



ALASKA NATURAL HERITAGE PROGRAM  
Species Tracking List

Updated: 9/2012

ORDER FAMILY	SCIENTIFIC NAME	COMMON NAME	HERITAGE RANK		FEDERAL <sup>a</sup>	STATE <sup>b</sup>	BLM <sup>c</sup>	USFS <sup>d</sup>	OTHER
			GLOBAL	STATE					
<b>INVERTEBRATES</b>									
<b>Amphipoda</b>									
Crangonyctidae	<i>Stygobromus quatsinensis</i>	A Cave Obligate Amphipod	G2G3	S2S3		SGCN			
<b>Anostraca</b>									
Branchinectidae	<i>Branchinecta paludosa</i>	Circumpolar Fairy Shrimp	G5	SNR					
Chirocephalidae	<i>Artemiopsis stephanssoni</i>	Sealed Pouch Fairy Shrimp	G4	SNR					
Chirocephalidae	<i>Eubranchipus bundyi</i>	Knobbedlip Fairy Shrimp	G5	SNR					
Polyartemiidae	<i>Polyartemiella hazeni</i>	Antlered Fairy Shrimp	G5	SNR					
Polyartemiidae	<i>Polyartemiella judayi</i>	Beringian Fairy Shrimp	G5	SNR					
<b>Aphragmophora</b>									
Sagittidae	<i>Sagitta elegans</i>	A Marine Arrow Worm	G5	S5					
<b>Archaeogastropoda</b>									
Haliotidae	<i>Haliotis kamtschatkana</i>	Pinto Abalone	G3G4	S2S3		SGCN			
<b>Basommatophora</b>									
Lymnaeidae	<i>Fossaria modicella</i>	Rock Fossaria	G5	SNR					
Lymnaeidae	<i>Fossaria obrussa</i>	Golden Fossaria	G5	SNR					
Lymnaeidae	<i>Fossaria truncatula</i>	Attenuate Fossaria	G3Q	SNR		SGCN			
Lymnaeidae	<i>Lymnaea atkaensis</i>	Frigid Lymnaea	G4G5	S3S5					
Lymnaeidae	<i>Lymnaea stagnalis</i>	Swamp Lymnaea	G5	SNR					
Lymnaeidae	<i>Radix auricularia</i>	Big-eared Radix	G5	SNA					
Lymnaeidae	<i>Stagnicola arctica</i>	Arctic Pondsnailed	G5	SH					
Lymnaeidae	<i>Stagnicola caperata</i>	Wrinkled Marshsnail	G5	SNA					
Lymnaeidae	<i>Stagnicola elodes</i>	Marsh Pondsnailed	G5	SNR					
Physidae	<i>Aplexa elongata</i>	Lance Aplexa	G5	SNR					
Physidae	<i>Physa jennessi</i>	Obtuse Physa	G5	SNR					
Physidae	<i>Physa sibirica</i>	Frigid Physa	G4G5	SNR					
Physidae	<i>Physa skinneri</i>	Glass Physa	G5	S1					
Physidae	<i>Physella gyrina</i>	Tadpole Physa	G5	SNR					
Planorbidae	<i>Gyraulus crista</i>	Star Gyro	G5	SNR					
Planorbidae	<i>Gyraulus deflectus</i>	Flexed Gyro	G5	SNR					
Planorbidae	<i>Gyraulus parvus</i>	Ash Gyro	G5	SNR					
Planorbidae	<i>Helisoma anceps</i>	Two-ridge Rams-horn	G5	SNR					
Planorbidae	<i>Menetus opercularis</i>	Button Sprite	G5	SNR					
Planorbidae	<i>Planorbella subcrenata</i>	Rough Rams-horn	G5	SNR					
Planorbidae	<i>Planorbella trivolvis</i>	Marsh Rams-horn	G5	SNR					
Planorbidae	<i>Promenetus exacuouus</i>	Sharp Sprite	G5	SNR					



