

Endemic to:

Group	Subgroup	Family	Species	Southern GSMNP	Appalachians
Plants	Bryophytes	Aneuraceae	<i>Aneura sharpii</i>		x
Plants	Bryophytes	Dendrocerotaceae	<i>Nothoceros aenigmatis</i> (hornwort)	x	
Plants	Bryophytes	Fissidentaceae	<i>Fissidens appalachensis</i>	x	
Plants	Bryophytes	Hylocomiaceae	<i>Leptohymenium sharpii</i>		x
Plants	Bryophytes	Lejeuneaceae	<i>Drepanolejeunea appalachiana</i>		x
Plants	Bryophytes	Lejeuneaceae	<i>Lejeunea blomquistii</i> (Blomquist leafy liverwort)		x
Plants	Bryophytes	Lejeuneaceae	<i>Lejeunea ruthii</i>		x
Plants	Bryophytes	Lepidoziaceae	<i>Bazzania nudicaulis</i>	x	
Plants	Bryophytes	Leucobryaceae	<i>Campylopus tallulensis</i>		x
Plants	Bryophytes	Plagiochilaceae	<i>Plagiochila caduciloba</i> (gorge leafy liverwort)		x
Plants	Bryophytes	Plagiochilaceae	<i>Plagiochila sulivanii</i>		x
Plants	Bryophytes	Polytrichaceae	<i>Polytrichum appalachianum</i>		x
Plants	Bryophytes	Scapaniaceae	<i>Diplophyllum andrewsii</i>	x?	
Plants	Conifers	Pinaceae	<i>Abies fraseri</i> (Fraser fir)		x
Plants	Ferns	Hymenophyllaceae	<i>Hymenophyllum tayloriae</i> (Taylor's filmy fern)		x
Plants	Flowering plants	Asteraceae	<i>Krigia montana</i> (mountain dwarfdandelion)		x
Plants	Flowering plants	Asteraceae	<i>Nabalus roanensis</i>		x
Plants	Flowering plants	Asteraceae	<i>Rugelia nudicaulis</i> (Rugel's ragwort)		x
Plants	Flowering plants	Asteraceae	<i>Solidago glomerata</i> (skunk goldenrod)		x
Plants	Flowering plants	Brassicaceae	<i>Cardamine clematitis</i> (small mountain bittercress)		x
Plants	Flowering plants	Brassicaceae	<i>Cardamine flagellifera</i> (Blue Ridge bittercress)		x
Plants	Flowering plants	Cyperaceae	<i>Carex fraseriana</i> (Fraser's sedge)		x
Plants	Flowering plants	Cyperaceae	<i>Carex fumosimontana</i> (Smoky Mountain sedge)		x
Plants	Flowering plants	Cyperaceae	<i>Carex misera</i>		x
Plants	Flowering plants	Cyperaceae	<i>Carex ruthii</i>		x
Plants	Flowering plants	Ericaceae	<i>Monotropsis odorata</i> (sweet pinesap)		x
Plants	Flowering plants	Ericaceae	<i>Vaccinium hirsutum</i> (hairy blueberry)		x
Plants	Flowering plants	Fabaceae	<i>Robinia hispida</i> var. <i>kelseyi</i> (Kelsey's locust)		x
Plants	Flowering plants	Hypericaceae	<i>Hypericum graveolens</i>		x
Plants	Flowering plants	Hypericaceae	<i>Hypericum mitchellianum</i> (Blue Ridge St. Johns-wort)		x
Plants	Flowering plants	Lamiaceae	<i>Stachys clingmanii</i> (Clingman's hedge nettle)		x
Plants	Flowering plants	Liliaceae	<i>Lilium grayi</i> (Gray's lily)		x
Plants	Flowering plants	Melanthiaceae	<i>Trillium simile</i> (jeweled wakerobin)		x
Plants	Flowering plants	Poaceae	<i>Arundinaria appalachiana</i> (hill cane)		x
Plants	Flowering plants	Poaceae	<i>Calamagrostis cainii</i> (Cain's reed-bent grass)		x
Plants	Flowering plants	Poaceae	<i>Glyceria nubigena</i> (Great Smoky Mountain managrass)		x
Plants	Flowering plants	Potamogetonaceae	<i>Potamogeton tennesseensis</i>		x
Plants	Flowering plants	Rosaceae	<i>Geum radiatum</i> (spreading avens)		x
Plants	Flowering plants	Rosaceae	<i>Spiraea virginiana</i> (Virginia meadowsweet)		x
Algae	Cyanobacteria	Rivulariaceae	<i>Microchaete</i> n. sp.	x	
Algae	Green algae	Chaetophoraceae	<i>Draparnaldia appalachiana</i>	x	

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Fungi	Common Gilled Mushrooms and Allies	Strophariaceae	<i>Pyrrhulomyces amariceps</i>	x	
Lichens	Arthoniomycetes	Arthoniaceae	<i>Arthonia cupressina</i> (golden spruce dots)	x?	
