



Element-Level Changes<sup>1</sup> over the Time Period 2009-01-01 - 2009-12-31 Page 1 of 5

(changes are shown for tracked elements only)

Element name	Change type	Initial value	Final value
<b>Plants and Lichens</b>			
<i>Aeschynomene pratensis</i>	G rank	G1	G4
<i>Agalinis georgiana</i>	G rank	G1	G1Q
<i>Aster georgianus</i>	S rank	SU	SH
	Tracking status	Not tracked	Full tracking
<i>Brickellia mosieri</i>	G rank	G1	G5
<i>Calydorea coelestina</i>	G rank	G2	G2G3
	S rank	S2	S2S3
<i>Cuphea aspera</i>	G rank	G1	G2
	S rank	S1	S2
<i>Indigofera mucronata var. keyensis</i>	Federal status	C	no status
<i>Lindera subcoriacea</i>	G rank	G2	G2G3
<i>Marshallia ramosa</i>	G rank	G2	G2G3
<i>Schizachyrium niveum</i>	G rank	G1	G1G2
	S rank	S1	S1S2
<i>Schwalbea americana</i>	G rank	G2	G2G3
<i>Symphotrichum pratense</i>	Tracking status	Not tracked	Full tracking
<i>Trichomanes punctatum ssp. floridanum</i>	Federal status	no status	C
<i>Xyris longisepala</i>	G rank	G2	G2G3
	S rank	S2	S2S3
<b>Bivalves (Clams and Mussels)</b>			
<i>Anodonta hartfieldorum</i>	Tracking status	Not tracked	Full tracking
<i>Anodonta suborbiculata</i>	S rank	S1S2	SNA
<i>Elliptio buckleyi</i>	Tracking status	Full tracking	Not tracked
<i>Fusconaia burkei</i>	Scientific name	<i>Quincuncina burkei</i>	<i>Fusconaia burkei</i>
<i>Utterbackia peninsularis</i>	S rank	S2	S2S3
<b>Gastropods (Snails and Allies)</b>			
<i>Bothriopupa variolosa</i>	G rank	G1	G1G2
<i>Dryachloa dauca</i>	S rank	S2	S1?
<i>Drymaeus multilineatus latizonatus</i>	S rank	SU	S1
<i>Elimia albanyensis</i>	G rank	G3	G3Q
<i>Elimia clenchi</i>	G rank	G3	G3Q
<i>Sterkia eryiesii</i>	G rank	G1	G3G5
	S rank	S1	S1S2
	Scientific name	<i>Sterkia eryiesii</i>	<i>Sterkia eryiesii</i>
<i>Vertigo hebardii</i>	S rank	SNR	S1
<b>Spiders</b>			
<i>Arctosa sanctaerosae</i>	Tracking status	Not tracked	Full tracking
<i>Chinattus parvulus</i>	G rank	GNR	G5
	Scientific name	<i>Habrocestum parvulum</i>	<i>Chinattus parvulus</i>
<i>Geolycosa escambiensis</i>	Tracking status	Not tracked	Full tracking
<i>Myrmekiaphila torreyi</i>	Tracking status	Not tracked	Full tracking

<sup>1</sup> changes in global and state rank values, protection status (federal and state), scientific name, and tracking status

