

## DEPARTMENT OF THE INTERIOR

## Fish and Wildlife Service

## 50 CFR Part 17

## Endangered and Threatened Wildlife and Plants; Review of Invertebrate Wildlife for Listing as Endangered or Threatened Species

**AGENCY:** Fish and Wildlife Service, Interior.

**ACTION:** Notice of review.

**SUMMARY:** The U.S. Fish and Wildlife Service identifies invertebrate animal taxa native to the United States being considered for addition to the List of Endangered and Threatened Wildlife. Although "candidate" species receive no substantive or procedural protections under the Endangered Species Act, the Service encourages federal agencies and other planners to take such taxa into account in environmental planning under the National Environmental Policy Act and similar statutes. Also identified in this notice are those invertebrate taxa that were previously under consideration for listing, but that are currently presumed either to be extinct, to not be valid species or subspecies, or to be more abundant and widespread than previously thought and/or not subject to identifiable threats.

**DATE:** Comments may be submitted until further notice.

**ADDRESSES:** Interested persons or organizations are requested to submit comments to: Director, U.S. Fish and Wildlife Service, Department of the Interior, Washington, D.C. 20240. Comments and materials relating to this notice are available for public inspection by appointment during normal business hours at the Service's Office of Endangered Species, Suite 500, 1000 North Glebe Road, Arlington, Virginia.

Information relating to particular taxa may be obtained from appropriate Service Regional Offices listed below:

**Region 1.**—California, Hawaii, Idaho, Nevada, Oregon, Washington, American Samoa, Guam, Territory of the Northern Marianas, and Trust Territories of the Pacific.

Regional Director (ARD/FA), U.S. Fish and Wildlife Service, Suite 1692, Lloyd 500 Building, 500 N.E. Multnomah Street, Portland, Oregon 97232 (503/231-6131 or FTS 8/429-6131).

**Region 2.**—Arizona, New Mexico, Oklahoma, and Texas.

Regional Director (ARD/AFF), U.S. Fish and Wildlife Service, P.O. Box 1306, Albuquerque, New Mexico 87103 (505/766-3972 or FTS 8/474-3972).

**Region 3.**—Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, Ohio, and Wisconsin.

Regional Director (ARD/AFF), U.S. Fish and Wildlife Service, Federal Building, Fort Snelling, Twin Cities, Minnesota 55111 (612/725-3596 or FTS 8/725-3596).

**Region 4.**—Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee, Puerto Rico, and the Virgin Islands.

Regional Director (ARD/FA), U.S. Fish and Wildlife Service, The Richard B. Russell Federal Building, 75 Spring Street, S.W., Atlanta, Georgia 30303 (404/221-3583 or FTS 8/242-3583).

**Region 5.**—Connecticut, Delaware, District of Columbia, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, Virginia, and West Virginia.

Regional Director (ARD/FA), U.S. Fish and Wildlife Service, Suite 700, One Gateway Center, Newton Corner, Massachusetts 02158 (617/965-5100 ext. 316 or FTS 8/829-9316, 7, 8).

**Region 6.**—Colorado, Kansas, Montana, Nebraska, North Dakota, South Dakota, Utah, and Wyoming.

Regional Director (ARD/FA), U.S. Fish and Wildlife Service, P.O. Box 25486, Denver Federal Center, Denver, Colorado 80225 (303/234-2496 or FTS 8/234-2496).

**Region 7.**—Alaska.

Regional Director (ARD/AFF), U.S. Fish and Wildlife Service, 1101 East Tudor Road, Anchorage, Alaska 99503 (907/263-3539 or FTS 8/263-3539).

**FOR FURTHER INFORMATION CONTACT:** John L. Spinks, Jr., Chief, Office of Endangered Species, U.S. Fish and Wildlife Service, Washington, D.C. 20240 (703/235-2771), or the appropriate Regional Office.

**SUPPLEMENTARY INFORMATION:****Background**

The Endangered Species Act of 1973 (16 U.S.C. 1531 *et seq.*) requires a determination of whether species of wildlife and plants are endangered or threatened based on the best available scientific and commercial data. For many years, the U.S. Fish and Wildlife Service (hereafter the Service) has been gathering data on taxa of invertebrates (sponges, crustaceans, arachnids, insects and mollusks), native to the United States, that have appeared, at least at times, to warrant consideration for addition to the List of Endangered and Threatened Wildlife. The accompanying table identifies many of these taxa (including, by definition,

biological subspecies) and assigns each to one of the following three categories.

Category 1 comprises taxa for which the Service currently has substantial information on hand to support the biological appropriateness of proposing to list the species as endangered or threatened. Currently, data are being gathered concerning essential habitat needs and, for some taxa, data concerning the precise boundaries for critical habitat designations. Development and publication of proposed rules on such species is anticipated.

Category 2 comprises taxa for which information now in possession of the Service indicates that proposing to list the species as endangered or threatened is possibly appropriate, but for which conclusive data on biological vulnerability and threat(s) are not currently available to support proposed rules at this time. Taxa in this category for which there have not been authenticated records since 1963 are indicated by an asterisk (\*); some of these are possibly extinct, but further biological research and field study are needed to ascertain their status with any confidence. It is likely that many of the taxa in this category will not warrant listing, while some will be found to be in greater danger of extinction than some taxa in category 1. It is hoped that this notice will encourage the necessary research on vulnerability and/or threats for these taxa.

Category 3 comprises taxa that are no longer being considered for listing as endangered or threatened. Such taxa are included in one of three subcategories depending on the reasons for removal from consideration.

3A. Taxa for which the Service has persuasive evidence of extinction. If rediscovered, however, such species might acquire high priority for listing. At this time, the best available information indicates that the taxa included in this category, or the habitats from which they were known, are in fact extinct or destroyed, respectively.

3B. Names that, on the basis of current taxonomic understanding, usually as represented in published revisions and monographs, do not represent taxa meeting the Act's definition of "species." Such supposed taxa could be reevaluated in the future on the basis of subsequent research.

3C. Taxa that have proven to be more abundant or widespread than was previously believed and/or those that are not subject to any identifiable threat. Should further research or changes in land use indicate significant

decline in any of these taxa, they may be reevaluated for possible inclusion in category 1 or 2.

The Service hereby solicits data concerning the taxa in the accompanying table. Especially sought is information—

(1) Indicating that a taxon would more properly be assigned to a category other than the one in which it appears;

(2) Nominating a taxon not included in the table;

(3) Recommending an area as critical habitat for a candidate taxon, or indicating why it would not be prudent to propose critical habitat for a taxon, or why critical habitat may not be determinable for a taxon;

(4) Documenting threats to any of the listed taxa;

(5) Pointing out taxonomic changes for any of the taxa;

(6) Suggesting new or more appropriate names; or

(7) Noting errors, such as in the indicated distributions.

