

**Roan Mountain Massif - Invertebrate Database List**

Scientific Name	Common Name	Taxon	Source
<b>ARTHROPODA</b>			
<b>Spiders</b>			
Microhexura montivaga	Spruce-fir Moss Spider	arachnid-spider	4, 12
<b>springtails</b>			
Agrenia falcula	Roan Mountain Springtail	springtail	9
<b>crayfish</b>			
Cambarus asperimanus	Mitten Crayfish	crustacean-crayfish	20
Cambarus bartonii	Crayfish	crustacean-crayfish	19, 20
Cambarus dubius	Upland Burrowing Crayfish	crustacean-crayfish	19, 20
Cambarus longirostris	Longnose Crayfish	crustacean-crayfish	20
Cambarus robustus	Big Water Crayfish	crustacean-crayfish	20
<b>caddisflies &amp; stoneflies</b>			
Neophylax sp.	Stonecase Caddisfly	insect-caddisfly	18
Pteronarcys sp	Giant Stonefly	insect-stonefly	18
<b>true bugs</b>			
Adelges piceae	Balsam Woolly Adelgid	insect-true bug	5
Adelges tsugae	Hemlock Woolly Adelgid	insect-true bug	5
Gyponana octolineata	Eight-lined Leafhopper	insect-true bug	18
Chinavia hilaris	Green Stink Bug	insect-true bug	18
<b>true flies</b>			
Pedicia albivitta	Giant Eastern Crane Fly	insect-true flies	18
<b>damsel flies, dragonflies</b>			
Aeshna umbrosa	Shadow Darner	insect-dragonfly	8
Anax junius	Common Green Darner	insect-dragonfly	8
Enallagma aspersum	Azure Bluet	insect-damselfly	8
Ischnura posita	Fragile Forktail	insect-damselfly	8
Ischnura verticalis	Eastern Forktail	insect-damselfly	8
Libellula pulchella	Twelve-spotted Skimmer	insect-dragonfly	8
Sympetrum vicinum	Yellow-legged Meadowhawk	insect-dragonfly	8
Tramea lacerata	Black Saddlebags	insect-dragonfly	8
<b>beetles</b>			
Pterostichus mancus	Ground Beetle	insect-beetle	2
Scaphinotus guyoti	Ground Beetle	insect-beetle	2
Trechus roanicus	Ground Beetle	insect-beetle	2
<b>butterflies</b>			
Ancyloxypha numitor	Least Skipper	insect-butterfly	2, 10
Atalopedes campestris	Sachem	insect-butterfly	2, 7, 10
Battus philenor	Pipevine Swallowtail	insect-butterfly	2, 7, 10, 11
Boloria bellona	Meadow Fritillary	insect-butterfly	2, 7, 10, 11
Celastrina ladon ladon	Spring Azure	insect-butterfly	6, 10
Celastrina ladon neglecta	Summer Azure	insect-butterfly	6, 11
Celastrina nepectamajor	Appalachian Azure	insect-butterfly	6

Celastrina sp.	Blues	insect-butterfly	2
Cercyonis pegala	Common Wood Nymph	insect-butterfly	2, 7, 11
Chlosyne nycteis	Silvery Checkerspot	insect-butterfly	6
Colias eurytheme	Orange Sulphur	insect-butterfly	2, 7, 10, 11
Colias philodice	Clouded Sulphur	insect-butterfly	2, 7, 10
Danaus plexippus	Monarch	insect-butterfly	2, 7, 10
Enodia anthedon	Northern Pearly-eye	insect-butterfly	6, 8
Epargyreus clarus	Silver-spotted Skipper	insect-butterfly	2, 7, 10, 11
Erora laeta	Early Hairstreak	insect-butterfly	4
Erynnis juvenalis	Juvenal's Skipper	insect-butterfly	6
Erynnis martialis	Mottled Duskywing	insect-butterfly	6
Euphydryas phaeton	Baltimore Checkerspot	insect-butterfly	4
Euphyes vestries	Dunn Skipper	insect-butterfly	6
Euptoieta claudia	Variegated Fritillary	insect-butterfly	2, 7
Eurytides marcellus	Zebra Swallowtail	insect-butterfly	8
Everes comyntas	Eastern Tailed Blue	insect-butterfly	2, 7, 10, 11
Feniseca tarquinius	Harvester	insect-butterfly	6
Hesperia sassacus	Indian Skipper	insect-butterfly	2
Junonia coenia	Common Buckeye	insect-butterfly	2, 7, 10, 11
Lerema accius	Clouded Skipper	insect-butterfly	7
Limenitis archippus	Viceroy	insect-butterfly	2, 7, 10
Limenitis arthemis astyanax	Red-spotted Purple	insect-butterfly	2
Lycaena phlaeas	American Copper	insect-butterfly	2
Nymphalis antiopa	Mourning Cloak	insect-butterfly	2
Papilio glaucus	Eastern Tiger Swallowtail	insect-butterfly	2, 10, 11
Papilio polyxenes	Black Swallowtail	insect-butterfly	2, 7
Papilio troilus	Spicebush Swallowtail	insect-butterfly	2, 10
Phoebis sennae	Cloudless Sulphur	insect-butterfly	2, 10
Pholisora catullus	Common Sootywing	insect-butterfly	6, 7
Phyciodes tharos	Pearl Crescent	insect-butterfly	2, 7, 10, 11
Pieris rapae	Cabbage White	insect-butterfly	2, 7, 10, 11
Pieris virginiensis	West Virginia White	insect-butterfly	2
Poanes hobomok	Hobomok Skipper	insect-butterfly	6
Poanes zabulon	Zabulon Skipper	insect-butterfly	6
Polites origenes	Crossline Skipper	insect-butterfly	2
Polites peckius	Peck's Skipper	insect-butterfly	2
Polygonia comma	Eastern Comma	insect-butterfly	2, 10, 11
Polygonia interrogationis	Question Mark	insect-butterfly	2, 7
Polygonia progne	Gray Comma	insect-butterfly	4
Pompeius verna	Little Glassywing	insect-butterfly	6, 7
Pyrgus communis	Common Checkered-Skipper	insect-butterfly	6, 8
Satyrium calanus	Banded Hairstreak	insect-butterfly	6
Satyrium liparops	Striped Hairstreak	insect-butterfly	2