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Element name	Change type	Initial value	Final value
<i>Sphodros abboti</i>	G rank	GNR	G4G5
<i>Ummidia sp. 1</i>	Tracking status	Full tracking	Not tracked
<b>Isopods</b>			
<i>Caecidotea sp. 7</i>	Scientific name	<i>Caecidotea sp. 1</i>	<i>Caecidotea sp. 7</i>
<b>Decapods (Crabs, Crayfishes, Shrimp)</b>			
<i>Cambarellus schmitti</i>	Tracking status	Watch list	Full tracking
<i>Cambarus millus</i>	G rank	G1G2	G3
	S rank	S1	S2
<i>Fallicambarus byersi</i>	S rank	S3	S2S3
	Tracking status	Watch list	Full tracking
<i>Procambarus econfinae</i>	G rank	G1	G1G2
	S rank	S1	S1S2
<i>Procambarus rathbunae</i>	G rank	G2	G1
	S rank	S2	S1
	Tracking status	Watch list	Full tracking
<b>Millipedes</b>			
<i>Floridobolus penneri</i>	Tracking status	Not tracked	Full tracking
<b>Mayflies</b>			
<i>Baetisca escambiensis</i>	S rank	SNR	S1
	Tracking status	Not tracked	Full tracking
<i>Baetisca gibbera</i>	S rank	SNR	S1S2
	Tracking status	Not tracked	Full tracking
<i>Baetisca laurentina</i>	S rank	S1	SNA
<i>Siphloplecton brunneum</i>	G rank	G2	G1G2
<i>Sparbarus nasutus</i>	Scientific name	<i>Brachycercus nasutus</i>	<i>Sparbarus nasutus</i>
<b>Dragonflies and Damselflies</b>			
<i>Cordulegaster obliqua fasciata</i>	G rank	G3Q	G4T3Q
	Scientific name	<i>Cordulegaster fasciata</i>	<i>Cordulegaster obliqua fasciata</i>
<i>Gomphus geminatus</i>	G rank	G3	G3G4
<i>Gomphus modestus</i>	G rank	G3	G3G4
<i>Nannothemis bella</i>	S rank	S3	S1S2
<i>Neurocordulia clara</i>	S rank	S1	G1G3Q
<b>Grasshoppers and Allies</b>			
<i>Gryllus cayensis</i>	Tracking status	Not tracked	Full tracking
<b>Beetles</b>			
<i>Aneflomorpha delongi</i>	S rank	S1S3	S1S2
<i>Ataenius brevicollis</i>	G rank	GNR	G3G5
	S rank	S1	S1S2
<i>Ataenius peregrinator</i>	G rank	G1?	G5
	Scientific name	<i>Ataenius stroheckeri</i>	<i>Ataenius peregrinator</i>
<i>Ataenius scabrelloides</i>	G rank	G1?	G5
	Scientific name	<i>Ataenius superficialis</i>	<i>Ataenius scabrelloides</i>
<i>Ataenius scabrellus</i>	G rank	GNR	G5
	Scientific name	<i>Ataenius havanensis</i>	<i>Ataenius scabrellus</i>
<i>Ataenius wenzelii</i>	G rank	G2G3	G3G5
	Scientific name	<i>Ataenius rudellus</i>	<i>Ataenius wenzelii</i>
<i>Auperia denominata</i>	G rank	G3G5	G5

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Element name	Change type	Initial value	Final value
	Scientific name	<i>Ataenius sciurus</i>	<i>Auperia denominata</i>
<i>Bolbocerosoma hamatum</i>	S rank	S3S4	S3S5
<i>Branchus floridanus</i>	Tracking status	Not tracked	Full tracking
<i>Ceratocanthus aeneus</i>	G rank	G2	G2G3
<i>Cicindela nigrior</i>	G rank	G5	G2G4
<i>Cicindela scabrosa floridana</i>	G rank	G5THQ	G3T1
	S rank	SH	S1
	Scientific name	<i>Cicindela abdominalis floridana</i>	<i>Cicindela scabrosa floridana</i>
	Tracking status	Not tracked	Full tracking
<i>Cicindela severa</i>	G rank	G5	G4
	S rank	S5	S2S3
	Tracking status	Not tracked	Full tracking
<i>Cicindela striga</i>	S rank	S3	S2S3
<i>Cicindela wapleri</i>	G rank	G5	G3G4
<i>Coccinella novemnotata</i>	Tracking status	Not tracked	Full tracking
<i>Cotinis aliena</i>	Scientific name	<i>Cotinis sp. 1</i>	<i>Cotinis aliena</i>
<i>Eburia stroheckeri</i>	G rank	G1G3	G1G2
	S rank	S1S3	S1S2
<i>Enaphalodes archboldi</i>	Tracking status	Not tracked	Full tracking
<i>Geomysaprinus floridae</i>	Tracking status	Not tracked	Full tracking
<i>Geopsammodius hydropticus</i>	Tracking status	Not tracked	Full tracking
<i>Haroldiataenius saramari</i>	G rank	G3	G3G4
	S rank	S3	S3S4
	Scientific name	<i>Ataenius saramari</i>	<i>Haroldiataenius saramari</i>
<i>Ischyrus dunedinensis</i>	G rank	GNR	G2G4
<i>Linsleyonides albomaculatus</i>	G rank	GNR	G2G4
	S rank	S1S3	S1
	Scientific name	<i>Linsleyonides albomaculatum</i>	<i>Linsleyonides albomaculatus</i>
<i>Mycterus marmoratus</i>	Tracking status	Not tracked	Full tracking
<i>Photuris brunnipennis floridana</i>	S rank	SNR	S1S3
<i>Photuris sp. 1</i>	Tracking status	Full tracking	Not tracked
<i>Phyllophaga skelleyi</i>	Scientific name	<i>Phyllophaga skelleyi</i>	<i>Phyllophaga skelleyi</i>
<i>Phyllophaga youngi</i>	S rank	S1	S1?
<i>Plesioclytus relictus</i>	Tracking status	Not tracked	Full tracking
<i>Polyphylla pubescens</i>	Scientific name	<i>Polylamina pubescens</i>	<i>Polyphylla pubescens</i>
<i>Polyphylla starkae</i>	Tracking status	Not tracked	Full tracking
<i>Romulus globosus</i>	G rank	G1G3	G1G2
	S rank	S1S3	S1S2
<i>Serica delicata</i>	S rank	S1S3	S2
<i>Stenodontes chevrolati</i>	S rank	S1S3	S1S2
<i>Stizocera floridana</i>	Scientific name	<i>Nesostizocera floridana</i>	<i>Stizocera floridana</i>
<i>Tetracha floridana</i>	G rank	G5T4	G2G3
	Scientific name	<i>Tetracha carolina floridana</i>	<i>Tetracha floridana</i>
<i>Typocerus fulvocinctus</i>	G rank	G1G2	G2
	S rank	S1S2	S2