The Service intends to consider all data received in response to this notice, to make appropriate amendments to the accompanying table, and to indicate

intentions with regard to future listing actions. Substantive changes in status may be announced by periodic notice in the Federal Register.

The following table is arranged in a general systematic order, beginning with sponges and ending with mollusks. For each taxon, the assigned category appears on the left, followed by the common name, the scientific name, the family name, and the known distribution, usually indicated by abbreviations of State names. For mollusks the authority and date for the scientific name is given, because of unusual instability in systematics of those groups. The species may no longer occur in some of the areas shown. Some taxa have been included that have not yet been formally described in the scientific literature. Such taxa are indicated by the abbreviation "sp." after the generic name, or "ssp." after the generic and specific names.

A provisional vernacular name in English or Hawaiian is given for most species. Some are vernacular names actually in common use, and in some groups whose systematics most need revision these are about as informative

as the current scientific name in Latin. Most of the taxa are rare, however, and the obscurity of many almost guarantees that no name has much history of use. Group names such as snail, amphipod, or dragonfly have been appended to many names to clarify distinctions from other invertebrates or plants with similar or confusing names; such extra qualifiers would probably be dropped from any name that came into truly common use. These provisional names may be changed or discarded if their use is later found to be inappropriate.

This notice was prepared by the zoologists in the Service's Office of Endangered Species in Washington that specialize in invertebrate species, and the Endangered Species Program staff of the Service's Regional Offices and Field Stations.

List of Subjects in 50 CFR Part 17

Endangered and threatened wildlife, Fish, Marine mammals, Plants (agriculture).

Dated: April 24, 1984.

G. Ray Arnett,  
Assistant Secretary for Fish and Wildlife and Parks.

Category and common name	Scientific name	Family	Distribution
<b>SPONGES</b>			
3B—Muscular sponges	<i>Anheteromyia biceps</i>	Spongillidae	MI.
2—Carolina sponge	<i>Corvomeyenia carolinensis</i>	Spongillidae	SC.
2—Oklawaha sponge	<i>Dosilia palmeri</i>	Spongillidae	FL, Mexico.
2—Kissimmee sponge	<i>Ephydatia subtilis</i>	Spongillidae	FL.
2—Pennsylvania sponge	<i>Heteromeyenia longistylis</i>	Spongillidae	PA.
2—Oneida sponge	<i>Spongilla heterostylita</i>	Spongillidae	NY.
3B—Spongy sponge	<i>Spongilla spongiosa</i>	Spongillidae	SC.
<b>FLATWORMS (Turbellaria)</b>			
2—(No common name)	<i>Kenkia mynchida</i>	Kenkiidae	OR.
2—(No common name)	<i>Macrocotyla glandulosa</i>	Kenkiidae	MO, IA.
2—(No common name)	<i>Procotyla typhlops</i>	Kenkiidae	MD, VA.
3A—Holsinger's groundwater planarian	<i>Sphalloplana holsingeri</i>	Planariidae	VA.
2—Refton Cave planarian	<i>Sphalloplana pricei</i>	Planariidae	PA.
3A—Bigger's groundwater planarian	<i>Sphalloplana subtilis</i>	Planariidae	VA.
<b>BRANCHIOPODS (Crustaceans, Subclass Branchiopoda)</b>			
2—Mono Lake brine shrimp	<i>Artemia monica</i>	Artemiidae	CA.
<b>ISOPODS (Crustaceans, Order Isopoda)</b>			
2—Clifton Cave isopod	<i>Caecidotia barni</i>	Aeolidae	KY.
2—Bat Cave isopod	<i>Caecidotia macropoda</i>	Aeolidae	OK.
2—Nickajack Cave isopod	<i>Caecidotia nickajackensis</i>	Aeolidae	TN.
2—Rye Cove Cave isopod	<i>Lirceus culven</i>	Aeolidae	VA.
2—Lee County Cave isopod	<i>Lirceus usdegalun</i>	Aeolidae	VA.
<b>AMPHIPODS (Crustaceans, Order Amphipoda)</b>			
2—Central Missouri cave amphipod	<i>Alicrangonyx hubrichti</i>	Crangonyctidae	MO.
2—Oklahoma cave amphipod	<i>Alicrangonyx pellucidus</i>	Crangonyctidae	OK.
3C—Kansas well amphipod	<i>Bectrunus hubrichti</i>	Crangonyctidae	KS, MO, OK.
3C—Anomalous spring amphipod	<i>Crangonyx anomatus</i>	Crangonyctidae	IN, KY, OH.
3C—Appalachian Valley cave amphipod	<i>Crangonyx antennatus</i>	Crangonyctidae	AL, IL, TN, VA.
2—Pennsylvania cava amphipod	<i>Crangonyx dsaroffi</i>	Crangonyctidae	MD, PA.
2—Florida cave amphipod	<i>Crangonyx grandimanus</i>	Crangonyctidae	FL.
2—Hobbs' cave amphipod	<i>Crangonyx hobbsi</i>	Crangonyctidae	FL.
3C—Minor cave amphipod	<i>Crangonyx minor</i>	Crangonyctidae	IA, IL, IN, MI, Canada.
3C—Packard's cave amphipod	<i>Crangonyx packardii</i>	Crangonyctidae	IN, KY.
2—Illinois cave amphipod	<i>Gammarus acherondytes</i>	Gammaridae	IL.
2—Bousfield's amphipod	<i>Gammarus bousfieldi</i>	Gammaridae	KY.
2—Noel's amphipod	<i>Gammarus desperatus</i>	Gammaridae	NM.
2—Diminutive amphipod	<i>Gammarus nyalloloides</i>	Gammaridae	TX.
2—Pecos amphipod	<i>Gammarus pecos</i>	Gammaridae	TX.
2—Kauai cave amphipod	<i>Speiseorciestia koloana</i>	Talitridae	HI.
3C—Allegheny cave amphipod	<i>Stygobromus</i> (= <i>Stygonectes</i> ) <i>alleganensis</i>	Crangonyctidae	MD, NY, PA.
2—Tidewater interstitial amphipod	<i>Stygobromus</i> (= <i>Apoecrangonyx</i> ) <i>araeus</i>	Crangonyctidae	VA.
2—Arizona cave amphipod	<i>Stygobromus arizonensis</i>	Crangonyctidae	AZ.