<i>Speyeria aphrodite</i>	Aphrodite Fritillary	insect-butterfly	2, 7, 10
<i>Speyeria cybele</i>	Great Spangled Fritillary	insect-butterfly	2, 7, 10, 11
<i>Speyeria idalia</i>	Regal Fritillary	insect-butterfly	4
<i>Strymon melinus</i>	Gray Hairstreak	insect-butterfly	2, 11
<i>Urbanus dorantes</i>	Dorantes Longtail	insect-butterfly	6, 11
<i>Vanessa atalanta</i>	Red Admiral	insect-butterfly	2, 10
<i>Vanessa cardui</i>	Painted Lady	insect-butterfly	6
<i>Vanessa virginiensis</i>	American Lady	insect-butterfly	6, 8
<i>Wallengrenia egeremet</i>	Northern Broken-Dash	insect-butterfly	6, 11
<b>moths</b>			
<i>Anathix ralla</i>	Dotted Sallow Moth	insect-moth	21
<i>Besma quercivoraria</i>	Oak Besma	insect-moth	21
<i>Biston betularia</i>	Pepper & Salt Geometer	insect-moth	21
<i>Campaea perlata</i>	Pale Beauty	insect-moth	21
<i>Caripeta divisata</i>	Gray Spruce Looper	insect-moth	21
<i>Chrysodeixis includens</i>	Soybean Looper	insect-moth	21
<i>Clemensia albata</i>	Little White Lichen Moth	insect-moth	21
<i>Clepsis virescana</i>	Tortrix Moth	insect-moth	21
<i>Colocasia propinquilinea</i>	Closebanded Yellowhorn	insect-moth	21
<i>Dryocampa rubicunda</i>	Rosy Maple Moth	insect-moth	21
<i>Euphyia intermediata</i>	Sharp-angled Carpet	insect-moth	21
<i>Eupithecia miserulata</i>	Common Eupithecia	insect-moth	21
<i>Furcula borealis</i>	White Furcula	insect-moth	21
<i>Gazoryctra sciophanes</i>	Swift Moth	insect-moth	1
<i>Idia aemula</i>	Common Idia	insect-moth	21
<i>Korscheltellus gracilis</i>	Conifer Swift Moth	insect-moth	1
<i>Lacinipolia renigera</i>	Bristly Cutworm	insect-moth	21
<i>Macaria fissinotata</i>	Hemlock Angle	insect-moth	21
<i>Mythimna unipuncta</i>	Armyworm	insect-moth	21
<i>Nadata gibbosa</i>	White-dotted Prominent	insect-moth	21
<i>Noctua pronuba</i>	Large Yellow Underwing	insect-moth	21
<i>Nomophila nearctica</i>	Lucerne Moth	insect-moth	21
<i>Palpita quadristigmalis</i>	Four-spotted Palpita	insect-moth	21
<i>Palthis angulalis</i>	Dark-spotted Palthis	insect-moth	21
<i>Panthea acronyctoides</i>	Black Zigzag	insect-moth	21
<i>Paonias myops</i>	Small-eyed Sphinx	insect-moth	21
<i>Polygrammate hebraeicum</i>	The Hebrew	insect-moth	21
<i>Probole amicaria</i>	Friendly Probole	insect-moth	21
<i>Prochoerodes lineola</i>	Large Maple Spanworm	insect-moth	21
<i>Semiothisa fraserata</i>	Fraser Fir Geometrid Moth	insect-moth	1
<i>Scolecocampa liburna</i>	Dead-Wood Borer Moth	insect-moth	21
<i>Spilosoma congrua</i>	Agreeable Tiger Moth	insect-moth	21
<i>Tetanolita floridana</i>	Florida Tetanolita	insect-moth	21
<i>Tetanolita mynesalis</i>	Smoky Tetanolita	insect-moth	21
<i>Trigrammia quadrinotaria</i>	Four-spotted Angle	insect-moth	21
<i>Udea rubigalis</i>	Celery Leaf-tier	insect-moth	21

