

## Appendix C. Terrestrial Species With No Landcover Associations

This appendix contains a list of those terrestrial species for which no landcover (habitat) affinity exists in DGIF databases. Efforts are underway to obtain landcover data for these species, but it was not possible to do so for this iteration of the CWCS.

Common Name	Scientific Name
<b>Tier I</b>	
<b>Terrestrial Insects</b>	
American burying beetle <sup>1</sup>	<i>Nicrophorus americanus</i>
<b>Tier II</b>	
<b>Terrestrial Insects</b>	
Smyth's Apamea moth	<i>Apamea smythi</i>
A rove beetle	<i>Atheta trogliphila</i>
Precious underwing	<i>Catocala pretiosa pretiosa</i>
Persius duskywing	<i>Erynnis persius persius</i>
Dotted skipper	<i>Hesperia attalus slossonae</i>
Maureen's shale stream beetle	<i>Hydraena maureenae</i>
Tawny crescent	<i>Phyciodes batesii</i>
Rare skipper	<i>Problema bulenta</i>
Gammon's riffle beetle	<i>Stenelmis gammoni</i>
<b>Other Terrestrial Invertebrates</b>	
A millipede	<i>Aniulus orientalis</i>
A millipede	<i>Auturus erythrotygos</i>
A funnel-web spider	<i>Barronopsis jeffersi</i>
Cedar millipede	<i>Brachoria cedra</i>
A millipede	<i>Brachoria dentata</i>
Big Cedar Creek millipede	<i>Brachoria falcifera</i>
Hoffman's xystodesmid millipede	<i>Brachoria hoffmani</i>
A millipede	<i>Brachoria insolita</i>
Keeton's millipede	<i>Brachoria laminata</i>
Collinwood millipede	<i>Brachoria mendota</i>
Turner's millipede	<i>Brachoria turneri</i>
A millipede	<i>Buotus carolinus</i>
Snowhill ambersnail	<i>Catinella hubrichti</i>
Faithful millipede	<i>Cleidogona fidelitor</i>
Hoffman's cleidogonid millipede	<i>Cleidogona hoffmani</i>
A millipede	<i>Cleidogona lachesis</i>
Blowing Rock millipede	<i>Cleidogona medialis</i>
Aeto millipede	<i>Conotyla aeto</i>
Celena millipede	<i>Conotyla celeno</i>
Melinda millipede	<i>Conotyla melinda</i>
Venetia millipede	<i>Conotyla venetia</i>
Brooks millipede	<i>Dixioria brooksi</i>
A millipede	<i>Dixioria fowleri</i>
Montane centipede	<i>Escaryus cryptorobius</i>

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Appendix C — Terrestrial Species With Unknown Landcover Associations

Common Name	Scientific Name
Whitetop Mountain centipede	<i>Escaryus orestes</i>
Rust glyph	<i>Glyphyalinia picea</i>
Maryland glyph	<i>Glyphyalinia raderi</i>
Talus coil	<i>Helicodiscus triodus</i>
Brown globelet	<i>Inflectarius kalmianus</i>
Blotchy mantleslug	<i>Megapallifera wetherbyi</i>
Balsam globe	<i>Mesodon andrewsae</i>
Duke Forest xystodesmid millipede	<i>Nannaria conservata</i>
Smith Creek xystodesmid millipede	<i>Nannaria laminata</i>
Shenandoah Mountain xystodesmid millipede	<i>Nannaria shenandoah</i>
A millipede	<i>Nannaria simplex</i>
Black mantleslug	<i>Pallifera hemphilli</i>
Shrew supercoil	<i>Paravitrea blarina</i>
Comb supercoil	<i>Paravitrea dentilla</i>
Funnel supercoil	<i>Paravitrea mira</i>
Glossy supercoil	<i>Paravitrea placentula</i>
Round supercoil	<i>Paravitrea reesei</i>
Barred supercoil	<i>Paravitrea seradens</i>
Slender supercoil	<i>Paravitrea subtilis</i>
A millipede	<i>Pseudotremia alecto</i>
A millipede	<i>Pseudotremia tuberculata</i>
Highland slitmouth	<i>Stenotrema altispira</i>
A millipede	<i>Striaria causeyae</i>
A millipede	<i>Striaria columbiana</i>
A millipede	<i>Striaria granulosa</i>
A millipede	<i>Trichopetalum dux</i>
Hanging Rock threetooth	<i>Triodopsis pendula</i>
Spruce Knob threetooth	<i>Triodopsis picea</i>
Delicate vertigo	<i>Vertigo bollesiana</i>