Category and common name	Scientific name	Family	Distribution
2—Balcones cave amphipod	<i>Stygobromus</i> (= <i>Stygonectes</i> ) <i>belconius</i>	Crangonyctidae	TX
2—Barr's cave amphipod	<i>Stygobromus</i> (= <i>Stygonectes</i> ) <i>barr</i>	Crangonyctidae	MO.
2—Bifurcated cave amphipod	<i>Stygobromus</i> (= <i>Stygonectes</i> ) <i>bifurcatus</i>	Crangonyctidae	TX
2—Bowman's cave amphipod	<i>Stygobromus</i> (= <i>Stygonectes</i> ) <i>bowmani</i>	Crangonyctidae	OK.
2—Clanton's cave amphipod	<i>Stygobromus</i> (= <i>Stygonectes</i> ) <i>clantoni</i>	Crangonyctidae	KS, MO.
2—Burnsville Cove cave amphipod	<i>Stygobromus</i> (= <i>Stygonectes</i> ) <i>conrad</i>	Crangonyctidae	VA.
2—Cooper's cave amphipod	<i>Stygobromus</i> (= <i>Stygonectes</i> ) <i>cooperi</i>	Crangonyctidae	WV.
2—Cascade Cave amphipod	<i>Stygobromus</i> (= <i>Stygonectes</i> ) <i>dejectus</i>	Crangonyctidae	TX.
2—Elevated Spring amphipod	<i>Stygobromus</i> (= <i>Stygonectes</i> ) <i>elatus</i>	Crangonyctidae	AR.
2—Greenbrier Cave amphipod	<i>Stygobromus</i> (= <i>Stygonectes</i> ) <i>emarginatus</i>	Crangonyctidae	MD, WV.
2—Ephemeral cave amphipod	<i>Stygobromus</i> (= <i>Apocrangonyx</i> ) <i>ephermus</i>	Crangonyctidae	VA.
3C—Central Kentucky cave amphipod	<i>Stygobromus exilis</i>	Crangonyctidae	AL, KY, TN.
2—Ezell's Cave amphipod	<i>Stygobromus</i> (= <i>Stygonectes</i> ) <i>flagellatus</i>	Crangonyctidae	TX.
3C—Shenandoah Valley cave amphipod	<i>Stygobromus</i> (= <i>Stygonectes</i> ) <i>gracilipes</i>	Crangonyctidae	MD, PA, VA, WV
2—Grady's cave amphipod	<i>Stygobromus gracii</i>	Crangonyctidae	CA.
2—Devil's Sinkhole amphipod	<i>Stygobromus</i> (= <i>Stygonectes</i> ) <i>hadenoecus</i>	Crangonyctidae	TX.
2—Hara's cave amphipod	<i>Stygobromus hara</i>	Crangonyctidae	CA.
2—(No common name)	<i>Stygobromus heteropodus</i>	Crangonyctidae	MO.
2—Mathew Cave amphipod	<i>Stygobromus hubbei</i>	Crangonyctidae	OR.
2—Tidewater amphipod	<i>Stygobromus</i> (= <i>Stygonectes</i> ) <i>identatus</i>	Crangonyctidae	VA.
3C—Iowa amphipod	<i>Stygobromus iowae</i>	Crangonyctidae	IA.
2—Long-legged cave amphipod	<i>Stygobromus</i> (= <i>Stygonectes</i> ) <i>longipes</i>	Crangonyctidae	TX.
3A—Rubious Cave amphipod	<i>Stygobromus</i> (= <i>Apocrangonyx</i> ) <i>lucifugus</i>	Crangonyctidae	IL.
2—MacKenzie's cave amphipod	<i>Stygobromus mackenzii</i>	Crangonyctidae	CA.
3C—Southwestern Virginia cave amphipod	<i>Stygobromus mackini</i>	Crangonyctidae	TN, VA.
2—Mountain cave amphipod	<i>Stygobromus</i> (= <i>Stygonectes</i> ) <i>montanus</i>	Crangonyctidae	AR.
2—Momsen's cave amphipod	<i>Stygobromus</i> (= <i>Stygonectes</i> ) <i>momseni</i>	Crangonyctidae	VA, WV.
2—Bath County cave amphipod	<i>Stygobromus</i> (= <i>Stygonectes</i> ) <i>mundus</i>	Crangonyctidae	VA.
2—Norton's cave amphipod	<i>Stygobromus</i> (= <i>Apocrangonyx</i> ) <i>nortoni</i>	Crangonyctidae	TN.
2—Oronodaga Cave amphipod	<i>Stygobromus oronodagaensis</i>	Crangonyctidae	MO.
3C—Oregon cave amphipod	<i>Stygobromus oregonensis</i>	Crangonyctidae	OR.
2—Ozark cave amphipod	<i>Stygobromus</i> (= <i>Stygonectes</i> ) <i>ozarkensis</i>	Crangonyctidae	AR, MO, OK.
2—Minute cave amphipod	<i>Stygobromus</i> (= <i>Apocrangonyx</i> ) <i>parvus</i>	Crangonyctidae	WV.
2—Peck's cave amphipod	<i>Stygobromus</i> (= <i>Stygonectes</i> ) <i>pecki</i>	Crangonyctidae	TX.
2—Pizzini's amphipod	<i>Stygobromus</i> (= <i>Stygonectes</i> ) <i>pizzini</i>	Crangonyctidae	DC, MD, PA, VA.
2—Wisconsin well amphipod	<i>Stygobromus putealis</i>	Crangonyctidae	WI.
2—Reddell's cave amphipod	<i>Stygobromus</i> (= <i>Stygonectes</i> ) <i>reddelli</i>	Crangonyctidae	TX.