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<b>Basommatophora</b>									
Planorbidae	<i>Promenetus umbilicatellus</i>	Umbilicate Sprite	G4	SNR					
<b>Capitellida</b>									
Arenicolidae	<i>Abarenicola pacifica</i>	A lugworm	GNR	S4S5					
<b>Coleoptera</b>									
Cicindelidae	<i>Cicindela decemnotata</i>	Badlands Tiger Beetle	G4	SNR					
Cicindelidae	<i>Cicindela depressula</i>	Dispirited Tiger Beetle	G5	S3					
Cicindelidae	<i>Cicindela longilabris</i>	Boreal Long-lipped Tiger Beetle	G5	SNR					
Cicindelidae	<i>Cicindela oregona</i>	Western Tiger Beetle	G5	S5					
<b>Decapoda</b>									
Hippolytidae	<i>Hippolyte clarki</i>	Kelp Humpback Shrimp	G5	S5					
<b>Ephemeroptera</b>									
Baetidae	<i>Acentrella feropagus</i>	A mayfly	G3G4	SNR		SGCN	S		
Caenidae	<i>Brachycercus arcticus</i>	A mayfly	G1Q	SNR		SGCN			
Ephemerellidae	<i>Ephemerella excrucians</i>	A mayfly	G5	SNR					
Heptageniidae	<i>Rhithrogena ingalik</i>	A mayfly	G1G3	S1S3			Watch		
<b>Heterostropha</b>									
Valvatidae	<i>Valvata lewisi</i>	Fringed Valvata	G5	SNR		SGCN			
Valvatidae	<i>Valvata mergella</i>	Rams-Horn Valvata	G2	S1		SGCN			
Valvatidae	<i>Valvata sincera</i>	Mossy Valvata	G5	S3					
<b>Laevicaudata</b>									
Lynceidae	<i>Lynceus brachyurus</i>	Holarctic Clam Shrimp	G5	SNR					
<b>Lepidoptera</b>									
Hesperiidae	<i>Carterocephalus palaemon</i>	Arctic Skipper	G5	SNR					
Hesperiidae	<i>Carterocephalus palaemon mandan</i>	Arctic Skipper	G5T5	SNR					
Hesperiidae	<i>Erynnis afranius</i>	Afranius Duskywing	G5	SNR					
Hesperiidae	<i>Erynnis persius</i>	Persius Duskywing	G5	SNR					
Hesperiidae	<i>Hesperia comma</i>	Common Branded Skipper	G5	SNR					
Lycaenidae	<i>Echinargus isola</i>	Reakirt's Blue	G5	SNA					
Lycaenidae	<i>Cupido (Everes) amyntula</i>	Western Tailed-blue	G5	SNR					
Lycaenidae	<i>Lycaena dorcas</i>	Dorcas Copper	G5	SNR					
Lycaenidae	<i>Lycaena helloides</i>	Purplish Copper	G5	SNR					
Lycaenidae	<i>Lycaena phlaeas</i>	Little Copper	G5	SNR					
Lycaenidae	<i>Lycaena phlaeas arethusa</i>	Arethusia Copper	G5TU	SNR					
Lycaenidae	<i>Plebejus glandon</i>	Arctic Blue	G5	SNR					
Lycaenidae	<i>Plebejus idas</i>	Northern Blue	G5	SNR					
Lycaenidae	<i>Plebejus optilete</i>	Cranberry Blue	G5	SNR					
Lycaenidae	<i>Plebejus saepiolus</i>	Greenish Blue	G5	SNR					



