorly understood, so it is Data Deficient.
A cuckoo bee	<i>Nomada fragariae</i>	Data Deficient-New	S2S3; The host range of this cuckoo bee remains poorly understood, so it is Data Deficient.
A cuckoo bee	<i>Nomada rubicunda</i>	Data Deficient-New	GNR; SH-Recoverable; The host range of this cuckoo bee remains poorly understood, so it is Data Deficient.
A cuckoo bee	<i>Nomada skinneri</i>	Data Deficient-New	GNR; SH-Recoverable; The host range of this cuckoo bee remains poorly understood, so it is Data Deficient.
A cuckoo bee	<i>Nomada tiftonensis</i>	Data Deficient-New	GNR; SH-Recoverable; The host range of this cuckoo bee remains poorly understood, so it is Data Deficient.
A cuckoo nomad bee	<i>Nomada sphaerogaster</i>	Data Deficient-New	S1S3; The host range of this cuckoo bee remains poorly understood, so it is Data Deficient.
A cuckoo nomad bee	<i>Nomada superba</i>	Data Deficient-New	S2S4; The host range of this cuckoo bee remains poorly understood, so it is Data Deficient.
A mason bee	<i>Osmia chalybea</i>	Data Deficient-New	SH-Recoverable



A mason bee	<i>Osmia sandhouseae</i>	Data Deficient-New	S1S3; Osmia species are facing extreme threat due to invasive chalk brood fungi carried by introduced Osmia species, but we have not identified actions to protect our native Osmia, so they remain Data Deficient.
A miner bee	<i>Panurginus potentillae</i>	Data Deficient-New	S2S3
A nomad cuckoo bee	<i>Nomada ulsterensis</i>	Data Deficient-New	GNR; SH-Recoverable; The host range of this cuckoo bee remains poorly understood, so it is Data Deficient.
A sweat bee	<i>Sphecodes antennariae</i>	Data Deficient-New	S1S3; The host range of this cuckoo bee remains poorly understood, so it is Data Deficient.
A sweat bee	<i>Sphecodes banksii</i>	Data Deficient-New	S1S3; The host range of this cuckoo bee remains poorly understood, so it is Data Deficient.
A sweat bee	<i>Sphecodes carolinus</i>	Data Deficient-New	S2S4; The host range of this cuckoo bee remains poorly understood, so it is Data Deficient.
American Cuckoo Nomad Bee	<i>Epeolus americanus</i>	Data Deficient-New	GNR; SH-Recoverable; The host range of this cuckoo bee remains poorly understood, so it is Data Deficient.
Austral Cuckoo Nomad Bee	<i>Nomada australis</i>	Data Deficient-New	S2S3; The host range of this cuckoo bee remains poorly understood, so it is Data Deficient.
Autumn Cuckoo Sweat Bee	<i>Sphecodes autumnalis</i>	Data Deficient-New	S1S2; The host range of this cuckoo bee remains poorly understood, so it is Data Deficient.
Bi-lobed Cuckoo Sweat Bee	<i>Sphecodes confertus</i>	Data Deficient-New	S1S3; The host range of this cuckoo bee remains poorly understood, so it is Data Deficient.
Black-tipped Cuckoo Sweat Bee	<i>Sphecodes prosphorus</i>	Data Deficient-New	SU
Blue Orchard Bee	<i>Osmia lignaria</i>	Data Deficient-New	S2S3; Osmia species are facing extreme threat due to invasive chalk brood fungi carried by introduced Osmia species, but we have not identified actions to protect our native Osmia, so they remain Data Deficient.



Bounded Cuckoo Nomad Bee	<i>Nomada vincta</i>	Data Deficient-New	S2S3; The host range of this cuckoo bee remains poorly understood, so it is Data Deficient.
Bufflehead Mason Bee	<i>Osmia bucephala</i>	Data Deficient-New	S2S3; Osmia species are facing extreme threat due to invasive chalk brood fungi carried by introduced Osmia species, but we have not identified actions to protect our native Osmia, so they remain Data Deficient.
Capped Cuckoo Sweat Bee	<i>Sphecodes galerus</i>	Data Deficient-New	S2S4; The host range of this cuckoo bee remains poorly understood, so it is Data Deficient.
Chokeberry Cuckoo Sweat Bee	<i>Sphecodes aroniae</i>	Data Deficient-New	S2S3; The host range of this cuckoo bee remains poorly understood, so it is Data Deficient.
Clematis Cuckoo Sweat Bee	<i>Sphecodes clematidis</i>	Data Deficient-New	SU
Collins's Mason Bee	<i>Osmia collinsiae</i>	Data Deficient-New	S2S3; Osmia species are facing extreme threat due to invasive chalk brood fungi carried by introduced Osmia species, but we have not identified actions to protect our native Osmia, so they remain Data Deficient.
Concave Cuckoo Nomad Bee	<i>Triepeolus concavus</i>	Data Deficient-New	SU
Dwarf Mason Bee	<i>Osmia pumila</i>	Data Deficient-New	S2S3; Osmia species are facing extreme threat due to invasive chalk brood fungi carried by introduced Osmia species, but we have not identified actions to protect our native Osmia, so they remain Data Deficient.
Eastern Cuckoo Sweat Bee	<i>Sphecodes pimpinellae</i>	Data Deficient-New	S1S3; The host range of this cuckoo bee remains poorly understood, so it is Data Deficient.