**Scorpionflies**

<i>Panorpa floridana</i>	Tracking status	Not tracked	Full tracking
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**Caddisflies**

<i>Agarodes libalis</i>	S rank	S2S3	S3
<i>Ceraclea limnetes</i>	Tracking status	Not tracked	Full tracking
<i>Cernotina truncona</i>	S rank	S2	S3
<i>Cheumatopsyche gordonae</i>	G rank	G2	G1G2

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Element name	Change type	Initial value	Final value
	S rank	S2	S1S2
<i>Chimarra florida</i>	S rank	S3	S3S4
<i>Hydroptila alabama</i>	S rank	SNA	S2
	Tracking status	Not tracked	Full tracking
<i>Hydroptila bernerii</i>	S rank	S2S3	S3
<i>Hydroptila molsonae</i>	S rank	S1S2	S2
<i>Hydroptila wakulla</i>	G rank	G1G2	G2
	S rank	S1S2	S2
<i>Nectopsyche tavana</i>	G rank	G2	G3
	S rank	S2	S3
<i>Neotrichia rasmussenii</i>	G rank	G1	G1G2
	S rank	S1	S1S2
<i>Oecetis daytona</i>	S rank	S2?	S2S3
<i>Oecetis parva</i>	G rank	G1	G2
	S rank	S1	S2
<i>Oecetis pratelia</i>	G rank	GH	GHQ
<i>Orthotrichia curta</i>	S rank	S1S2	S2S3
<i>Orthotrichia dentata</i>	S rank	SH	S1S2
<i>Oxyethira elerobi</i>	S rank	S2	S2S3
<i>Oxyethira janella</i>	S rank	S3S4	S4S5
<i>Oxyethira kelleyi</i>	G rank	G2	G1G2
	S rank	S2	S1S2
<i>Oxyethira pescadori</i>	S rank	S2	S3
<i>Oxyethira setosa</i>	S rank	S1	S1S2
<i>Phylocentropus harrisi</i>	Tracking status	Full tracking	Not tracked
<i>Setodes chipolanus</i>	Tracking status	Not tracked	Full tracking
<i>Triaenodes furcellus</i>	G rank	G2G3	G3
	S rank	S2S3	S3
	Scientific name	<i>Triaenodes furcella</i>	<i>Triaenodes furcellus</i>
<i>Triaenodes tridontus</i>	Tracking status	Full tracking	Not tracked
<b>Butterflies and Moths</b>			
<i>Amblyscirtes aesculapius</i>	G rank	G4	G3G4
<i>Anaea troglodyta floridalis</i>	G rank	G5T1	G4?T1
<i>Anthocharis midea</i>	S rank	SX	SH
<i>Atrytone arogos</i>	Tracking status	Full tracking	Not tracked
<i>Callophrys augustinus</i>	Tracking status	Not tracked	Full tracking
<i>Celastrina ladon</i>	G rank	G5	G4
<i>Cupido comyntas</i>	Scientific name	<i>Cupido (Everes) comyntas</i>	<i>Cupido comyntas</i>
<i>Enodia creola</i>	Tracking status	Full tracking	Not tracked
<i>Erynnis brizo somnus</i>	Tracking status	Full tracking	Not tracked
<i>Erynnis martialis</i>	G rank	G3G4	G3
<i>Euphyes pilatka</i>	Tracking status	Full tracking	Not tracked
<i>Hesperia attalus slossonae</i>	G rank	G2G4T2T3	G3G4T3
<i>Hesperia meskei straton</i>	G rank	G3G4T3T4	G3G4T3
<i>Neonympha areolatus</i>	Tracking status	Full tracking	Not tracked
<i>Proserpinus gaurae</i>	G rank	G2G4	GU
<i>Satyrrium calanus calanus</i>	Tracking status	Full tracking	Not tracked
<i>Strymon acis bartrami</i>	G rank	G4T1T2	G4?T1
<b>Flies</b>			
<i>Asaphomyia floridensis</i>	G rank	G1G3	G1
	S rank	S1S2	S1
<i>Mixogaster delongi</i>	G rank	G1G3	G1G2