Lichens	Arthoniomycetes	Arthoniaceae	<i>Arthonia kermesina</i> (hot dots)		x
Lichens	Arthoniomycetes	Mycoporaceae	<i>Mycoporum biseptatum</i> (Forney flecks)		x
Lichens	Dothideomycetes	Arthopyreniaceae	<i>Arthopyrenia betulincola</i> (birch spots)		x
Lichens	Incertae sedis	Incertae sedis	<i>Phaeosporobolus fellhanerae</i>	x	
Lichens	Lecanoromycetes	Caliciaceae	<i>Buellia sharpiana</i> (Evalyn's buttons)	x	
Lichens	Lecanoromycetes	Cladoniaceae	<i>Cetradonia linearis</i> (rock gnome lichen)		x
Lichens	Lecanoromycetes	Cladoniaceae	<i>Cladonia appalachensis</i> (Anakeesta cupless cups)	x	
Lichens	Lecanoromycetes	Fuscideaceae	<i>Maronea constans</i> (legume lichen)		x
Lichens	Lecanoromycetes	Gomphillaceae	<i>Gyalectidium appendiculatum</i> (flick-a-tick)		x
Lichens	Lecanoromycetes	Gomphillaceae	<i>Gyalideopsis pusilla</i>	x	
Lichens	Lecanoromycetes	Graphidaceae	<i>Graphis sterlingiana</i> (Mt. Sterling's lips)	x	
Lichens	Lecanoromycetes	Lecanoraceae	<i>Lecanora anakeestiicola</i> (dangle downs)	x	
Lichens	Lecanoromycetes	Lecanoraceae	<i>Lecanora darlingiae</i> (Darling dumplings)	x	
Lichens	Lecanoromycetes	Lecanoraceae	<i>Lecanora masana</i> (Masa's dots)		x
Lichens	Lecanoromycetes	Lecanoraceae	<i>Lecanora sachisiana</i> (Susan's sacs)		x
Lichens	Lecanoromycetes	Lecideaceae	<i>Kephartia crystalligera</i> (Horace's ramble)		x
Lichens	Lecanoromycetes	Lobariaceae	<i>Sticta fragilinata</i> (Tammy's pumpkin pails)		x
Lichens	Lecanoromycetes	Parmeliaceae	<i>Alectoria fallacina</i> (bubbling witches' hair)		x
Lichens	Lecanoromycetes	Parmeliaceae	<i>Anzia americana</i> (American spongepants)	x	
Lichens	Lecanoromycetes	Parmeliaceae	<i>Hypotrachyna gondylophora</i> (surprise square britches)	x	
Lichens	Lecanoromycetes	Parmeliaceae	<i>Hypotrachyna imbricatula</i> (great horned square britches)		x
Lichens	Lecanoromycetes	Parmeliaceae	<i>Hypotrachyna lividescens</i> (lesser square britches)		x
Lichens	Lecanoromycetes	Parmeliaceae	<i>Hypotrachyna oostingii</i> (Oosting's square britches)		x
Lichens	Lecanoromycetes	Parmeliaceae	<i>Hypotrachyna prolongata</i> (fringed square britches)	x	
Lichens	Lecanoromycetes	Parmeliaceae	<i>Hypotrachyna rockii</i> (Ole Joe's square britches)		x
Lichens	Lecanoromycetes	Parmeliaceae	<i>Hypotrachyna taylorensis</i> (husky square britches)		x
Lichens	Lecanoromycetes	Parmeliaceae	<i>Hypotrachyna thysanota</i> (mountain fly square britches)		x
Lichens	Lecanoromycetes	Parmeliaceae	<i>Hypotrachyna virginica</i> (Virginia square britches)		x
Lichens	Lecanoromycetes	Parmeliaceae	<i>Parmotrema subsumptum</i> (land of cotton)		x
Lichens	Lecanoromycetes	Parmeliaceae	<i>Punctelia reddenda</i> (mountain magnificence)		x
Lichens	Lecanoromycetes	Pertusariaceae	<i>Pertusaria appalachensis</i> (sunshine sneak)		x