Eastern Snail Shell Mason Bee	<i>Osmia conjuncta</i>	Data Deficient-New	S1S3; Osmia species are facing extreme threat due to invasive chalk brood fungi carried by introduced Osmia species, but we have not identified actions to protect our native Osmia, so they remain Data Deficient.
Friendly Mason Bee	<i>Osmia proxima</i>	Data Deficient-New	SH-Recoverable
Georgia Mason Bee	<i>Osmia georgica</i>	Data Deficient-New	S2S3; Osmia species are facing extreme threat due to invasive chalk brood fungi carried by introduced Osmia species, but we have not identified actions to protect our native Osmia, so they remain Data Deficient.
Illinois Cuckoo Nomad Bee	<i>Nomada illinoensis</i>	Data Deficient-New	S2S4; The host range of this cuckoo bee remains poorly understood, so it is Data Deficient.
Illinois Cuckoo Sweat Bee	<i>Sphecodes illinoensis</i>	Data Deficient-New	S2S3; The host range of this cuckoo bee remains poorly understood, so it is Data Deficient.
Maine Blueberry Bee	<i>Osmia atriventris</i>	Data Deficient-New	S2S3; Osmia species are facing extreme threat due to invasive chalk brood fungi carried by introduced Osmia species, but we have not identified actions to protect our native Osmia, so they remain Data Deficient.
Norton's Alkali Bee	<i>Nomia nortoni</i>	Data Deficient-New	SH-Recoverable; The host range of this cuckoo bee remains poorly understood, so it is Data Deficient.
Obliterated Cuckoo Nomad Bee	<i>Nomada obliterated</i>	Data Deficient-New	GNR; SH-Recoverable; The host range of this cuckoo bee remains poorly understood, so it is Data Deficient.
Placid Cuckoo Nomad Bee	<i>Nomada placida</i>	Data Deficient-New	S1S3; The host range of this cuckoo bee remains poorly understood, so it is Data Deficient.
Puny Cuckoo Nomad Bee	<i>Epeolus pusillus</i>	Data Deficient-New	SU



Red-tailed Yellow-faced Bee	<i>Hylaeus nelumbonis</i>	Data Deficient-New	S2S3; Surveys for bees on water lilies and spatterdock have been very limited, and the degree of dependence of this bee on those hosts is uncertain, so the bee is Data Deficient.
Reddish Cuckoo Nomad Bee	<i>Nomada subrutila</i>	Data Deficient-New	S1S3; The host range of this cuckoo bee remains poorly understood, so it is Data Deficient.
Shiny-faced Mason Bee	<i>Osmia inspergens</i>	Data Deficient-New	S1S3; Osmia species are facing extreme threat due to invasive chalk brood fungi carried by introduced Osmia species, but we have not identified actions to protect our native Osmia, so they remain Data Deficient.
Similar Mason Bee	<i>Osmia simillima</i>	Data Deficient-New	S1S3; Osmia species are facing extreme threat due to invasive chalk brood fungi carried by introduced Osmia species, but we have not identified actions to protect our native Osmia, so they remain Data Deficient.
Sunflower Cuckoo Nomad Bee	<i>Triepeolus helianthi</i>	Data Deficient-New	SU
Texas Mason Bee	<i>Osmia texana</i>	Data Deficient-New	S1S3; Osmia species are facing extreme threat due to invasive chalk brood fungi carried by introduced Osmia species, but we have not identified actions to protect our native Osmia, so they remain Data Deficient.
True Cuckoo Nomad Bee	<i>Nomada valida</i>	Data Deficient-New	S3S4; The host range of this cuckoo bee remains poorly understood, so it is Data Deficient.
Twig Mason Bee	<i>Osmia virga</i>	Data Deficient-New	S1S2; Osmia species are facing extreme threat due to invasive chalk brood fungi carried by introduced Osmia species, but we have not identified actions to protect our native Osmia, so they remain Data Deficient.