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(changes are shown for tracked elements only)

Element name	Change type	Initial value	Final value
	S rank	SNR	S1S2
<b>Ants, Bees and Wasps</b>			
<i>Ashmeadiella floridana</i>	Tracking status	Not tracked	Full tracking
<i>Caupolicana electa</i>	Tracking status	Not tracked	Full tracking
<i>Caupolicana floridana</i>	Tracking status	Not tracked	Full tracking
<i>Centris errans</i>	Tracking status	Not tracked	Full tracking
<i>Colletes longifacies</i>	Tracking status	Not tracked	Full tracking
<i>Colletes titusensis</i>	Tracking status	Not tracked	Full tracking
<i>Hylaeus formosus</i>	Tracking status	Not tracked	Full tracking
<i>Hylaeus volusiensis</i>	Tracking status	Not tracked	Full tracking
<i>Lasioglossum flaveriae</i>	Tracking status	Not tracked	Full tracking
<i>Lasioglossum surianae</i>	Tracking status	Not tracked	Full tracking
<i>Lasioglossum tahitensis</i>	Tracking status	Not tracked	Full tracking
<i>Lomachaeta hicksi</i>	G rank	G1	GNR
	S rank	S1	S2S3
	Scientific name	<i>Dasymutilla mickeli</i>	<i>Lomachaeta hicksi</i>
<i>Perdita blatchleyi</i>	Tracking status	Not tracked	Full tracking
<i>Stelis ater</i>	Tracking status	Not tracked	Full tracking
<i>Triepeolus rugosus</i>	Tracking status	Not tracked	Full tracking
<b>Fish</b>			
<i>Rivulus marmoratus</i>	Federal status	C	SC
<b>Amphibians</b>			
<i>Ambystoma bishopi</i>	Federal status	LT, PE	LE
<b>Reptiles</b>			
<i>Lampropeltis extenuata</i>	Scientific name	<i>Stilosoma extenuatum</i>	<i>Lampropeltis extenuata</i>
<b>Birds</b>			
<i>Campephilus principalis</i>	G rank	GH	GX
<i>Falco peregrinus</i>	State status	LE	N
<i>Geotrygon chrysia</i>	G rank	G3	G4
<i>Haliaeetus leucocephalus</i>	Federal status	no status	N
<b>Mammals</b>			
<i>Blarina shermani</i>	G rank	G5T1	G1
	Scientific name	<i>Blarina carolinensis shermani</i>	<i>Blarina shermani</i>
<i>Eumops floridanus</i>	Federal status	no status	C
<i>Monachus tropicalis</i>	Federal status	LE	LE, PDL
<b>Other Elements</b>			
Bird Rookery	G rank	GNR	G5
Manatee Aggregation Site	Scientific name	Manatee aggregation site	Manatee Aggregation Site
Migratory Bird Concentration Area	G rank	GNR	G3

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