

Species List for the Virginia Atlas of Lepidoptera and Odonata

DCR-DNH designates the rangewide rarity of a species within both its entire known range (global rank) and within only its Virginia range (state rank). For both categories: 1 = critically imperiled, 2 = imperiled, 3 = vulnerable, 4 = common, and 5 = very common. An 'H' indicates that it is known historically in the specified range and lacks recent records. In general, species with ranks of 1 – 3 are either tracked by DCR-DNH or on the watchlist. The DGIF Wildlife Action Plan identifies species of conservation concern, ranked into four tiers: critical (I), very high (II), high (III), and moderate (IV). FE = Federally endangered, SE = State endangered, ST = State threatened.

Scientific Name Common Name Global Rank State Rank VDGIF Tier Federal/State Legal status

Butterflies

<i>Anaea andria</i>	Goatweed leafwing	G5	S1	-	
<i>Boloria selene</i>	Silverbordered fritillary	G5	S2	-	
<i>Calephelis borealis</i>	Northern metalmark	G3G4	S2S3	IV	
<i>Calephelis virginiensis</i>	Little metalmark	G4	S1	III	
<i>Callophrys hesseli</i>	Hessel's hairstreak	G3G4	S1	III	
<i>Callophrys irus</i>	Frosted elfin	G3	S2?	IV	
<i>Callophrys polios</i>	Hoary elfin	G5	S1S3	IV	
<i>Chlosyne harrisii</i>	Harris's checkerspot	G4	S1	-	
<i>Colias interior</i>	Pink-edged sulphur	G5	S1S2	IV	
<i>Erora laeta</i>	Early hairstreak	G3G4	S2	IV	
<i>Euchloe olympia</i>	Olympia marble	G4G5	S2	-	
<i>Lycaena hyllus</i>	Bronze copper	G5	S1	IV	
<i>Neonympha helicta</i>	Helicta satyr	G3G4	S2	IV	
<i>Neonympha helicta</i> = <i>Neonympha areolatus septentrionalis</i>	Helicta satyr	G3G4	S2	IV	
<i>Neonympha mitchellii</i>	Mitchell's satyr	G1G2	S1	I	FE/SE
<i>Phyciodes batesii batesii</i>	Tawny crescent	G4T1	SH	II	
<i>Phyciodes cocyta</i>	Northern crescent	G5	S1S3	-	
<i>Polygonia faunus smythi</i>	Smyth's green comma	G5T3T4	S1S3	-	
<i>Satyrrium kingi</i>	King's hairstreak	G3G4	S2	IV	
<i>Speyeria atlantis</i>	Atlantis fritillary	G5	S2	-	
<i>Speyeria idalia</i>	Regal fritillary	G3	S1	I	
<i>Speyeria diana</i>	Diana fritillary	G3G4	S3		

(watchlist) IV

Skippers

<i>Amblyscirtes alternata</i>	Dusky roadside skipper	G2G4	S1	III	
<i>Atrytone arogos arogos</i>	Arogos skipper	G3T1T2	S	I	
<i>Erynnis lucilius</i>	Columbine duskywing	G4	S1S3	-	
<i>Erynnis martialis</i>	Mottled duskywing	G3G4	S1S3	III	
<i>Erynnis persius persius</i>	Persius duskywing	G5T1T3	S1	II	
<i>Euphyes bimacula</i>	Twospotted skipper	G4	S2	IV	

Euphyes conspicua Black dash G4 S1S3 IV
Euphyes dukesi Dukes' skipper G3 S2 III
Euphyes pilatka Palatka skipper (= sawgrass skipper) G3G4 SH III
Hesperia attalus slossonae Seminole skipper (= dotted skipper) G2G4T2T3 SH
 II
Megathymus yuccae Yucca giant skipper G5 SH IV
Polites mystic Long dash G5 S2 IV
Problema bulenta Rare skipper G2G3 S1S2 II
Pyrgus centaureae wyandot Appalachian grizzled skipper G5T1T2 S1 I ST