Water-lily Sweat Bee	<i>Lasioglossum nelumbonis</i>	Data Deficient-New	S3? Surveys for bees on water lilies and spatterdock have been very limited, and the degree of dependence of this bee on those hosts is uncertain, so the bee is Data Deficient.
White-bellied Mason Bee	<i>Osmia albiventris</i>	Data Deficient-New	S2S3; Osmia species are facing extreme threat due to invasive chalk brood fungi carried by introduced Osmia species, but we have not identified actions to protect our native Osmia, so they remain Data Deficient.
Yellow-striped Cuckoo Nomad Bee	<i>Nomada xanthura</i>	Data Deficient-New	S3S4; The host range of this cuckoo bee remains poorly understood, so it is Data Deficient.
Ashton Cuckoo Bumble Bee	<i>Bombus bohemicus</i>	Data Deficient-From SGCN	G3G5; SH-Recoverable; This species has disappeared due to the decline of Bombus affinis. As yet, there are no actions identified to restore Bombus affinis to PA, so this bee is designated as Data Deficient.
Rusty-Patched Bumble Bee	<i>Bombus affinis</i>	Data Deficient-From SGCN	G2; SH-Recoverable; This species has disappeared from Pennsylvania, and no actions have yet been identified by the federal recovery effort to bring it back to Pennsylvania, so it remains Data Deficient.
<i>Moths</i>			
A clearwing moth	<i>Synanthedon fulvipes</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S3
A geometrid moth	<i>Caripeta sp. 1</i>	Data Deficient-New	SU
A geometrid moth	<i>Eupithecia affinata</i>	Data Deficient-New	SU
A geometrid moth	<i>Eupithecia columbiata</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
A geometrid moth	<i>Eupithecia indistincta</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
A geometrid moth	<i>Eupithecia matheri</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
A geometrid moth	<i>Macaria abruptata</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
A geometrid moth	<i>Macaria anataria</i>	Data Deficient-New	SU



A geometrid moth	<i>Macaria exauspicata</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S2
A geometrid moth	<i>Nepytia pellucidaria</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S2
A geometrid moth	<i>Sphacelodes vulneraria</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S2
A geometrid moth	<i>Xanthorhoe iduata</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
A geometrid moth	<i>Xanthorhoe packardata</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
A grass miner moth	<i>Ethmia trifurcella</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S3
A leucania moth	<i>Leucania commoides</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
A leucania moth	<i>Leucania insueta</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S2
A litter moth	<i>Renia sp. 1 nr. discoloralis</i>	Data Deficient-Maintained	SU
A midget moth	<i>Elaphria cornutinis</i>	Data Deficient-Maintained	SU
A noctuid moth	<i>Bagisara gulfare</i>	Data Deficient-Maintained	SU
A noctuid moth	<i>Brachylomia algens</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
A noctuid moth	<i>Eremobina leucoscelis</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S2
A noctuid moth	<i>Hypenodes franclemonti</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S3
A noctuid moth	<i>Lithophane scottae</i>	Data Deficient-New	SU
A noctuid moth	<i>Lithophane tepida</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
A noctuid moth	<i>Melanapamea mixta</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S2
A noctuid moth	<i>Oligia chlorostigma</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
A noctuid moth	<i>Orthosia segregata</i>	Data Deficient-New	SU
A noctuid moth	<i>Psaphida grandis</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
A noctuid moth	<i>Psaphida thaxterianus</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
A noctuid moth	<i>Xylomoia chagnoni</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
A sedge moth	<i>Abrenthia cuprea</i>	Data Deficient-New	SU
A tortricid moth	<i>Ancylis subaequana</i>	Data Deficient-New	SU
A tortricid moth	<i>Archips nigriplagana</i>	Data Deficient-New	SU



A tortricid moth	<i>Eucosma sombreana</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
A tortricid moth	<i>Olethreutes diallacta</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S2
A tortricid moth	<i>Olethreutes osmundana</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
A tortricid moth	<i>Pelochrista vagana</i>	Data Deficient-New	Threats Unknown, no actions identified; S3
A zale moth	<i>Zale metata</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Acesias Buff Gem Moth	<i>Heliothis acesias</i>	Data Deficient-New	S1S2; The threats facing this species are not well understood, so it is Data Deficient.
Airy Apamea Moth	<i>Apamea vultuosa</i>	Data Deficient-New	Threats Unknown, no actions identified; S3
American Swordgrass Moth	<i>Xylena nupera</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S3
An erebid moth	<i>Gabara subnivosella</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S2
An erebid moth	<i>Sigela brauneata</i>	Data Deficient-New	Threats Unknown, no actions identified; S3?
An erebid moth	<i>Zanclognatha dentata</i>	Data Deficient-New	Threats Unknown, no actions identified; G3G4; S3S4
An owlet moth	<i>Zanclognatha theralis</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S2
Ashy Meganola Moth	<i>Meganola spodia</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Aspen Twoleaf Tier Moth	<i>Enargia decolor</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Aureolaria Seed Borer Moth	<i>Pyrrhia aurantiago</i>	Data Deficient-From SGCN	G3G4; SU; The source of the Pennsylvania record of this species is unknown; it is not clear whether this is a native Pennsylvania species.
Autumnal Moth	<i>Epirrita autumnata</i>	Data Deficient-Maintained	Threats Unknown, no actions identified; S1S2
Barred Angle Moth	<i>Macaria subcessaria</i>	Data Deficient-New	Threats Unknown, no actions identified; S3?
Black Arches Moth	<i>Melanchra assimilis</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Black Cohosh Pug Moth	<i>Eupithecia cemicifugata</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S2
Black Fungus Moth	<i>Metalectra tantillus</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Black-banded Orange Moth	<i>Epelis truncataria</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Black-dashed Apamea Moth	<i>Apamea nigrior</i>	Data Deficient-New	Threats Unknown, no actions identified; S3
Black-dashed Hydriomena Moth	<i>Hydriomena divisaria</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3