Lichens	Lecanoromycetes	Physciaceae	<i>Rinodina brodoana</i> (Brodo's pepperpot)		x
Lichens	Lecanoromycetes	Pilocarpaceae	<i>Fellhanera eriniae</i> (Erin's mountain treasure)	x	
Lichens	Lecanoromycetes	Pilocarpaceae	<i>Fellhanera montesfumosi</i>	x	
Lichens	Lecanoromycetes	Pilocarpaceae	<i>Micarea pycnidioiphora</i> (rare stag)		x
Lichens	Lecanoromycetes	Ramalinaceae	<i>Bacidia lobarica</i> (bright balls)		x
Lichens	Lecanoromycetes	Stereocaulaceae	<i>Lepraria arbuscula</i> (tree embellishment)	x	
Lichens	Lecanoromycetes	Stereocaulaceae	<i>Lepraria lanata</i> (Appalachian pillows)		x

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Lichens	Lichinomycetes	Lichenaceae	<i>Ephebe americana</i> (Halloween hair)		x
Lichens	Lichinomycetes	Lichenaceae	<i>Ephebe solida</i> (after the deluge)		x
Molluscs	Land snails	Polygyridae	<i>Fumonelix jonesiana</i> (Jones' middle-toothed land snail)	x	
Molluscs	Land snails	Polygyridae	<i>Fumonelix langdoni</i>	x	
Molluscs	Land snails	Polygyridae	<i>Inflectarius subpalliatus/verus</i> (velvet covert)	x?	
Molluscs	Land snails	Polygyridae	<i>Mesodon altivagus</i> (wandering globe)	x	
Arachnids	Acari	Torrenticolidae	<i>Torrenticola arktonyx</i>		x
Arachnids	Acari	Torrenticolidae	<i>Torrenticola bondi</i>	x	
Arachnids	Acari	Torrenticolidae	<i>Torrenticola whitneyae</i>		x
Arachnids	Aranea	Microhexuridae	<i>Microhexura montivaga</i> (spruce-fir moss spider)		x
Arachnids	Aranea	Nesticidae	<i>Nesticus barrowsi</i>		x
Arachnids	Aranea	Nesticidae	<i>Nesticus binfordae</i>	x	
Arachnids	Aranea	Nesticidae	<i>Nesticus cherokeensis</i>		x
Arachnids	Aranea	Nesticidae	<i>Nesticus dykemanae</i>	x	
Arachnids	Aranea	Nesticidae	<i>Nesticus secretus</i>	x	
Arachnids	Aranea	Nesticidae	<i>Nesticus stupkai</i>	x	
Insects	Plecoptera	Capniidae	<i>Allocapnia fumosa</i> (Smokies snowfly)		x
Insects	Plecoptera	Capniidae	<i>Allocapnia stannardi</i>		x
Insects	Plecoptera	Chloroperlidae	<i>Haploperla parkeri</i>		x
Insects	Plecoptera	Leuctridae	<i>Leuctra mitchellensis</i>		x
Insects	Plecoptera	Leuctridae	<i>Leuctra monticola</i>		x
Insects	Plecoptera	Leuctridae	<i>Leuctra nephophila</i>		x
Insects	Plecoptera	Leuctridae	<i>Megaleuctra williamsae</i>		x
Insects	Plecoptera	Nemouridae	<i>Soyedina kondratieffi</i>		x
Insects	Plecoptera	Nemouridae	<i>Zapada chila</i>	x	
Insects	Plecoptera	Peltoperlidae	<i>Tallaperla elisa</i>		x
Insects	Plecoptera	Peltoperlidae	<i>Viehoperla ada</i>		x
Insects	Plecoptera	Perlidae	<i>Acroneuria petersi</i>		x
Insects	Plecoptera	Perlidae	<i>Beloneuria georgiana</i>		x
Insects	Plecoptera	Perlodidae	<i>Isoperla bellona</i>		x
Insects	Plecoptera	Perlodidae	<i>Isoperla distincta</i>	x	
Insects	Plecoptera	Perlodidae	<i>Yugus arinus</i>		x
Insects	Plecoptera	Taeniopterygidae	<i>Strophopteryx limata</i>		x