Moths

Acherdoa ferraria Chocolate moth G5 S2 -
*Acrapex relict*a Cane-boring moth G4 S2S3 -
Acronicta albarufa Barrens dagger moth G3G4 S1S3 IV
Acronicta brumosa A dagger moth G4? S1 -
Acronicta dolli = *Merolonche dolli* Doll's dagger moth G3G4 S1S3 III
Amolita roseola Roseate grass moth G5 S1S3 -
Anaplectoides brunneomedia Brown-lined dart moth G4 S2 -
Apamea smythi Smyth's Apamea moth GH SH II
Aplectoides condita A noctuid moth G4 S1S3 -
Argillophora furcilla A cane moth G3G4 S1S3 IV
Argyrostromis deleta A noctuid moth G4G5 S1S3 -
Argyrostromis sylvorum A noctuid moth G4 S1S3 -
Brachionycha borealis Boreal fan moth G4 S1S3 -
Callosamia securifera Sweetbay silkmoth G4 S1S2 -
Catocala consors Consort underwing G4 SH IV
Catocala dulciola Sweet underwing G3 S1S3 III
Catocala herodias gerhardi Pine barrens underwing G3T3 S2S3 III
Catocala marmorata Marbled underwing G3G4 S2 IV
Catocala messalina Messalina underwing G4 SH -
Catocala pretiosa pretiosa Precious underwing G4T2 SH II
*Catocala relict*a White underwing G5 S2 -
Catocala ulalume Ulalume underwing G4 S1S3 -
Cerma cora Owl-eyed Bird Dropping Moth G3G4 S1S3 -
Crambidia cephalica Yellow-headed lichen moth G5 S1S2 -
Cyenia inopinatus Unexpected Cyenia moth G4 S1S3 -
Cymatophora approximaria A geometrid moth G4G5 S1S3 -
Dichagyris grotei A noctuid moth G4 S1S3 -
Drasteria graphica Graphic moth G4 S2S3 -
Emarginea percara A noctuid moth G4 S2 -
Erastria coloraria Broad-lined Erastria moth G3G4 S2? -
Euchlaena milnei Milne's Euchlaena moth G2G4 S2 IV
Eulithis propulsata A geometrid moth G? S1S3 -
Euxoa fumalis A dart moth G? S1S3 -
Euxoa immixta Mixed dart moth G4 S1S3 IV
Faronta rubripennis Pink-streak moth G3G4 S1S3 IV

Franclemontia interrogans A cane moth G3G4 S1S3 IV
Hadena ectypa A noctuid moth G3G4 S2 IV
Heliomata infulata Rare spring moth G2G4 S2S4

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Heterocampa astarte A prominent moth G4G5 S1S2 -
Hyppa contrasta A noctuid moth G4 S1S3 -
Idaea taturata A geometrid moth G4 S1S2 -
Leucania calidior A cane moth G2G4 S2 -
Lithophane adipel A pinion moth G4 S1S3 -
Lithophane lemmeri Lemmer's pinion moth G3G4 S1S3 IV
Lyctosis permagnaria A geometrid moth G3G4 S2 IV
Meropleon cosmion A noctuid moth G4 S1S3 -
Meropleon titan A noctuid moth G2G4 S1S3 IV
Metria amella A noctuid moth G5 S1S2 -
Nemoria elfa Elfin emerald G? S1S3 -
Nemoria tuscarora Tuscarora emerald GU S1S3 IV
Odontosia elegans Elegant prominent G5 S1S3 -
Oxycilla mitographa A noctuid moth G4 SH IV
Paectes abrostolella A noctuid moth G4 S1S2 -
Papaipema araliae Aralia shoot borer moth G3G4 S2S3 -
Papaipema astuta Yellow stoneroot borer moth G2G3 S1S3 IV
Papaipema duovata Seaside goldenrod borer moth G4 S2S3 -
Papaipema duplicatus Dark stoneroot borer moth G2G4 S2 IV
Papaipema necopina Sunflower borer moth G4? S1S3 -
Papaipema speciosissima Osmunda borer moth G4 S1S3 -
Papaipema stenocelis Chain fern borer moth G4 S1S3 -
Properigea costa A noctuid moth G4 S2 -
Psectrotarsia hebardii= *Erythroecia hebardii* Hebard's noctuid moth GU SH III

Ptichodis bistrigata Southern Ptichodis moth G3 S1S3 IV
Pygarctia abdominalis Yellow-edged *Pygarctia* moth G3 S1S2 IV
Pyrrhia aurantiago *Aureolaria* seed borer moth G4 S1S3 -
Schinia siren A flower moth G? S1S2 -
Schizura apicalis Plain Schizura moth G3G4 S1S3 -
Semiothisa distribuaria A geometrid moth G4 S1S2 -
Speranza exonerata Barrens *Speranza* moth G3G4 S1S3 -
Speranza ribearia = *Itame ribearia* Currant spanworm moth G4 S2S3 -
Sphinx franckii Franck's sphinx G4 S2S3 -
Sympistis perscripta Scribbled sawfly moth G4 S1S3 -
Synanthedon castaneae Chestnut clearwing moth G3G5 SH IV
Syngrapha rectangula Salt-and-pepper looper moth G5 S2 -
Tischeria perplexa Chestnut leafmining moth GHQ SH III
Tricholita notata Marked *Tricholita* moth G5 SH -
Xanthorhoe iduata A geometrid moth G4 S1S3 -

Zale curema A noctuid moth G3G4 S1S3 IV

Zale lunifera Pine barrens Zale moth G3G4 S2 -

Damselflies

Calopteryx aequabilis River jewelwing G5 S2? IV

Calopteryx amata Superb jewelwing G4 S1 IV

Calopteryx angustipennis Appalachian jewelwing G4 S2 III

Enallagma annexum= Enallagma cyathigerum Northern bluet G5 S1 IV

Enallagma dubium Burgundy bluet G5 S3

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Enallagma ebrium Marsh bluet G5 S1 IV

Enallagma hageni Hagen's bluet G5 S3

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Enallagma pallidum Pale bluet G4 S1 IV