Black-spotted Schrankia Moth	<i>Hyponopsis calusa</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S3
Blueberry Dart Moth	<i>Coenophila opacifrons</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Blurry-patched Nola Moth	<i>Nola cilicoides</i>	Data Deficient-New	Threats Unknown, no actions identified; S3?
Boston Dart Moth	<i>Euxoa bostoniensis</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Bridgham's Brocade Moth	<i>Oligia bridghamii</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S2
Brighton's Epiblema Moth	<i>Epiblema brightonana</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Broad Ashen Pinion Moth	<i>Lithophane laticinerea</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Broad-lined Sallow Moth	<i>Sympistis infixa</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S2
Broken-Lined Brocade Moth	<i>Mesapamea fractilinea</i>	Data Deficient-New	Threats Unknown, no actions identified; S3S4
Brown-bordered Ermine Moth	<i>Prays atomocella</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S2
Brown-bordered Geometer Moth	<i>Eumacaria madopata</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S2
Buckeye Pinion Moth	<i>Lithophane joannis</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S2
Campion Coronet Moth	<i>Hadena ectypa</i>	Data Deficient-New	Threats Unknown, no actions identified; G3G4; Regional Priority-Yes; S2S3;
Capsule Moth	<i>Hadena capsularis</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S2
Catocaline Dart Moth	<i>Cryptocala acadiensis</i>	Data Deficient-New	Threats Unknown, no actions identified; S3
Chocolate Renia Moth	<i>Renia nemoralis</i>	Data Deficient-New	Threats Unknown, no actions identified; S3?
Clemen's Sphinx Moth	<i>Sphinx luscitiosa</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S2
Common Petrophora Moth	<i>Petrophora divisata</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S3
Conifer Swift Moth	<i>Korscheltellus gracilis</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Connected Dagger Moth	<i>Acrionicta connecta</i>	Data Deficient-New	S3; The threats facing this species are not well understood, so it is Data Deficient.
Connected Looper Moth	<i>Plusia contexta</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Cupid Dart Moth	<i>Abagrotis cupida</i>	Data Deficient-New	SU
Currant Eulithis Moth	<i>Eulithis propulsata</i>	Data Deficient-New	Threats Unknown, no actions identified; SH-Recoverable
Currant Spanworm Moth	<i>Macaria ribearia</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Curve-lined Bird-dropping Moth	<i>Tarache terminimaculata</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3



Curve-lined Owlet Moth	<i>Phyprosopus callitrichoides</i>	Data Deficient-New	Threats Unknown, no actions identified; S3
Dark Gray Lichen Moth	<i>Crambidia lithosioides</i>	Data Deficient-New	SU
Dark Scallop Moth	<i>Cepphis decoloraria</i>	Data Deficient-New	Threats Unknown, no actions identified; S3?
Dashed Gray Pinion Moth	<i>Lithophane disposita</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Day Emerald Moth	<i>Mesothea incertata</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S2
Dimorphic Pinion Moth	<i>Lithophane patefacta</i>	Data Deficient-New	Threats Unknown, no actions identified; S3
Double Dart Moth	<i>Graphiphora augur</i>	Data Deficient-New	S2S3; The threats facing this species are not well understood, so it is Data Deficient.
Double-banded Carpet Moth	<i>Spargania magnoliata</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Drab Itame Moth	<i>Macaria evagaria</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S2
Dubious Tiger Moth	<i>Spilosoma dubia</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S2
Dusky Apamea Moth	<i>Apamea plutonia</i>	Data Deficient-New	Threats Unknown, no actions identified; S3
Dusky Mid-summer Nemytia Moth	<i>Nemytia sp. 1</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Erigeron Flower Moth	<i>Schinia obscurata</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Exiled Dagger Moth	<i>Acronicta exilis</i>	Data Deficient-New	S2S3; The threats facing this species are not well understood, so it is Data Deficient.
Exposed Bird-dropping Moth	<i>Tarache aprica</i>	Data Deficient-New	Threats Unknown, no actions identified; S3S4
Finned-willow Prominent Moth	<i>Notodonta scitipennis</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S2
Fir Tussock Moth	<i>Orgyia detrita</i>	Data Deficient-New	G3G4; SH-Recoverable; Insufficient information about habitats and threats
Four-lined Wave Moth	<i>Scopula quadrilineata</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S2
Four-spotted Angle Moth	<i>Trigrammia quadrinotaria</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S2
Four-spotted Itame Moth	<i>Macaria coortaria</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S2
Franclemont's Sallow Moth	<i>Eupsilia cirripalea</i>	Data Deficient-New	SU
Frigid Owlet Moth	<i>Nycteola frigidana</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S2
Frosted Dagger Moth	<i>Acronicta hastulifera</i>	Data Deficient-New	S3?; The threats facing this species are not well understood, so it is Data Deficient.
Frosted Tan Wave Moth	<i>Scopula cacuminaria</i>	Data Deficient-New	Threats Unknown, no actions identified; S3?