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<b>Lepidoptera</b>									
Nymphalidae	<i>Aglais milberti</i>	Milbert's Tortoiseshell	G5	SNR					
Nymphalidae	<i>Boloria astarte</i>	Astarte Fritillary	G5	SNR					
Nymphalidae	<i>Boloria astarte distincta</i>	Astarte Fritillary	G5T3	SNR					
Nymphalidae	<i>Boloria astarte tschuktokensis</i>	Astarte Fritillary	G5TU	SNR		SGCN			
Nymphalidae	<i>Boloria chariclea</i>	Arctic Fritillary	G5	SNR					
Nymphalidae	<i>Boloria eunomia</i>	Bog Fritillary	G5	SNR		SGCN			
Nymphalidae	<i>Boloria eunomia denali</i>	Bog Fritillary	G5T2T3	SNR					
Nymphalidae	<i>Boloria frigga</i>	Frigga Fritillary	G5	SNR					
Nymphalidae	<i>Boloria improba</i>	Dingy Fritillary	G5	SNR					
Nymphalidae	<i>Boloria alaskensis halli</i>	Napaea Fritillary	G5T2T3	SNR					
Nymphalidae	<i>Boloria natazhati</i>	Beringian Fritillary	G3	SNA					
Nymphalidae	<i>Boloria polaris</i>	Polaris Fritillary	G5	SNR					
Nymphalidae	<i>Coenonympha tullia</i>	Common Ringlet	G5	SNR					
Nymphalidae	<i>Erebia occulta</i>	Scree Alpine	G4G5	SNR					
Nymphalidae	<i>Erebia disa</i>	Disa Alpine	G5	SNR					
Nymphalidae	<i>Erebia discoidalis</i>	Red-disked Alpine	G5	SNR					
Nymphalidae	<i>Erebia epipsodea</i>	Common Alpine	G5	SNR					
Nymphalidae	<i>Erebia fasciata</i>	Banded Alpine	G5	SNR					
Nymphalidae	<i>Erebia lafontainei</i>	Reddish Alpine	G3G4	SNR					
Nymphalidae	<i>Erebia mackinleyensis</i>	Mount MacKinley Alpine	G4	SNR					
Nymphalidae	<i>Erebia magdalena</i>	Magdalena Alpine	G5	SNR					
Nymphalidae	<i>Erebia rossii</i>	Ross's Alpine	G5	SNR					
Nymphalidae	<i>Erebia theano</i>	Theano Alpine	G5	SNR					
Nymphalidae	<i>Erebia youngi</i>	Four-dotted Alpine	G5	SNR					
Nymphalidae	<i>Limenitis arthemis</i>	White Admiral	G5	SNR					
Nymphalidae	<i>Nymphalis antiopa</i>	Mourning Cloak	G5	SNR					
Nymphalidae	<i>Oeneis alpina</i>	Eskimo Arctic	G3G4	S3		SGCN	Watch		
Nymphalidae	<i>Oeneis bore</i>	White-veined Arctic	G5	SNR					
Nymphalidae	<i>Oeneis jutta</i>	Jutta Arctic	G5	SNR					
Nymphalidae	<i>Oeneis melissa</i>	Melissa Arctic	G5	SNR					
Nymphalidae	<i>Oeneis polixenes</i>	Polixenes Arctic	G5	SNR					
Nymphalidae	<i>Oeneis philipi</i>	Philip's Arctic	G3G4	SNR					
Nymphalidae	<i>Oeneis uhleri</i>	Uhler's Arctic	G5	SNR		SGCN			
Nymphalidae	<i>Oeneis uhleri cairnesi</i>	Uhler's Arctic	G5T2T3	SNR					
Nymphalidae	<i>Phyciodes cocyta</i>	Northern Crescent	G5	SNR					
Nymphalidae	<i>Phyciodes pulchella</i>	Field Crescent	G5	SNR					
Nymphalidae	<i>Phyciodes pulchella totchone</i>	Field Crescent	G5T3T4	SNR		SGCN			
Nymphalidae	<i>Polygonia faunus</i>	Green Comma	G5	SNR					