**Tier III**

**Terrestrial Insects**

Dusky roadside-skipper	<i>Amblyscirtes alternata</i>
Appalachian grasshopper	<i>Appalachia hebardei</i>
Southeastern myotis bat fly	<i>Basilina boardmani</i>
Jefferson's short-nosed scorpionfly	<i>Brachypanorpa jeffersoni</i>
Little metalmark	<i>Calephelis virginiensis</i>
Hessel's hairstreak	<i>Callophrys hesseli</i>
Sweet underwing	<i>Catocala dulciola</i>
Pine barrens underwing	<i>Catocala herodias</i>
Dismal Swamp green stink bug	<i>Chlorochroa dismalia</i>
Riverbank tiger beetle	<i>Cicindela ancociscenensis</i>
Barrens tiger beetle	<i>Cicindela patruela</i>
A ground beetle	<i>Cyclotrachelus incisus</i>
Mottled duskywing	<i>Erynnis martialis</i>
Hebard's noctuid moth	<i>Erythroecia hebardei</i>
Palatka skipper	<i>Euphyes pilatka</i>

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Appendix C — Terrestrial Species With Unknown Landcover Associations

Common Name	Scientific Name
Black lordithon rove beetle	<i>Lordithon niger</i>
Doll's Merolonch moth	<i>Merolonche dolli</i>
Brimley's assassin bug	<i>Pnirontis brimleyi</i>

**Other Terrestrial Invertebrates**

Mountain disc	<i>Anguispira jessica</i>
Robust trapdoor spider	<i>Antrodiaetus robustus</i>
A millipede	<i>Brachoria separanda calcaria</i>
A millipede	<i>Brachoria separanda hamata</i>
A millipede	<i>Brachoria separanda versicolor</i>
A millipede	<i>Dixioria coronata</i>
Clingman covert	<i>Fumonelix wheatleyi</i>
Bluegrass snaggletooth	<i>Gastrocopta clappi</i>
Appalachia bellytooth	<i>Gastrodonta fonticula</i>
Depressed glyph	<i>Glyphyalinia virginica</i>
Gertsch's lampshade-web spider	<i>Hypochilus gertschi</i>
Tiny Liptooth	<i>Lobosculum pustuloides</i>
Flat button	<i>Mesomphix subplanus</i>
Cumberland liptooth	<i>Millerelix plicata</i>
McGraw Gap xystodesmid millipede	<i>Nannaria ericaea</i>
Variable mantleslug	<i>Pallifera varia</i>
Natural Bridge supercoil	<i>Paravitrea pontis</i>
Virginia bladetooth	<i>Patera panselenus</i>
Virginia mantleslug	<i>Philomycus virginicus</i>
A millipede	<i>Pseudopolydesmus paludicolous</i>
A millipede	<i>Semionellus placidus</i>
Carinate slitmouth	<i>Stenotrema spinosum</i>
Carter threetooth	<i>Triodopsis anteridon</i>
A millipede	<i>Uroblaniulus jerseyi</i>
Bidentate dome	<i>Ventridens coelaxis</i>
Rounded dome	<i>Ventridens lawae</i>
Smallmouth Vertigo	<i>Vertigo parvula</i>
Five-tooth vertigo	<i>Vertigo ventricosa</i>