German Cousin Moth	<i>Sideridis congermana</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Glassy Cutworm Moth	<i>Apamea devastator</i>	Data Deficient-New	SU
Gold-lined Melanomma Moth	<i>Melanomma auricinctaria</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Golden Borer Moth	<i>Papaipema cerina</i>	Data Deficient-From SGCN	G3; SU; The source of the Pennsylvania record of this species is unknown; it is not clear whether this is a native Pennsylvania species.
Gracile Palpita Moth	<i>Palpita atrisquamalis</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S2
Grape Root Borer Moth	<i>Vitacea polistiformis</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S4
Gray Looper Moth	<i>Rachiplusia ou</i>	Data Deficient-New	SU
Gray Swordgrass Moth	<i>Xylena cineritia</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S2
Great Brocade Moth	<i>Eurois occulta</i>	Data Deficient-New	SU
Great Lakes Buckmoth	<i>Hemileuca nevadensis</i> ssp. 3	Data Deficient-Maintained	SU
Grote's Satyr Moth	<i>Ufeus satyricus</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S3
Hanham's Owlet Moth	<i>Phalaenostola hanhami</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Heitzman's Dagger Moth	<i>Acronicta heitzmani</i>	Data Deficient-New	S3?; The threats facing this species are not well understood, so it is Data Deficient.
Herbivorous Pleuroptya Moth	<i>Patania silicalis</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S2
Hydrangea Sphinx Moth	<i>Darapsa versicolor</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S2
Intermediate Cucullia Moth	<i>Cucullia intermedia</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Large Bomolocha Moth	<i>Hypena edictalis</i>	Data Deficient-New	Threats Unknown, no actions identified; S3S4
Large Necklace Moth	<i>Hypsoropha monilis</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S2
Large Ruby Tiger Moth	<i>Phragmatobia assimilians</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Laurentine Idia Moth	<i>Idia laurentii</i>	Data Deficient-New	Threats Unknown, no actions identified; S3S4
Lesser Viburnum Clearwing Moth	<i>Synanthedon fatifera</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S3
Linden Looper Moth	<i>Erannis tiliaria</i>	Data Deficient-New	Threats Unknown, no actions identified; S2



Little Carpenterworm Moth	<i>Prionoxystus macmurtrei</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Lupine Leafroller Moth	<i>Anacampsis lupinella</i>	Data Deficient-New	SU
Lynx Flower Moth	<i>Schinia lynx</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Many-lined Angle	<i>Macaria multilineata</i>	Data Deficient-New	Threats Unknown, no actions identified; S3
Marbled Carpet Moth	<i>Dysstroma truncata</i>	Data Deficient-New	SU
Meadow Rue Borer Moth	<i>Papaipema unimoda</i>	Data Deficient-New	Threats Unknown, no actions identified; S3
Milne's Looper Moth	<i>Euchlaena milnei</i>	Data Deficient-New	Threats Unknown, no actions identified; G2G4; Regional Priority-Yes; S1S2;
Miranda Underwing Moth	<i>Catocala miranda</i>	Data Deficient-From SGCN	G3?; SU; It is not clear whether the Pennsylvania records of this species represent resident populations or vagrants.
Morrison's Sooty Dart Moth	<i>Pseudohermonassa tenuicula</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S2
Mousy Itame Moth	<i>Macaria argillacearia</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Newman's Brocade Moth	<i>Meropleon ambifusca</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Nondescript Dagger Moth	<i>Acronicta spinigera</i>	Data Deficient-New	S3?; The threats facing this species are not well understood, so it is Data Deficient.
Northern Coastal Metarranthis Moth	<i>Metarranthis sp. 2</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S2
Northern Cordgrass Borer Moth	<i>Photedes panatela</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S3
Northern Flower Moth	<i>Schinia septentrionalis</i>	Data Deficient-New	Threats Unknown, no actions identified; G3G4; S1S2
Northern Pale Alder Moth	<i>Tacparia atropunctata</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Northern Selenia Moth	<i>Selenia alciphearia</i>	Data Deficient-New	Threats Unknown, no actions identified; S3
Obelisk Dart Moth	<i>Euxoa obeliscoides</i>	Data Deficient-New	S1S2; The threats facing this species are not well understood, so it is Data Deficient.
Olive Arches Moth	<i>Lacinipolia olivacea</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
One-banded Pyrausta Moth	<i>Pyrausta unifascialis</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S2
Opalescent Apamea Moth	<i>Apamea lutosa</i>	Data Deficient-New	SU
Osmunda Borer Moth	<i>Papaipema speciosissima</i>	Data Deficient-New	Threats Unknown, no actions identified; G3G4; S3