2—Alabama well amphipod	<i>Stygobromus smithi</i>	Crangonyctidae	AL.
2—Spring cave amphipod	<i>Stygobromus</i> (= <i>Stygonectes</i> ) <i>spinatus</i>	Crangonyctidae	WV.
2—Stellmack's cave amphipod	<i>Stygobromus</i> (= <i>Stygonectes</i> ) <i>stellmachi</i>	Crangonyctidae	PA.
2—Subtle cave amphipod	<i>Stygobromus</i> (= <i>Apocrangonyx</i> ) <i>subtilis</i>	Crangonyctidae	IL, MO.
3C—Potomac groundwater amphipod	<i>Stygobromus</i> (= <i>Stygonectes</i> ) <i>tenuis potomacus</i>	Crangonyctidae	DC, MD, PA, VA.
2—Wengerers' cave amphipod	<i>Stygobromus wengerorum</i>	Crangonyctidae	CA.
<b>CRAYFISHES AND SHRIMPS (Crustaceans, Order Decapoda)</b>			
1—Shasta (= Placid) crayfish	<i>Pacifastacus fortis</i>	Astacidae	CA.
2—Alabama cave shrimp	<i>Palaemonias alabamae</i>	Atyidae	AL.
1—California freshwater shrimp	<i>Syncaris pacifica</i>	Atyidae	CA.
2—Mona cave shrimp	<i>Typhlatya monae</i>	Atyidae	PR, West Indies
2—(No common name)	<i>Cambarus batchi</i>	Cambaridae	KY.
2—Big South Fork crayfish	<i>Cambarus bouchardi</i>	Cambaridae	KY, TN.
2—Greensboro burrowing crayfish	<i>Cambarus catalpa</i>	Cambaridae	NC.
2—New River riffle crayfish	<i>Cambarus chasmodactylus</i>	Cambaridae	NC, VA, WV.
2—Chickamauga crayfish	<i>Cambarus extraneus</i>	Cambaridae	GA, TN.
2—Obey crayfish	<i>Cambarus obeyensis</i>	Cambaridae	TN.
3C—Conchas crayfish	<i>Orconectes deanae</i>	Cambaridae	NM.
2—Louisville crayfish	<i>Orconectes jeffersoni</i>	Cambaridae	KY.
2—Nashville crayfish	<i>Orconectes shoupi</i>	Cambaridae	TN.
2—Palm Springs Cave crayfish	<i>Procambarus acherontis</i>	Cambaridae	FL.
2—Pee Dee lotic crayfish	<i>Procambarus lepidodactylus</i>	Cambaridae	NC, SC.
2—(No common name)	<i>Procambarus connus</i>	Cambaridae	MS.
2—Texas cave shrimp	<i>Palaemonetes antrorum</i>	Palaemonidae	TX.
1—Squirrel Chimney cave shrimp	<i>Palaemonetes cummingsi</i>	Palaemonidae	FL.
<b>SPIDERS (Arachnids, Order Aranea)</b>			
2—Dolloff Cave spider	<i>Meta dolloff</i>	Araneidae	CA.
2—Torreya trap-door spider	<i>Cyclocosmia torreya</i>	Ctenizidae	FL.
2—Key gnaphosid spider	<i>Cesonia irvingi</i>	Gnaphosidae	FL.
2—Kauai cave wolf spider (pe'e pe'e maka 'oie)	<i>Adelocosa anops</i>	Lycosidae	HI.
2—Rosemary wolf spider	<i>Lycosa enceticola</i>	Lycosidae	FL.
2—Lake Placid funnel wolf spider	<i>Sosippus piccidus</i>	Lycosidae	FL.
2—Santa Cruz telemian spider	<i>Telemia</i> sp. (undescribed)	Telemidae	CA.
<b>PSEUDOSCORPIONS (Arachnids, Order Pseudoscorpiones)</b>			
2—Empire Cave pseudoscorpion	<i>Microcreagnis imperialis</i>	Neobisiidae	CA.
<b>ROCKHOPPERS AND BRISTLETAILS (Insects, Order Archeognatha)</b>			
2—Hawaiian long-palp bristletail	<i>Machiloides heteropus</i>	Machilidae	HI.
2—Perkin's club-palp bristletail	<i>Machiloides perkinsi</i>	Machilidae	HI.
<b>MAYFLIES (Insects, Order Ephemeroptera)</b>			
2—Berner's two-winged mayfly	<i>Heterocleone berneri</i>	Baetidae	GA.
2—American sand-burrowing mayfly	<i>Dolania americana</i>	Behningiidae	FL, GA, SC, NC.
2*—Yellow brachycercus mayfly	<i>Brachycercus flavus</i>	Caenidae	LA*.
2*—Frison's ceratellan mayfly	<i>Ceratella frisoni</i>	Ephemerellidae	AL*, IL*.
2*—Spiculate ceratellan mayfly	<i>Ceratella spiculosa</i>	Ephemerellidae	TN*, NC*.
2—Argo ephemerellid mayfly	<i>Ephemerella argo</i>	Ephemerellidae	IL, IN.
2*—Colorado burrowing mayfly	<i>Ephemerella compar</i>	Ephemeridae	CO*.
2*—West Virginia burrowing mayfly	<i>Ephemerella triplex</i>	Ephemeridae	WV*.
3A—Robust pentagenian burrowing mayfly	<i>Pentagenia robusta</i>	Ephemeridae	OH*.
2—Mendon blackwater mayfly	<i>Pseudonon mendonialis</i>	Heptageniidae	FL, GA.