Insects	Hemiptera	Cicadellidae	<i>Erasmoneura tricuspidata</i>	x	
Insects	Coleoptera	Carabidae	<i>Anillinus cherokee</i>		x
Insects	Coleoptera	Carabidae	<i>Anillinus cieglerae</i>	x	

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Insects	Coleoptera	Carabidae	<i>Anillinus langdoni</i>		x
Insects	Coleoptera	Carabidae	<i>Anillinus lowae</i>		x
Insects	Coleoptera	Carabidae	<i>Anillinus moseleyae</i>		x
Insects	Coleoptera	Carabidae	<i>Anillinus murrayae</i>		x
Insects	Coleoptera	Carabidae	<i>Anillinus pusillus</i>	x	
Insects	Coleoptera	Carabidae	<i>Anillinus steevesi</i>		x
Insects	Coleoptera	Carabidae	<i>Nebria (Boreonebria) lacustris bellorum</i>		x
Insects	Coleoptera	Carabidae	<i>Nebria (Reductonebria) appalachia</i>		x
Insects	Coleoptera	Carabidae	<i>Pterostichus (Feronina) palmi</i>		x
Insects	Coleoptera	Carabidae	<i>Pterostichus (Monoferonia) primus</i>		x
Insects	Coleoptera	Carabidae	<i>Pterostichus (Paraferonia) lubricus</i>		x
Insects	Coleoptera	Carabidae	<i>Scaphinotus (Steniridia) andrewsi barksdalei</i>	x	
Insects	Coleoptera	Carabidae	<i>Scaphinotus (Steniridia) andrewsii darlingtoni</i>		x
Insects	Coleoptera	Carabidae	<i>Scaphinotus (Steniridia) guyotii</i>		x
Insects	Coleoptera	Carabidae	<i>Scaphinotus (Steniridia) tricarinatus</i>		x
Insects	Coleoptera	Carabidae	<i>Trechus (Microtrechus) aduncus</i>		x
Insects	Coleoptera	Carabidae	<i>Trechus (Microtrechus) barberi</i>		x
Insects	Coleoptera	Carabidae	<i>Trechus (Microtrechus) bowlingi</i>		x
Insects	Coleoptera	Carabidae	<i>Trechus (Microtrechus) clingmanensis</i>		x
Insects	Coleoptera	Carabidae	<i>Trechus (Microtrechus) luculentus</i>		x
Insects	Coleoptera	Carabidae	<i>Trechus (Microtrechus) nebulosus</i>	x	
Insects	Coleoptera	Carabidae	<i>Trechus (Microtrechus) novaculosus</i>	x	
Insects	Coleoptera	Carabidae	<i>Trechus (Microtrechus) pseudonovaculosus</i>	x	
Insects	Coleoptera	Carabidae	<i>Trechus (Microtrechus) ramseyensis</i>	x	
Insects	Coleoptera	Carabidae	<i>Trechus (Microtrechus) schwarzi</i>		x
Insects	Coleoptera	Carabidae	<i>Trechus (Microtrechus) stefanschoedli</i>		x
Insects	Coleoptera	Carabidae	<i>Trechus (Microtrechus) subtilis</i>		x
Insects	Coleoptera	Carabidae	<i>Trechus (Microtrechus) tennesseensis tauricus</i>		x
Insects	Coleoptera	Carabidae	<i>Trechus (Microtrechus) thunderheadensis</i>		x
Insects	Coleoptera	Carabidae	<i>Trechus (Microtrechus) tonitru</i>		x
Insects	Coleoptera	Carabidae	<i>Trechus (Microtrechus) tuckaleechee</i>		x
Insects	Coleoptera	Carabidae	<i>Trechus (Microtrechus) uncifer</i>		x
Insects	Coleoptera	Carabidae	<i>Trechus (Microtrechus) valentinei</i>		x
Insects	Coleoptera	Carabidae	<i>Trechus (Microtrechus) vandykei</i>		x
Insects	Coleoptera	Carabidae	<i>Trechus (Microtrechus) verus</i>	x	