Pale Pinion Moth	<i>Lithophane lepida adipel</i>	Data Deficient-New	Threats Unknown, no actions identified; Regional Priority-Yes; S1S2;
Pale-winged Idia Moth	<i>Idia concisa</i>	Data Deficient-New	Threats Unknown, no actions identified; S3
Pickerweed Borer Moth	<i>Bellura densa</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Pine Powder Moth	<i>Eufidonia convergaria</i>	Data Deficient-New	SU
Pink-Bordered Yellow Moth	<i>Phytometra rhodarialis</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Plush-naped Pinion Moth	<i>Lithophane pexata</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S2
Polished Dart Moth	<i>Euxoa perpolita</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S2
Purple Arches Moth	<i>Polia purpurissata</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Putnam's Looper Moth	<i>Plusia putnami</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S2
Pygmy Paectes Moth	<i>Paectes pygmaea</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Pygmy Redectis Moth	<i>Redectis pygmaea</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Reaper Dart Moth	<i>Euxoa messoria</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Red-spotted Lithacodia Moth	<i>Maliattha concinnimacula</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Refracted Metarranthis Moth	<i>Metarranthis refractaria</i>	Data Deficient-New	Threats Unknown, no actions identified; S3S4
Reniform Celaena Moth	<i>Helotropha reniformis</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Renounced Hydriomena Moth	<i>Hydriomena renunciata</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Rhododendron Borer Moth	<i>Synanthedon rhododendri</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Richards' Fungus Moth	<i>Metalectra richardsi</i>	Data Deficient-New	Threats Unknown, no actions identified; S3?
Rigid Sunflower Borer Moth	<i>Papaipema rigida</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Ring's Cochylid Moth	<i>Aethes ringsi</i>	Data Deficient-New	SU
Rippled Wave Moth	<i>Idaea obfusaria</i>	Data Deficient-New	Threats Unknown, no actions identified; S3S4
Rusty Tussock Moth	<i>Orgyia antiqua</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S2
Salt Marsh Wainscot Moth	<i>Leucania linita</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Sandplain Heterocampa Moth	<i>Heterocampa varia</i>	Data Deficient-New	Threats Unknown, no actions identified; G3G4; Regional Priority-Yes; S1S2;



Scholastic Dart Moth	<i>Euxoa scholastica</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Sharp blotched Nola Moth	<i>Nola pustulata</i>	Data Deficient-New	Threats Unknown, no actions identified; S3
Sharp Green Hydriomena Moth	<i>Hydriomena pluviala</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Sharp-lined Powder Moth	<i>Eufidonia discospilata</i>	Data Deficient-New	Threats Unknown, no actions identified; S3
Shattered Hydriomena Moth	<i>Hydriomena perfracta</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Short-lined Chocolate Moth	<i>Argyrostroma anilis</i>	Data Deficient-New	Threats Unknown, no actions identified; S3
Sigmoid Dart Moth	<i>Eueretrotis sigmoides</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Silver-spotted Ghost Moth	<i>Sthenopsis argenteomaculatus</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S2
Silvered Haimbachia Moth	<i>Haimbachia albescens</i>	Data Deficient-New	SU
Simple Prominent Moth	<i>Notodonta torva</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Simple Wave Moth	<i>Scopula junctaria</i>	Data Deficient-New	Threats Unknown, no actions identified; S3
Six-spotted Angle Moth	<i>Macaria sexmaculata</i>	Data Deficient-New	Threats Unknown, no actions identified; S3
Small Mocis Moth	<i>Mocis latipes</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S2
Small Necklace Moth	<i>Hypsoropha hormos</i>	Data Deficient-New	Threats Unknown, no actions identified; S3
Small Pine Looper Moth	<i>Eupithecia palpata</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Smoked Sallow Moth	<i>Enargia infumata</i>	Data Deficient-New	Threats Unknown, no actions identified; S2?
Snaky Arches Moth	<i>Lacinipolia anguina</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Sordid Bomolocha Moth	<i>Hypena sordidula</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Spear-marked Black Moth	<i>Rheumaptera hastata</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Speckled Snout Moth	<i>Hypena atomaria</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Speyer's Cucullia Moth	<i>Cucullia speyeri</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Spiraea Leaf-tier Moth	<i>Evora hemidesma</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Spotted Tussock Moth	<i>Lophocampa maculata</i>	Data Deficient-New	Threats Unknown, no actions identified; S3
Spruce Cone Looper Moth	<i>Eupithecia mutata</i>	Data Deficient-New	Threats Unknown, no actions identified; S3
Square-patched Carpet Moth	<i>Martania basaliata</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S2
Stinging Rose Caterpillar Moth	<i>Parasa indetermina</i>	Data Deficient-New	Threats Unknown, no actions identified; S3
Straight-lined Looper Moth	<i>Pseudeva purpurigera</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3