**Tier IV**

**Terrestrial Insects**

Barrens dagger moth	<i>Acronicta albarufa</i>
A cane moth	<i>Argillophora furcilla</i>
A rove beetle	<i>Atheta annexa</i>
A mirid bug	<i>Bothynotus johnstoni</i>
Northern metalmark	<i>Calephelis borealis</i>
A leaf beetle	<i>Calligrapha pnirsa</i>
Frosted elfin	<i>Callophrys irus</i>
Hoary elfin	<i>Callophrys polios</i>
Consort underwing	<i>Catocala consors sorsconi</i>
Marbled underwing	<i>Catocala marmorata</i>
Orange-bellied tiger beetle	<i>Cicindela abdominalis</i>

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<b>Common Name</b>	<b>Scientific Name</b>
A tiger beetle	<i>Cicindela formosa generosa</i>
A tiger beetle	<i>Cicindela gratiosa</i>
Spectral tiger beetle	<i>Cicindela lepida</i>
A tiger beetle	<i>Cicindela limbalis</i>
Pink-edged sulphur	<i>Colias interior</i>
Combneck assassin bug	<i>Ctenotrachelus shermani</i>
Six-banded longhorn beetle	<i>Dryobius sexnotatus</i>
Hercules club stink bug	<i>Elasmostethus atricornis</i>
Early hairstreak	<i>Erora laeta</i>
Milne's Euchlaena moth	<i>Euchlaena milnei</i>
Two-spotted skipper	<i>Euphyes bimacula</i>
Black dash	<i>Euphyes conspicua</i>
Mixed dart moth	<i>Euxoa immixta</i>
Pink-streak moth	<i>Faronta rubripennis</i>
A cane moth	<i>Franclemontia interrogans</i>
A shield bug	<i>Galgupha denudata</i>
A noctuid moth	<i>Hadena ectypa</i>
Rare spring moth	<i>Heliomata infulata</i>
Buchholz's gray moth	<i>Hypomecis buchholzaria</i>
Lemmer's pinion moth	<i>Lithophane lemmeri</i>
A geometrid moth	<i>Lophosis labeculata</i>
Bronze copper	<i>Lycaena hyllus</i>
A geometrid moth	<i>Lytrosis permagnaria</i>
Yucca giant-skipper	<i>Megathymus yuccae</i>
A spur-throat grasshopper	<i>Melanoplus pachycercus</i>
A noctuid moth	<i>Meropleon titan</i>
Tuscarora emerald	<i>Nemoria tuscarora</i>
Georgia satyr	<i>Neonympha areolata</i>
A turtle bug	<i>Oncozygia clavicornis</i>
A noctuid moth	<i>Oxycilla mitographa</i>
Yellow stoneroot borer moth	<i>Papaipema astuta</i>
Dark stoneroot borer moth	<i>Papaipema duplicata</i>
A ground beetle	<i>Phloeoxena signata</i>
An assassin bug	<i>Ploiaria hirticornis</i>
Long dash	<i>Polites mystic</i>
Southern Ptichodis moth	<i>Ptichodis bistrigata</i>
Yellow-edged Pygarctia moth	<i>Pygarctia abdominalis</i>
A ground beetle	<i>Rhadine caudata</i>
King's hairstreak	<i>Satyrium kingi</i>
Northern bush katydid	<i>Scudderia septentrionalis</i>
Schaum's ground beetle	<i>Sphaeroderus schaumi</i>
A noctuid moth	<i>Zale curema</i>
<b>Other Terrestrial Invertebrates</b>	
A millipede	<i>Abacion tessalatum</i>
An amaurobiid spider	<i>Amaurobius borealis</i>
Southeastern wandering spider	<i>Anahita punctulata</i>