Category and common name	Scientific name	Family	Distribution
2—Cahaba sand-filtering mayfly	<i>Homocoeurus cahabensis</i>	Oligoneuridae	AL, MS.
2—Blackwater sand-filtering mayfly	<i>Homocoeurus dolani</i>	Oligoneuridae	FL, GA, SC.
3A—Pecatonica River mayfly	<i>Acanthameletus pecatonica</i>	Siphonuridae	IL*
2—False amelethus mayfly	<i>Ameletus falsei</i>	Siphonuridae	AZ*
2—Diverse isonymian mayfly	<i>Isonychia diversa</i>	Siphonuridae	TN*
<b>DRAGONFLIES AND DAMSELFLIES (Insects, Order Odonata)</b>			
2—Barrens bluet damselfly	<i>Enallagma resurvetum</i>	Coenagrionidae	MA, NY, NJ.
1—San Francisco forktail damselfly	<i>Isonychia gemma</i>	Coenagrionidae	CA.
2—Adytum megalagrion damselfly	<i>Megalagrion adytum</i>	Coenagrionidae	HI.
2—Fallax megalagrion damselfly	<i>Megalagrion emmaudrydium fallax</i>	Coenagrionidae	HI*
2—Fele megalagrion damselfly	<i>Megalagrion emmaudrydium fele</i>	Coenagrionidae	HI*
2—Waianae megalagrion damselfly	<i>Megalagrion emmaudrydium waianaeum</i>	Coenagrionidae	HI*
3A—Jugorum megalagrion damselfly	<i>Megalagrion jugorum</i>	Coenagrionidae	HI*
2—Leptodemas megalagrion damselfly	<i>Megalagrion leptodemas</i>	Coenagrionidae	HI.
2—Mokokai megalagrion damselfly	<i>Megalagrion mokokaiense</i>	Coenagrionidae	HI.
3A—Nesiotis megalagrion damselfly	<i>Megalagrion nesiotis</i>	Coenagrionidae	HI*
2—Nigrohmatum megalagrion damselfly	<i>Megalagrion nigrohmatum</i>	Coenagrionidae	HI.
2—Blackline megalagrion damselfly	<i>Megalagrion nigrolineatum</i>	Coenagrionidae	HI.
2—Oahu megalagrion damselfly	<i>Megalagrion oahuense</i>	Coenagrionidae	HI.
2—Oceanic megalagrion damselfly	<i>Megalagrion oceanicum</i>	Coenagrionidae	HI.
2—Pacific megalagrion damselfly	<i>Megalagrion pacificum</i>	Coenagrionidae	HI.
2—Orange-black megalagrion damselfly	<i>Megalagrion xanthometes</i>	Coenagrionidae	HI.
1—Say's spiketail dragonfly	<i>Cordulegaster sayi</i>	Cordulegasteridae	FL, GA.
2—Apalachicola twilight skimmer dragonfly	<i>Neurocordulia clara</i>	Cordulidae	AL, FL.
2—Ohio emerald dragonfly	<i>Somaesochore hineana</i>	Cordulidae	OH*, IN*.
2—Big Thicket emerald dragonfly	<i>Somaesochore margarita</i>	Cordulidae	TX.
2—Banded bog skimmer dragonfly	<i>Williamsonia fitzingeri</i>	Cordulidae	NY, NJ, MA, RI, NH.
2—Sandhill clubtail dragonfly	<i>Gomphus (= Hylogomphus) carolinus</i>	Gomphidae	NC, SC.
3B—Rifle clubtail (syn.)	<i>Gomphus adelphus (= G. brevis)</i>	Gomphidae	MA, NY.
2—Cherokee clubtail dragonfly	<i>Gomphus consanguis</i>	Gomphidae	SC, AL, NC, TN, VA.
2—Tennessee clubtail dragonfly	<i>Gomphus sandhill</i>	Gomphidae	TN.
2—Septima's clubtail dragonfly	<i>Gomphus septima</i>	Gomphidae	AL, NC.
2—Bronze clubtail dragonfly	<i>Gomphus townei</i>	Gomphidae	FL, AL, SC, NC, TN.
2—Edmund's snaketail dragonfly	<i>Ophiogomphus edmunds</i>	Gomphidae	NC*.
2—Midget snaketail dragonfly	<i>Ophiogomphus howei</i>	Gomphidae	MA*, NY, PA, VA, KY, NC, TN.
2—Alleghany snaketail dragonfly	<i>Ophiogomphus incurvus alleghaniensis</i>	Gomphidae	WV, VA, AL, TN*.
2—Vanelegated clubtail dragonfly	<i>Progomphus belli</i>	Gomphidae	FL, NC.
2—Wabash belted skimmer dragonfly	<i>Macromia wabashensis</i>	Macromiidae	OH*, IN* TX.
<b>STONEFLIES (Insects, Order Plecoptera)</b>			
2—Lake Tahoe benthic stonefly	<i>Capnia lacustris</i>	Capniidae	CA, NV.
3A—Robert's allopertian stonefly	<i>Alloperla roberti</i>	Chloroperlidae	IL*.
2—Schoolhouse Springs leuctran stonefly	<i>Leuctra szczytkoi</i>	Leuctridae	LA.