Tawny Eupithecia Moth	<i>Eupithecia ravocostaliata</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S2
The Chevron Moth	<i>Eulithis testata</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S2
Three-patched Bigwing Moth	<i>Heterophleps refusaria</i>	Data Deficient-New	Threats Unknown, no actions identified; S3S4
Tissue Moth	<i>Triphosa haesitata</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S2
Toothed Idia Moth	<i>Idia denticulalis</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Toothed Somberwing Moth	<i>Euclidia cuspidea</i>	Data Deficient-New	Threats Unknown, no actions identified; S3
Tufted Sedge Moth	<i>Hypocoena inquinata</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Umbellifer Borer Moth	<i>Papaipema birdi</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Umber Moth	<i>Hypomecis umbrosaria</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Uniform Lichen Moth	<i>Crambidia uniformis</i>	Data Deficient-New	SU
Viburnum Clearwing Moth	<i>Synanthedon viburni</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S2
Voluble Dart Moth	<i>Agrotis volubilis</i>	Data Deficient-New	SU
Wainscot Grass-veneer Moth	<i>Eoreuma densella</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Walsingham's Grass Tubeworm Moth	<i>Acrolophus propinquus</i>	Data Deficient-New	S3?; The threats facing this species are not well understood, so it is Data Deficient.
Waterlily Owlet Moth	<i>Homophoberia cristata</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
White Edge Moth	<i>Oruza albocostaliata</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
White-eyed Borer Moth	<i>Iodopepla u-album</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S2
Wild Cherry Sphinx Moth	<i>Sphinx drupiferarum</i>	Data Deficient-New	Threats Unknown, no actions identified; G3G5; S2S3
Yellow Flannel Moth	<i>Megalopyge pyxidifera</i>	Data Deficient-New	Threats Unknown, no actions identified; S1S2
Yellow Water Lily Borer Moth	<i>Bellura gortynoides</i>	Data Deficient-New	Threats Unknown, no actions identified; S3
Yellow-spotted Graylet Moth	<i>Hyperstrotia flaviguttata</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Yellow-veined Geometer Moth	<i>Orthofidonia flavivenata</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Yellow-vested Moth	<i>Rectiostoma xanthobasis</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Zebra Caterpillar Moth	<i>Melanchra picta</i>	Data Deficient-New	Threats Unknown, no actions identified; S3



<i>Dragonflies and Damselflies</i>			
Cherry-faced Meadowhawk	<i>Sympetrum internum</i>	Data Deficient-From SGCN	SU; Taxonomic uncertainty about this species, and whether or not it should be lumped with <i>S. janae</i> , results in this species being Data Deficient.
<i>Grasshoppers, Katydid, and Crickets</i>			
Black-sided Meadow Katydid	<i>Conocephalus nigropleurum</i>	Data Deficient-New	S3S4; There is uncertainty about the threats this species is facing, and the actions needed to address those threats, so it is designated Data Deficient.
Boll's Grasshopper	<i>Spharagemon bolli</i>	Data Deficient-New	SH-Recoverable; There is uncertainty about the threats this species is facing, and the actions needed to address those threats, so it is designated Data Deficient.
Bunch Grass Locust	<i>Pseudopomala brachyptera</i>	Data Deficient-New	SH-Recoverable; There is uncertainty about the threats this species is facing, and the actions needed to address those threats, so it is designated Data Deficient.
Clear-winged Grasshopper	<i>Camnula pellucida</i>	Data Deficient-New	SU
Common Meadow Katydid	<i>Orchelimum vulgare</i>	Data Deficient-New	Threats Unknown, no actions identified; S2S3
Coral-winged Grasshopper	<i>Pardalophora apiculata</i>	Data Deficient-New	SH-Recoverable; There is uncertainty about the threats this species is facing, and the actions needed to address those threats, so it is designated Data Deficient.
Cuban Ground Cricket	<i>Neonemobius cubensis</i>	Data Deficient-New	SU
Dawson's Spur-throat Grasshopper	<i>Melanoplus dawsoni</i>	Data Deficient-New	SH-Recoverable; There is uncertainty about the threats this species is facing, and the actions needed to address those threats, so it is designated Data Deficient.
Dusky Grasshopper	<i>Encoptolophus sordidus</i>	Data Deficient-New	SU
Eastern Shieldback	<i>Atlantiscus americanus</i>	Data Deficient-New	S2S4