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Common Name	Scientific Name
A millipede	<i>Apheloria virginiensis</i>
A millipede	<i>Boraria infesta</i>
Hungry mother millipede	<i>Brachoria ethotela</i>
A millipede	<i>Brachoria separanda</i>
A two-clawed hunting spider	<i>Castianeira trilineata</i>
A millipede	<i>Chaetaspis albus</i>
A millipede	<i>Cherokia georgiana latassa</i>
A two-clawed hunting spider	<i>Clubiona spiralis</i>
A millipede	<i>Desmonus earlei</i>
Black Mountain disc	<i>Discus nigrimontanus</i>
A gnaphosid spider	<i>Drassyllus louisianus</i>
A centipede	<i>Escaryus ethopus</i>
Lowland pillsnail	<i>Euchemotrema leai</i>
A millipede	<i>Euryurus leachi fraternus</i>
Crablike spiny orb weaver	<i>Gasteracantha cancriformis</i>
Slim snaggletooth	<i>Gastrocopta pellucida</i>
Brilliant glyph	<i>Glyphyalinia praecox</i>
Suborb glyph	<i>Glyphyalinia sculptilis</i>
A gnaphosid spider	<i>Gnaphosa fontinalis</i>
A millipede	<i>Gyalostethus monticolens</i>
Twilight coil	<i>Helicodiscus multidentis</i>
Temperate coil	<i>Helicodiscus shimiki</i>
Cherrystone drop	<i>Hendersonia occulta</i>
Pocock's lampshade-web spider	<i>Hypochilus pococki</i>
Thorell's lampshade-web spider	<i>Hypochilus thorelli</i>
A wolf spider	<i>Lycosa lenta</i>
Yellow globelet snail	<i>Mesodon clausus</i>
Proud globe	<i>Mesodon elevatus</i>
Wrinkled button	<i>Mesomphix rugeli</i>
A millipede	<i>Nannaria wilsoni</i>
A millipede	<i>Okeanobates americanus</i>
A millipede	<i>Onomeris underwoodi</i>
A millipede	<i>Orinisobates nigrior</i>
Smooth bladetooth	<i>Patera laevior</i>
A millipede	<i>Petaserpes rosalbus</i>
A millipede	<i>Petaserpes strictus</i>
A nursery-web spider	<i>Pisaurina dubia</i>
Widespread column	<i>Pupilla muscorum</i>
A millipede	<i>Rudiloria kleinpeteri</i>
A millipede	<i>Rudiloria trimaculata tortua</i>
A millipede	<i>Scytonotus virginicus</i>
Atlantic purse-web spider	<i>Sphodros atlanticus</i>
Coyle's purse-web spider	<i>Sphodros coylei</i>
Black purse-web spider	<i>Sphodros niger</i>
Red-legged purse-web spider	<i>Sphodros rufipes</i>
Ribbed striate	<i>Striatura exigua</i>
Fine-ribbed striate	<i>Striatura milium</i>

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<b>Common Name</b>	<b>Scientific Name</b>
A millipede	<i>Thalassiosobates littoralis</i>
A millipede	<i>Trichomeris sinuata</i>
Pittsylvania three-tooth	<i>Triodopsis burchi</i>
Baffled three-tooth	<i>Triodopsis fraudulenta</i>
Pinhole threetooth	<i>Triodopsis messana</i>
Buttressed threetooth	<i>Triodopsis rugosa</i>
Budded three-tooth	<i>Triodopsis tennesseensis</i>
A millipede	<i>Uroblaniulus canadensis</i>
Carolina scorpion	<i>Vaejovis carolinianus</i>
Trumpet vallonina	<i>Vallonia parvula</i>
Golden dome	<i>Ventridens arcellus</i>
Hollow dome	<i>Ventridens lasmodon</i>
Yellow dome	<i>Ventridens pilsbryi</i>
Palmetto vertigo	<i>Vertigo oralis</i>
Ovate vertigo snail	<i>Vertigo ovata</i>
Swamp vertigo	<i>Vertigo teskeyae</i>
A millipede	<i>Virgoiulus minutus</i>
Glassy grapeskin	<i>Vitrinizonites latissimus</i>
Emerton's crab spider	<i>Xysticus emertoni</i>

<sup>1</sup> See the species account for this species (Section 4.4.1.16) for details on habitat needs of this species.