2—Meltwater lednian stonefly	<i>Lednia tumana</i>	Nemouridae	MT.
2—Wahkeena Falls flightless stonefly	<i>Nemoura wahkeena</i>	Nemouridae	OR.
2—Fender's soliperlan stonefly	<i>Soliperla fenderi</i>	Peltoperlidae	WA.
2—Georgia beloneurian stonefly	<i>Beloneuria georgiana</i>	Perlidae	GA, NC.
2—Cheaha beloneurian stonefly	<i>Beloneuria jamesae</i>	Perlidae	AL.
2—Hanson's appalachian stonefly	<i>Hansonoperla appalachia</i>	Perlidae	TN, MA.
2—Leon River taeniopteryx stonefly	<i>Taeniopteryx starki</i>	Taeniopterygidae	TX.
<b>GRASSHOPPERS, CRICKETS AND KATYDIDS (Insects, Order Orthoptera)</b>			
2—Idaho point-headed grasshopper	<i>Acrotophthus pulchellus</i>	Acrididae	ID.
2—Michigan bog grasshopper	<i>Appalachia arcana</i>	Acrididae	MI.
2—Siskiyou chloaeitis grasshopper	<i>Chloaeitis aspasma</i>	Acrididae	OR.
2—Superb spharagemon grasshopper	<i>Spharagemon superbum</i>	Acrididae	TX*, OK*
2—Pinaleno monkey grasshopper	<i>Eumorsea pinaleno</i>	Eumastacidae	AZ.
2—Desert monkey grasshopper	<i>Psychomastix deserticola</i>	Eumastacidae	CA/NV.
2—Howarth's cave cricket	<i>Caconemobius howarthi</i>	Gryllidae	HI.
2—Schaunsland's bush cricket	<i>Caconemobius schauinslandi</i>	Gryllidae	HI.
2—Kaumana Cave cricket	<i>Caconemobius varius</i>	Gryllidae	HI.
2—Keys scaly cricket	<i>Cycloptilum irregulare</i>	Gryllidae	FL.
2—Prairie mole cricket	<i>Gryllotalpa major</i>	Gryllidae	KS*, IL*, MO*, MS*, OK*.
2—Oahu deceptor bush cricket	<i>Leptogryllus deceptor</i>	Gryllidae	HI.
2—Larcis tree cricket	<i>Oecanthus larcis</i>	Gryllidae	MI/OH.
2—Volcanoes cave cricket	<i>Thaumetogryllus cavicola</i>	Gryllidae	HI.
2—Kauai thin-footed bush cricket	<i>Thaumetogryllus variopatus</i>	Gryllidae	HI.
2—Arizona giant sand treader cricket	<i>Daihinibaenetes arizonensis</i>	Rhaphidophoridae	AZ.
2—Kelso giant sand treader cricket	<i>Macrobaenetes kelsoensis</i>	Rhaphidophoridae	CA.
2—Coachella giant sand treader cricket	<i>Macrobaenetes vulgum</i>	Rhaphidophoridae	CA.
2—Samwell Cave cricket	<i>Pristocephalophorus sp.</i>	Rhaphidophoridae	CA.
2—Tanner's black camel cricket	<i>Utahbaenetes tanneri</i>	Rhaphidophoridae	UT.
2—Kelso Jerusalem cricket	<i>Amnopolmatius kelsoensis</i>	Stenopelmatoidea	CA.
2—Port Conception Jerusalem cricket	<i>Amnopolmatius musu</i>	Stenopelmatoidea	CA.
2—Coachella Valley Jerusalem cricket	<i>Stenopelmatus californiensis</i>	Stenopelmatoidea	CA.
2—Navajo Jerusalem cricket	<i>Stenopelmatus navajo</i>	Stenopelmatoidea	AZ.
2—Sierra pygmy grasshopper	<i>Tetrix sierrana</i>	Tetrigidae	CA.
2—Torrey pygmy grasshopper	<i>Tetrigidae empedonepe</i>	Tetrigidae	FL.
2—Nihoa banza conehead katydid	<i>Banza nihoe</i>	Tettigoniidae	HI.
2—Big Pine Key conehead katydid	<i>Beloccephalus micanopy</i>	Tettigoniidae	FL.
2—Keys short-winged conehead katydid	<i>Beloccephalus slayghti</i>	Tettigoniidae	FL.
3A—Remote conehead katydid	<i>Conocephalodes remotus</i>	Tettigoniidae	HI*.
2—Middlekauf's shieldback katydid	<i>Idiostatus middlekaufi</i>	Tettigoniidae	CA.
3A—Antioch Dunes shieldback katydid	<i>Neduba extincta</i>	Tettigoniidae	CA*.
2—Santa Monica shieldback katydid	<i>Neduba longipennis</i>	Tettigoniidae	CA.
<b>COCKROACHES (Insects, Order Blattodes)</b>			
2—Tuna cave roach	<i>Aspiduchus cavernicola</i>	Blattidae	PR.
<b>ZOROPTERANS (Insects, Order Zoroptera)</b>			
2—Swezey's zoropteran	<i>Zorotypus swezeyi</i>	Zorotypidae	HI.