Fast-tinkling Trig	<i>Anaxipha tinnulacita</i>	Data Deficient-New	SU
Green-striped Grasshopper	<i>Hesperotettix viridis</i>	Data Deficient-New	SH-Recoverable; There is uncertainty about the threats this species is facing, and the actions needed to address those threats, so it is designated Data Deficient.
Hebard's Green-legged Locust	<i>Melanoplus eurycercus</i>	Data Deficient-New	SH-Recoverable; There is uncertainty about the threats this species is facing, and the actions needed to address those threats, so it is designated Data Deficient.
Larger Pygmy Mole Grasshopper	<i>Neotridactylus apicalis</i>	Data Deficient-New	S2S4
Northern Spur-throat Grasshopper	<i>Melanoplus borealis</i>	Data Deficient-New	SH-Recoverable; There is uncertainty about the threats this species is facing, and the actions needed to address those threats, so it is designated Data Deficient.
Obovate-winged Grasshopper	<i>Melanoplus decoratus</i>	Data Deficient-New	GU; SH-Recoverable; There is uncertainty about the threats this species is facing, and the actions needed to address those threats, so it is designated Data Deficient.
Olive-green Swamp Grasshopper	<i>Paroxya clavuliger</i>	Data Deficient-New	SH-Recoverable; There is uncertainty about the threats this species is facing, and the actions needed to address those threats, so it is designated Data Deficient.
Pasture Locust	<i>Orphulella speciosa</i>	Data Deficient-New	SU
Pasture Spur-throat Grasshopper	<i>Melanoplus confusus</i>	Data Deficient-New	SH-Recoverable; There is uncertainty about the threats this species is facing, and the actions needed to address those threats, so it is designated Data Deficient.
Post-oak Grasshopper	<i>Dendrotettix quercus</i>	Data Deficient-New	SH-Recoverable; There is uncertainty about the threats this species is facing, and the actions needed to address those threats, so it is designated Data Deficient.



Slightly Musical Conehead Katydid	<i>Neoconocephalus exiliscanorus</i>	Data Deficient-New	S3S4; There is uncertainty about the threats this species is facing, and the actions needed to address those threats, so it is designated Data Deficient.
Slow-tinkling Trig	<i>Anaxypha tinnulenta</i>	Data Deficient-New	SU
Smaller Sand Cricket	<i>Ellipes minuta</i>	Data Deficient-New	S3S4; There is uncertainty about the threats this species is facing, and the actions needed to address those threats, so it is designated Data Deficient.
Spotted-winged Grasshopper	<i>Orphulella pelidna</i>	Data Deficient-New	SH-Recoverable; There is uncertainty about the threats this species is facing, and the actions needed to address those threats, so it is designated Data Deficient.
Striped Sedge Grasshopper	<i>Stethophyma lineatum</i>	Data Deficient-New	SH-Recoverable; There is uncertainty about the threats this species is facing, and the actions needed to address those threats, so it is designated Data Deficient.
Texas Bush Katydid	<i>Scudderia texensis</i>	Data Deficient-New	SU
Thomas's Trig	<i>Anaxipha thomasi</i>	Data Deficient-New	SU
Tribulus Spur-throat Grasshopper	<i>Melanoplus tribulus</i>	Data Deficient-New	SH-Recoverable; There is uncertainty about the threats this species is facing, and the actions needed to address those threats, so it is designated Data Deficient.
Variegated Wingless Locust	<i>Booneacris variegata</i>	Data Deficient-New	SU
Velvet-striped Grasshopper	<i>Eritettix simplex</i>	Data Deficient-New	S1; There is uncertainty about the threats this species is facing, and the actions needed to address those threats, so it is designated Data Deficient.
Yellow-winged Grasshopper	<i>Arphia xanthoptera</i>	Data Deficient-New	SH-Recoverable; There is uncertainty about the threats this species is facing, and the actions needed to address those threats, so it is designated Data Deficient.



<i>Other Insects</i>			
Jim Thorpe Brood 5 Pharaoh Cicada	<i>Magicicada septendecim</i>	Data Deficient-New	SU
Uhler's treehopper	<i>Thelia uhleri</i>	Data Deficient-New	S1S3; Actions to restore the American Plum in PA have not been identified, so this treehopper remains Data Deficient.



Acronyms

Acronym	Description
G	Global conservation status (NatureServe); 1-critically imperiled, 2-imperiled, 3-vulnerable, 4- apparently secure, 5-secure
H	High
IUCN	International Union for the Conservation of Nature
RSGCN	(Northeast U.S.) Regional Species of Greatest Conservation Need (see Terwilliger Consulting and NEFWDTC 2013)
S	State conservation status (NatureServe); 1-critically imperiled, 2-imperiled, 3-vulnerable, 4- apparently secure, 5-secure. “?” denotes rank uncertainty. Visit https://www.natureserve.org/nsexplorer/about-the-data/statuses/conservation-status-categories for a full description of each rank.
SH	State historic
SU	Unrankable
SX	State extirpated
SNR	Unranked
VH	Very High
VU	Vulnerable