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<b>Lepidoptera</b>									
Nymphalidae	<i>Polygonia gracilis</i>	Hoary Comma	G5	SNR					
Nymphalidae	<i>Speyeria mormonia</i>	Mormon Fritillary	G5	SNR					
Nymphalidae	<i>Speyeria zerene</i>	Zerene Fritillary	G5	S2					
Papilionidae	<i>Papilio canadensis</i>	Canadian Tiger Swallowtail	G5	SNR					
Papilionidae	<i>Papilio machaon</i>	Old World Swallowtail	G5	SNR					
Papilionidae	<i>Parnassius eversmanni</i>	Eversmann's Parnassian	G5	SNR					
Papilionidae	<i>Parnassius phoebus</i>	Phoebus Parnassian	G5	SNR					
Pieridae	<i>Anthocharis sara</i>	Pacific Orangetip	G5	SNR					
Pieridae	<i>Anthocharis sara alaskensis</i>	Alaskan Orangetip	G5T4	SNR		SGCN			
Pieridae	<i>Colias canadensis</i>	Canadian Sulphur	G4G5	SNR					
Pieridae	<i>Colias christina</i>	Christina Sulphur	G5	SNR					
Pieridae	<i>Colias gigantea</i>	Giant Sulphur	G5	SNR					
Pieridae	<i>Colias hecla</i>	Hecla Sulphur	G5	SNR					
Pieridae	<i>Colias palaeno</i>	Palaeno Sulphur	G5	SNR					
Pieridae	<i>Colias pelidne</i>	Pelidne Sulphur	G5	SNR					
Pieridae	<i>Colias philodice</i>	Clouded Sulphur	G5	SNR					
Pieridae	<i>Colias tyche</i>	Booth's Sulphur	G5	SNR					
Pieridae	<i>Euchloe ausonides</i>	Large Marble	G5	SNR					
Pieridae	<i>Euchloe creusa</i>	Northern Marble	G5	SNR					
Pieridae	<i>Euchloe naina</i>	Green Marble	GU	SNR					
Pieridae	<i>Pieris angelika</i>	Arctic White	G5	SNR					
Pieridae	<i>Pieris meckyae</i>	Mecky's White	GUQ	SNR					
Pieridae	<i>Pontia occidentalis</i>	Western White	G5	SNR					
Pieridae	<i>Pontia sisymbrii</i>	Spring White	G5	SNR					
<b>Mesogastropoda</b>									
Littorinidae	<i>Littorina sitkana</i>	Sitka Periwinkle	GNR	S5					
<b>Neoloricata</b>									
Acanthochitonidae	<i>Cryptochiton stelleri</i>	Gumboot Chiton	G5	S5		SGCN			
Mopaliidae	<i>Katharina tunicata</i>	Black Katy Chiton	G5	S5					
<b>Odonata</b>									
Aeshnidae	<i>Aeshna eremita</i>	Lake Darner	G5	SNR					
Aeshnidae	<i>Aeshna interrupta</i>	Variable Darner	G5	SNR					
Aeshnidae	<i>Aeshna juncea</i>	Sedge Darner	G5	SNR					
Aeshnidae	<i>Aeshna palmata</i>	Paddle-tailed Darner	G5	SNR					
Aeshnidae	<i>Aeshna sitchensis</i>	Zigzag Darner	G5	SNR					
Aeshnidae	<i>Aeshna subarctica</i>	Subarctic Darner	G5	SNR					