Category and common name	Scientific name	Family	Distribution
<b>TRUE BUGS (Insects, Order Hemiptera)</b>			
2—Saratoga Springs belostomatid bug	<i>Belostoma saratogae</i>	Belostomatidae	CA
2—Mauna Loa metatargan seed bug	<i>Metatarga obscuro</i>	Lygaeidae	HI
2—Kauai band-legged nysius seed bug	<i>Nysius alternatus</i>	Lygaeidae	HI
2—Mt. Haleakala nysius seed bug	<i>Nysius haleakalae</i>	Lygaeidae	HI
2—Vilosan flightless seed bug	<i>Nesocryptus villosus</i>	Lygaeidae	HI
2—French Frigate Shoals nysius seed bug	<i>Nysius frigateensis</i>	Lygaeidae	HI
2—Fullaway's nysius seed bug	<i>Nysius fullawayi</i>	Lygaeidae	HI
2—Necker goosefoot nysius seed bug	<i>Nysius neckerensis</i>	Lygaeidae	HI
2—Nihoa nysius seed bug	<i>Nysius nihoae</i>	Lygaeidae	HI
2—Necker bunchgrass nysius seed bug	<i>Nysius suffusus</i>	Lygaeidae	HI
2—Bryan's oceanides seed bug	<i>Oceanides bryani</i>	Lygaeidae	HI
2—Perkins' oceanides seed bug	<i>Oceanides perkinsi</i>	Lygaeidae	HI
2—Rough-headed oceanides seed bug	<i>Oceanides rugosiceps</i>	Lygaeidae	HI
2—Dry Creek cliff strider bug	<i>Oravelia pege</i>	Macrovelidae	CA
2—Aaa water treader bug	<i>Caraticovelia aaa</i>	Mesovelidae	HI
3A—Phytostegian leaf bug	<i>Cyrtopelta (=Ergyatus) phytostegiae</i>	Miridae	HI
2—Lanai kalerian leaf bug	<i>Kaleria hawaiiensis</i>	Miridae	HI
2—Oahu kalerian leaf bug	<i>Kaleria sp. (undescribed)</i>	Miridae	HI
1—Ash Meadows naucorid bug	<i>Ambrysus amargosus</i>	Naucoridae	NV
2—Amargosa naucorid bug	<i>Pelocoris shoshone</i>	Naucoridae	CA, NV
2—Pulchrus thread bug	<i>Empicoris pulchrus</i>	Reduviidae	HI
2—Ana wingless thread bug	<i>Nesidolestes ana</i>	Reduviidae	HI
2—Mt. Tantalus wingless thread bug	<i>Nesidolestes insularis</i>	Reduviidae	HI
2—Robert's wingless thread bug	<i>Nesidolestes roberti</i>	Reduviidae	HI
2—Selium wingless thread bug	<i>Nesidolestes selium</i>	Reduviidae	HI
2—Smith's sicellan reduviid bug	<i>Sicella smithi</i>	Reduviidae	HI
2—Annectans rhopalid bug	<i>Ithamar annectans</i>	Rhopalidae	HI
2—Hawaiian rhopalid bug	<i>Ithamar hawaiiense</i>	Rhopalidae	HI
<b>CICADAS AND ALLES (Insects, Order Homoptera)</b>			
3A—Red-veined prairie leafhopper	<i>Felixania rubranura</i>	Cicadellidae	IL*
2—Kauai part-colored oltarus planthopper	<i>Oltarus consimilis</i>	Cixiidae	HI
2—Oltarus wild cotton planthopper	<i>Oltarus discrepans</i>	Cixiidae	HI
2—Lanai oltarus planthopper	<i>Oltarus lanaiensis</i>	Cixiidae	HI
2—Lihue oltarus planthopper	<i>Oltarus lihue</i>	Cixiidae	HI
2—Barber's Point oltarus planthopper	<i>Oltarus myoporicola</i>	Cixiidae	HI
2—Priolan oltarus planthopper	<i>Oltarus priolan</i>	Cixiidae	HI
2—Mt. Tantalus short-wing fern planthopper	<i>Nesorestias filicicola</i>	Delphacidae	HI
2—Iao Valley nesosydne planthopper	<i>Nesosydne acuta</i>	Dphacidae	HI
2—Bridewell's nesosydne planthopper	<i>Nesosydne bridewelli</i>	Dphacidae	HI
2—Nahiku nesosydne planthopper	<i>Nesosydne cyrtandrac</i>	Dphacidae	HI
2—Glenwood nesosydne planthopper	<i>Nesosydne cyrtandracola</i>	Dphacidae	HI
2—Kusche's nesosydne planthopper	<i>Nesosydne kuschei</i>	Dphacidae	HI
2—Diamond Head nesosydne planthopper	<i>Nesosydne leahi</i>	Dphacidae	HI
2—Long-footed nesosydne planthopper	<i>Nesosydne longipes</i>	Dphacidae	HI
2—Keanee nesosydne planthopper	<i>Nesosydne sulcata</i>	Dphacidae	HI
<b>LACEWINGS AND ALLIES (Insects, Order Neuroptera)</b>			
2—Haleakala nesothauman spongillafly	<i>Nesothauma haleakalae</i>	Hemerobiidae	HI
2—Cooke's pseudopsectran spongillafly	<i>Pseudopsectra cookeorum</i>	Hemerobiidae	HI
2—Lobe-wing pseudopsectran spongillafly	<i>Pseudopsectra lobipennis</i>	Hemerobiidae	HI
2—Swezey's pseudopsectran spongillafly	<i>Pseudopsectra swezeyi</i>	Hemerobiidae	HI
2—Usinger's pseudopsectran spongillafly	<i>Pseudopsectra usingeri</i>	Hemerobiidae	HI
2—(No common Name) spongillafly	<i>Otharcas clara</i>	Ithonidae	CA
2—Molokai antlion	<i>Eidoleon perjurus</i>	Myrmeleontidae	HI
<b>BETTLERS (Insects, Order Coleoptera)</b>			
2—Piko anobid beetle	<i>Holcobius pikoiensis</i>	Anobiidae	HI
2—Antioch Dunes anthicid beetle	<i>Anthicus antiochenis</i>	Anthicidae	CA
2—Sacramento anthicid beetle	<i>Anthicus sacramento</i>	Anthicidae	CA
2—Beiler's ground beetle	<i>Agonum beileri</i>	Carabidae	WA
2—Schaum's Blue Ridge ground beetle	<i>Sphaeroderus schaumii shenandoah</i>	Carabidae	VA
3C—Mojave rabbitbrush longhorn beetle	<i>Crossidius mojaviensis mojaviensis</i>	Cerambycidae	CA
2—Six-banded longhorn beetle	<i>Dryobius sexnotatus</i>	Cerambycidae	MD, MS, OH, PA, AL*, AR*, IN*, KS*, KY*, LA*, MI*, MO*, TN*, VA*
2—Rude's longhorn beetle	<i>Necydalis rudei</i>	Cerambycidae	CA
2—Hawaiian <i>Plagithymys</i> longhorn beetles	<i>Plagithymys</i> (Genus, about 43 spp.)	Cerambycidae	HI
2*—Bog idol leaf beetle	<i>Donacia idola</i>	Chrysomelidae	WA*
2—Idaho dunes tiger beetle	<i>Cicindela arenicola</i>	Cicindelidae	ID
2*—Cazier's tiger beetle	<i>Cicindela cazieri</i>	Cicindelidae	TX*
2*—Smyth's tiger beetle	<i>Cicindela chlorocephala smythi</i>	Cicindelidae	TX*
2—Columbia River tiger beetle	<i>Cicindela columbica</i>	Cicindelidae	ID, WA, OR*
2—Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>	Cicindelidae	MA, MD, NY, NJ, RI, PA*
2*—Oblivious tiger beetle	<i>Cicindela latesignata obliuosa</i>	Cicindelidae	CA*
2—Coral Pink Dunes tiger beetle	<i>Cicindela limbata albissima</i>	Cicindelidae	UT
2—Cobblestone tiger beetle	<i>Cicindela marginipennis</i>	Cicindelidae	NH, VT, NY, NJ, OH, PA, WV*, MS
2—Los Olmos tiger beetle	<i>Cicindela nevadica olmosa</i>	Cicindelidae	TX, NM, Mexico?
2*—Subtropical blue-black tiger beetle	<i>Cicindela nigrocaerulea subtropicala</i>	Cicindelidae	TX*
2*—Neojuvenile tiger beetle	<i>Cicindela obsolleta neojuvenalis</i>	Cicindelidae	TX*
2—Puntan tiger beetle	<i>Cicindela purilana</i>	Cicindelidae	MD, CT? MA*, NH*, NH*, VT
2—Greenest tiger beetle	<i>Cicindela tranquebarica vindissima</i>	Cicindelidae	CA
2—Oahu nesotes weevil	<i>Deinocoelonus nesotes</i>	Curculionidae	HI
3C—Antioch Dune weevil	<i>Dysticheus rotundicollis</i>	Curculionidae	CA
2—Oahu heteramphus fern weevil	<i>Heteramphus filicum</i>	Curculionidae	HI
2—Nelson's miloderes weevil	<i>Miloderes nelsoni</i>	Curculionidae	CA
2—Ruiens miloderes weevil	<i>Miloderes ruieni</i>	Curculionidae	NV
2—Gifford's nesotocus weevil	<i>Nesotocus giffordi</i>	Curculionidae	HI
2*—Kauai nesotocus weevil	<i>Nesotocus kauaiensis</i>	Curculionidae	HI*
2—Munro's nesotocus weevil	<i>Nesotocus munro</i>	Curculionidae	HI
2—Lange's El Segundo Dune weevil	<i>Onchobarus langei</i>	Curculionidae	CA
2—Windward Chain <i>Oodemas</i> weevils	<i>Oodemas</i> , 4 spp.	Curculionidae	HI
2—Blackburn's pentarthrum weevil	<i>Pentarthrum blackburni</i>	Curculionidae	HI