Insects	Coleoptera	Cerambycidae	<i>Dasycerus bicolor</i>		x
Insects	Coleoptera	Cerambycidae	<i>Dasycerus carolinensis</i>		x
Insects	Coleoptera	Cerambycidae	<i>Michthisoma heterodoxum</i>		x
Insects	Coleoptera	Cerylonidae	<i>Mychocerus striatus</i>		x
Insects	Coleoptera	Chrysomelidae	<i>Psylliodes appalachianus</i>	x	
Insects	Coleoptera	Eucinetidae	<i>Tohlezkus inexpectus</i>		x
Insects	Coleoptera	Mycetophagidae	<i>Pseudotriphyllyus defoei</i>		x

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Insects	Coleoptera	Staphylinidae	<i>Arianops digitata</i>	X	
Insects	Coleoptera	Staphylinidae	<i>Arianops hiltenae</i>	X	
Insects	Coleoptera	Staphylinidae	<i>Arianops unicoi</i>		X
Insects	Coleoptera	Staphylinidae	<i>Batriasymmodes suteri</i>	X	
Insects	Coleoptera	Staphylinidae	<i>Batrisodes auerbachi</i>	X	
Insects	Coleoptera	Staphylinidae	<i>Batrisodes spretoides</i>	X	
Insects	Coleoptera	Staphylinidae	<i>Euboarhexius perscitus</i>		X
Insects	Coleoptera	Staphylinidae	<i>Euboarhexius trogasteroides</i>		X
Insects	Coleoptera	Staphylinidae	<i>Eutyphus dybasi</i>	X	
Insects	Coleoptera	Staphylinidae	<i>Eutyphus thoracicus</i>	X	
Insects	Coleoptera	Staphylinidae	<i>Leptusa ferroi</i>	X	
Insects	Coleoptera	Staphylinidae	<i>Leptusa gimmeli</i>	X	
Insects	Coleoptera	Staphylinidae	<i>Leptusa pseudosmokyensis</i>	X	
Insects	Coleoptera	Staphylinidae	<i>Leptusa stocksi</i>	X	
Insects	Coleoptera	Staphylinidae	<i>Machaerodes carinatus</i>		X
Insects	Coleoptera	Staphylinidae	<i>Mipseltyrus nicolayi</i>		X
Insects	Coleoptera	Staphylinidae	<i>Prespelea copelandi</i>	X	
Insects	Coleoptera	Staphylinidae	<i>Prespelea quirsfeldi</i>		X
Insects	Coleoptera	Staphylinidae	<i>Pseudactium alexanderi</i>		X
Insects	Coleoptera	Staphylinidae	<i>Rhexius amyae</i>	X	
Insects	Coleoptera	Staphylinidae	<i>Rhexius jaceus</i>	X	
Insects	Coleoptera	Staphylinidae	<i>Sonoma baylessae</i>	X	
Insects	Coleoptera	Staphylinidae	<i>Sonoma cataloochee</i>	X	
Insects	Coleoptera	Staphylinidae	<i>Sonoma chouljenkoi</i>	X	
Insects	Coleoptera	Staphylinidae	<i>Sonoma gilae</i>	X	
Insects	Coleoptera	Staphylinidae	<i>Sonoma gimmeli</i>	X	
Insects	Coleoptera	Staphylinidae	<i>Sonoma mayori</i>	X	
Insects	Coleoptera	Staphylinidae	<i>Sonoma nicholsae</i>	X	
Insects	Coleoptera	Staphylinidae	<i>Sonoma parkorum</i>	X	
Insects	Coleoptera	Staphylinidae	<i>Sonoma tolulae</i>		X
Insects	Coleoptera	Staphylinidae	<i>Stenus clingmanmontis</i>	X	
Insects	Coleoptera	Staphylinidae	<i>Stenus sandrae</i>	X	
Insects	Lepidoptera	Crambidae	Crambidae n. sp.	X	
Insects	Diptera	Dixidae	<i>Dixa elkmontensis</i>	X	
Vertebrates	Amphibians	Plethodontidae	<i>Plethodon jordani</i> (red-cheeked salamander)		X
Vertebrates	Mammals	Sciuridae	<i>Glaucomys sabrinus coloratus</i> (Carolina northern flying squirrel)		X
Totals				81	114