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<b>Odonata</b>									
Coenagrionidae	<i>Coenagrion resolutum</i>	Taiga Bluet	G5	SNR					
Coenagrionidae	<i>Enallagma annexum</i>	Northern Bluet	G5	SNR					
Cordulegastridae	<i>Cordulegaster dorsalis</i>	Pacific Spiketail	G5	SNR					
Corduliidae	<i>Cordulia shurtleffii</i>	American Emerald	G5	SNR					
Corduliidae	<i>Somatochlora albicincta</i>	Ringed Emerald	G5	SNR					
Corduliidae	<i>Somatochlora franklini</i>	Delicate Emerald	G5	SNR					
Corduliidae	<i>Somatochlora hudsonica</i>	Hudsonian Emerald	G5	SNR					
Corduliidae	<i>Somatochlora sahlbergi</i>	Treeline Emerald	G4	S3S4					
Corduliidae	<i>Somatochlora semicircularis</i>	Mountain Emerald	G5	SNR					
Lestidae	<i>Lestes disjunctus</i>	Northern Spreadwing	G5	SNR					
Lestidae	<i>Lestes dryas</i>	Emerald Spreadwing	G5	SNR					
Libellulidae	<i>Leucorrhinia borealis</i>	Boreal Whiteface	G5	SNR					
Libellulidae	<i>Leucorrhinia glacialis</i>	Crimson-ringed Whiteface	G5	SNR					
Libellulidae	<i>Leucorrhinia hudsonica</i>	Hudsonian Whiteface	G5	SNR					
Libellulidae	<i>Leucorrhinia proxima</i>	Belted Whiteface	G5	SNR					
Libellulidae	<i>Libellula quadrimaculata</i>	Four-spotted Skimmer	G5	SNR					
Libellulidae	<i>Sympetrum danae</i>	Black Meadowhawk	G5	SNR					
Libellulidae	<i>Sympetrum internum</i>	Cherry-faced Meadowhawk	G5	SNR					
<b>Orthoptera</b>									
Acrididae	<i>Melanoplus gordonae</i>	A Spur-throat Grasshopper	G1G3	S1					
<b>Plecoptera</b>									
Capniidae	<i>Capnia nearctica</i>	A stonefly	G4	SNR					
Capniidae	<i>Isocapnia agassizi</i>	A stonefly	G3	SNR		SGCN			
Capniidae	<i>Mesocapnia bergi</i>	A stonefly	G1	SNR		SGCN			
Capniidae	<i>Mesocapnia ogoruka</i>	A stonefly	GHQ	SNR					
Chloroperlidae	<i>Alaskaperla ovibovis</i>	A stonefly	G3	SNR		SGCN	S		
Nemouridae	<i>Nemoura normani</i>	A stonefly	G1	SNR		SGCN			
Nemouridae	<i>Nemoura rickeri</i>	A stonefly	G4	SNR					
Nemouridae	<i>Podmosta weberi</i>	A stonefly	G3	SNR		SGCN			
Perlodidae	<i>Isoperla decolorata</i>	A stonefly	G4	SNR		SGCN			
Perlodidae	<i>Isoperla katmaiensis</i>	A stonefly	G2	SNR					
Perlodidae	<i>Isoperla sordida</i>	A stonefly	G3	SNR		SGCN			
Pteronarcyidae	<i>Pteronarcella regularis</i>	A stonefly	G3	SNR		SGCN			
<b>Unionoida</b>									
Margaritiferidae	<i>Margaritifera falcata</i>	Western Pearlshell	G4G5	SNR		SGCN			
Unionidae	<i>Anodonta beringiana</i>	Yukon Floater	G4	S3S4		SGCN			
Unionidae	<i>Anodonta kennerlyi</i>	Western Floater	G4	SNR		SGCN			



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<b>Veneroida</b>									
Tellinidae	<i>Macoma balthica</i>	Baltic Macoma	G5	S5					

<sup>a</sup>USFWS and NOAA. 2011. Endangered, threatened, proposed, candidate, and delisted species in Alaska (Updated April 21, 2011).

<sup>b</sup>Alaska Department of Fish and Game. 2011. State of Alaska Special Status Species. Available at: <http://www.adfg.alaska.gov/>

<sup>b cont</sup>Alaska Department of Fish and Game. 2006. Our Wealth Maintained: A Strategy for Conserving Alaska's Diverse Wildlife and Fish Resources.

<sup>c</sup>BLM. 2010. Alaska instruction memorandum No. AK-2010-018, BLM- Alaska revised sensitive species lists, May 18, 2010.

<sup>d</sup>Goldstein, M. I., D. Martin, and M. C. Stensvold. 2009. 2009 Forest Service Alaska Region Sensitive Species List. US Forest Service.

**Designation codes:**

Federal- Endangered (LE), Threatened (LT), Delisted (DL), Candidate (C), Proposed (P)

State (ADFG)- Endangered (E), Species of Greatest Conservation Need (SGCN)

BLM- Sensitive (S), Watch (Watch)

USFS- Sensitive (S)

Other: N/A

**NatureServe Ranks (Global (G) /State (S) level)**

G1/S1: critically imperiled, G2/S2: imperiled, G3/S3: vulnerable, G4/S4: apparently secure, G5/S5: secure, GU/SU: unrankable, GX/SX: presumed extinct

GH/SH: possibly extinct, GNR/SNR: unranked, GNA/SNA: not applicable

G#G#/S#S#: range rank used to indicate range of uncertainty

Rank qualifiers: T#- status of subspecies, B- breeding, N- nonbreeding, M- migrant