Xanthorhoe pacardata	a geometrid moth	insect-moth	21
<b>TARDIGRADA</b>			
Calohypsibius schusteri	Schuster's Tardigrade	tardigrade	12
Diphascon pingue	A Tardigrade	tardigrade	13
Diphascon prorsirostre	A Tardigrade	tardigrade	14
Diphascon prorsirostris	A Tardigrade	tardigrade	13
Diphascon scoticum	A Tardigrade	tardigrade	13, 14
Echiniscus horningi	A Tardigrade	tardigrade	13, 14
Echiniscus maucii	A Tardigrade	tardigrade	13, 14
Echiniscus virginicus	A Tardigrade	tardigrade	13, 14
Hypechiniscus gladiator	A Tardigrade	tardigrade	13, 14
Hypsibius pallidus	A Tardigrade	tardigrade	13, 14
Hypsibius roanensis	Roan Tardigrade	tardigrade	13, 12, 14, 15
Hypsibius schusteri	A Tardigrade	tardigrade	13, 14
Itaquascon trinacriae	A Tardigrade	tardigrade	13, 14
Macrobiotus harmsworthi	A Tardigrade	tardigrade	13, 14
Macrobiotus hufelandi	A Tardigrade	tardigrade	13, 14
Macrobiotus pustulatus	A Tardigrade	tardigrade	14
Macrobiotus tonollii	A Tardigrade	tardigrade	13, 14
Mesocrista spitzbergensis	A Tardigrade	tardigrade	13
Milnesium tardigradum	A Tardigrade	tardigrade	13, 14
Minibiotus intermedius	A Tardigrade	tardigrade	13, 14
Platicrista angustata	A Tardigrade	tardigrade	13, 14
Psuedechiniscus n. sp.	A Tardigrade	tardigrade	13
Psuedechiniscus suillus	A Tardigrade	tardigrade	13, 14
<b>MOLLUSCA</b>			
Allogona profunda	Broad-banded Forestsnail	mollusc	22
Anguispira alternata	Flamed Disc	mollusc	6, 16, 17
Anguispira jessica	Mountain Disc	mollusc	6, 16, 17
Discus bryanti	Sawtooth Disc	mollusc	22
Discus patulus	Domed Disc	mollusc	6, 16, 17
Fumonelix roanensis	Roan Mountain Covert	mollusc	3
Fumonelix wheatleyi	Cinnamon Covert	mollusc	16, 12
Glyphyalinia sculptilis	Suborb Glyph	mollusc	16
Haplotrema concavum	Gray-foot	mollusc	17
Inflectarius rugeli	Deep-tooth Shagreen	mollusc	6, 17
Inflectarius subpalliatius	Velvet Covert	mollusc	16, 12
Mesodon andrewsae	Balsam Globe	mollusc	17
Mesodon zaletus	Toothed Globe	mollusc	6, 16, 17
Mesomphix rugeli	Wrinkled Button	mollusc	6, 16, 17
Neohelix albolabris	Whitlip	mollusc	6, 16, 17
Pallifera hemphilli	Black Mantleslug	mollusc	22
Paravitrea andrewsae	High Mountain Supercoil	mollusc	6, 16, 17, 4
Paravitrea lamellidens	Lamellate Supercoil	mollusc	16, 12
Paravitrea multidentata	Dentate Supercoil	mollusc	16

Paravitrea varidens	Roan Supercoil	mollusc	4
Patera appressa	Flat Bladetooth	mollusc	6, 17
Patera perigrapta	Engraved Bladetooth	mollusc	17
Punctum minutissimum	Small Spot	mollusc	16
Stenotrema altispira	Highland Slitmouth	mollusc	6, 16, 17, 12
Striatura ferrea	Black Striate	mollusc	16
Triodopsis tridentata	Northern Threetooth	mollusc	6, 16, 17
Ventridens arcellus	Golden Dome	mollusc	16
Vitrinizonites latissimus	Glassy Grapeskin	mollusc	16
<b>ANNELIDA</b>			
<i>potentially undescribed species</i>	"giant segmented worm"	earthworm	1