Enallagma weewa Blackwater bluet G5 S2 IV

Lestes disjunctus Northern spreadwing G5 S2 IV

Lestes dryas Emerald spreadwing G5 SH IV

Lestes vidua Carolina spreadwing G5 SH IV

Nehalennia gracilis Sphagnum sprite G5 S2 IV

Nehalennia integricollis Southern sprite G5 S3

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Nehalennia irene Sedge sprite G5 S1 IV

Dragonflies

Aeshna canadensis Canada darner G5 S1 IV

Aeshna constricta Lancetipped darner G5 S1 IV

Aeshna tuberculifera Blacktipped darner G4 S2S3 IV

Aeshna verticalis Greenstriped darner G5 S1 IV

Aphylla williamsoni Twostriped forceptail G5 S2 IV

Arigomphus furcifer Lilypad clubtail G5 SH IV

Celithemis martha Martha's pennant G4 S2 IV

Celithemis ornata Faded pennant G5 SH IV

Cordulegaster diastatops Deltaspotted spiketail G5 S1 IV

Cordulia shurtleffii American emerald G5 S3

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Coryphaeschna ingens Regal darner G5 S1 IV

Epitheca canis Beaverpond baskettail G5 S1 IV

Epitheca costalis Stripewinged baskettail G5 S2S4 (watchlist) IV

Epitheca semiaquea Mantled baskettail G5 S1 IV

Epitheca spinosa Robust baskettail G4 S2S3 IV

Gomphus abbreviatus Spinecrowned clubtail G3G4 S3

(watchlist) III

Gomphus adelphus Moustached clubtail G4 S1 IV
Gomphus apomyius Banner clubtail G3G4 SH IV
Gomphus borealis Beaverpond clubtail G4 SH IV
Gomphus consanguis Cherokee clubtail G3 S2 II
Gomphus descriptus Harpoon clubtail G4 S1 IV
Gomphus fraternus Midland clubtail G5 S2 IV
Gomphus parvidens Piedmont clubtail G4 S1 IV
Gomphus quadricolor Rapids clubtail G3G4 S2S3 III
Gomphus rogersi Sable clubtail G4 S3

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Gomphus septima Septima's clubtail G2 S1 II
Gomphus ventricosus Skillet clubtail G3 S1 II
Gomphus viridifrons Greenfaced clubtail G3G4 S2 II
Helocordulia selysii Selys' sundragon G4 S2S3 IV
Ladona exusta White corporal skimmer G4 SH IV
Ladona julia Chalkfronted corporal skimmer G5 S1S2 IV
Lanthus parvulus Northern pygmy clubtail G4 S2 IV
Leucorrhinia frigida Frosted whiteface G5 SH IV
Leucorrhinia hudsonica Hudsonian whiteface G5 S1 IV
Leucorrhinia intacta Dottailed whiteface G5 S3

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Leucorrhinia proxima Red-waisted whiteface G5 SH IV
Macrodiplax balteata Marl pennant G5 S1 -
Macromia alleghaniensis Allegheny river cruiser G4 S2 IV
Macromia margarita Mountain river cruiser G3 S1 II
Nannothemis bella Elfin skimmer G4 S1 IV
Neurocordulia virginienensis Cinnamon shadowdragon G4 S2 IV
Neurocordulia yamaskanensis Stygian shadowdragon G5 S2 IV
Ophiogomphus aspersus Brook snaketail G4 S2 III
Ophiogomphus carolus Riffle snaketail G5 S1 IV
Ophiogomphus howei Pygmy snaketail G3 S1S2 II
Ophiogomphus incurvatus alleghaniensis = *Ophiogomphus alleghaniensis* Allegheny
snaketail G2G3T2T3 S1 III
Ophiogomphus incurvatus incurvatus Appalachian snaketail G2G3T2T3 S2 II

Ophiogomphus mainensis Maine snaketail G4 S1 IV
Ophiogomphus sp. 1 Chesapeake snaketail G1 S1 -
Rhionaeschna mutata = *Aeshna mutata* Spatterdock darner G4 S2 III
Somatochlora elongata Ski-tipped emerald G5 S1S2 IV
Somatochlora filosa Finelined emerald G5 S2 IV
Somatochlora georgiana Coppery emerald G3G4 SH III
Somatochlora provocans Treetop emerald G4 S2 IV

Somatochlora williamsoni Williamson's emerald G5 SH IV
Stylogomphus sigmastylus Interior least clubtail G5 S1 -
Stylurus amnicola Riverine clubtail G4 S1 IV
Stylurus laurae Laura's clubtail G4 S2 IV
Stylurus notatus Elusive clubtail G3 S1 II
Stylurus scudderi Zebra clubtail G4 S1S2 IV
Sympetrum corruptum Variegated meadowhawk G5 S1 IV
Sympetrum janeae Jane's meadowhawk G5 S1 IV
Sympetrum obtrusum Whitefaced meadowhawk G5 S2 IV
Tachopteryx thoreyi Gray petaltail G4 S4* IV

* = Not tracked as a rare or watchlist species by DCR-DNH.