Category and common name	Scientific name	Family	Distribution
2—Obscure pentarthrum weevil	<i>Pentarthrum obscurum</i>	Curculionidae	HI.
2—Hawaiian <i>Rhyncoogonus</i> snout beetles	<i>Rhyncoogonus</i> (Genus, 23 spp.)	Curculionidae	HI.
2— <i>Niho</i> stenotrupis weevil	<i>Stenotrupis pritchardiae</i>	Curculionidae	HI.
2*—Brown-tassel trigonoscuta weevil	<i>Trigonoscuta brunnotessellata</i>	Curculionidae	CA*
2—Dorothy's El Segundo Dune weevil	<i>Trigonoscuta dorothyae</i>	Curculionidae	CA.
1—Doyen's trigonoscuta dune weevil	<i>Trigonoscuta doyenii</i>	Curculionidae	CA.
3A—Fort Ross trigonoscuta weevil	<i>Trigonoscuta rossi</i>	Curculionidae	CA*
3A—Yorba Linda trigonoscuta weevil	<i>Trigonoscuta yorbalindae</i>	Curculionidae	CA*
2—Death Valley agabus diving beetle	<i>Agabus rumpfi</i>	Dytiscidae	CA, NV?
2*—Fig seed diving beetle	<i>Desmopachria cemebrans</i>	Dytiscidae	FL*
2—Texas cave dytiscid beetle	<i>Haideoporus texanus</i>	Dytiscidae	TX.
2*—Elusive hydroporus diving beetle	<i>Hydroporus elusius</i>	Dytiscidae	NH*
2—Folkerts' hydroporus diving beetle	<i>Hydroporus folkertsi</i>	Dytiscidae	AL.
2—Woolly hydroporus diving beetle	<i>Hydroporus hirsutus</i>	Dytiscidae	CA.
2—Leech's skyline diving beetle	<i>Hydroporus leechi</i>	Dytiscidae	CA.
2—Simple hydroporus diving beetle	<i>Hydroporus simplex</i>	Dytiscidae	CA.
2—Spangler's hydroporus diving beetle	<i>Hydroporus spangleri</i>	Dytiscidae	UT.
2*—Sulphur Springs hydroporus diving beetle	<i>Hydroporus sulphureus</i>	Dytiscidae	AR*
2—Utah hydroporus diving beetle	<i>Hydroporus utahensis</i>	Dytiscidae	UT.
3A—Mono Lake hygrotus diving beetle	<i>Hygrotus artus</i>	Dytiscidae	CA.
2—Curved-foot hygrotus diving beetle	<i>Hygrotus curvipes</i>	Dytiscidae	CA.
2—Narrow-foot hygrotus diving beetle	<i>Hygrotus diversipes</i>	Dytiscidae	WY.
2—Traverine band-thigh diving beetle	<i>Hygrotus fontinalis</i>	Dytiscidae	CA.
2—Sylvan hygrotus diving beetle	<i>Hygrotus sylvanus</i>	Dytiscidae	MN, NY*
2—Hatch's click beetle	<i>Eanus hatchi</i>	Elaeteridae	WA, Canada?
2—Hawaiian <i>Eopenthes</i> click beetles	<i>Eopenthes</i> (Genus, 17 spp.)	Elaeteridae	HI.
2—Necker <i>Itodacrus</i> click beetles	<i>Itodacrus</i> , 2 spp.	Elaeteridae	HI.
2—Wawona riffle beetle	<i>Atractelmis wawona</i>	Elmidae	CA.
2—Parker's cycloopus riffle beetle	<i>Cyloopus parkeri</i>	Elmidae	AZ.
2—Brownish dubiraphian riffle beetle	<i>Dubiraphia brunnescens</i>	Elmidae	CA.
2—Giuliani's dubiraphian riffle beetle	<i>Dubiraphia giuliani</i>	Elmidae	CA.
2—Little dubiraphian riffle beetle	<i>Dubiraphia parva</i>	Elmidae	OK, LA.
2—Robust dubiraphian riffle beetle	<i>Dubiraphia robusta</i>	Elmidae	WI.
2—Dubiraphian riffle beetle (undescribed)	<i>Dubiraphia</i> sp. (undescribed)	Elmidae	ME.
2—Stephan's heterelmis riffle beetle	<i>Heterelmis stephani</i>	Elmidae	AZ.
2—Marron's San Carlos riffle beetle	<i>Huleechius marroni carolus</i>	Elmidae	AZ.
2—Brown's microcyloopus riffle beetle	<i>Microcyloopus browni</i>	Elmidae	MT.
2—Brown's optioservus riffle beetle	<i>Optioservus browni</i>	Elmidae	AR.
2—Pinnacles optioservus riffle beetle	<i>Optioservus canis</i>	Elmidae	CA.
2—Scott optioservus riffle beetle	<i>Optioservus phaeus</i>	Elmidae	KS.
2—Devil's Hole warm spring riffle beetle	<i>Stenelmis calida calida</i>	Elmidae	NV.
2—Moapa warm springs riffle beetle	<i>Stenelmis calida moapa</i>	Elmidae	NV.
2—Douglas stenelmis riffle beetle	<i>Stenelmis douglasensis</i>	Elmidae	MI.
2—Gammon's stenelmis riffle beetle	<i>Stenelmis gammoni</i>	Elmidae	NC.
2*—Warm spring zaitzeva riffle beetle	<i>Zaitzeva tharsae</i>	Elmidae	MT*
2—Beer's false water penny beetle	<i>Acneus beeri</i>	Eubriidae	OR.
2—Burnell's false water penny beetle	<i>Acneus burnelli</i>	Eubriidae	OR.
2—Stark's false water penny beetle	<i>Alabameubria starki</i>	Eubriidae	AL.
2—Variegated false water penny beetle	<i>Dicranopselaphus variegatus</i>	Eubriidae	IL.
2*—Dohrn's elegant eucnemid beetle	<i>Palaecenus dohrni</i>	Eucnemidae	CA*
2—Red Hills unique whirlingig beetle	<i>Spanglercygnus albiventris</i>	Gyrinidae	AL.
2—Hungerford's crawling water beetle	<i>Brychius hungerfordi</i>	Halipidae	MI.
2*—Disjunct crawling water beetle	<i>Halipus nitens</i>	Halipidae	TX*, Canada?
2—Maureen's gymnoctebius minute moss beetle	<i>Gymnoctebius maurenae</i>	Hydraenidae	MS.
2—Maureen's hydraenan minute moss beetle	<i>Hydraena maurenae</i>	Hydraenidae	VA.
2—Animas limnebius minute moss beetle	<i>Limnebius aridus</i>	Hydraenidae	NM.
2—Texas limnebius minute moss beetle	<i>Limnebius texanus</i>	Hydraenidae	TX.
2—Utah Limnebius minute moss beetle	<i>Limnebius utahensis</i>	Hydraenidae	UT.
2—Wing-shoulder minute moss beetle	<i>Ochthebius crassalis</i>	Hydraenidae	CA.
2—Indiana ochthebius minute moss beetle	<i>Ochthebius putnamensis</i>	Hydraenidae	IN.
2—Wilbur Springs minute moss beetle	<i>Ochthebius reticulatus</i>	Hydraenidae	CA.
2—Leech's chaetarthritis water scavenger beetle	<i>Chaetarthritis leechi</i>	Hydrophilidae	CA.
2—Utah chaetarthrian water scavenger beetle	<i>Chaetarthritis utahensis</i>	Hydrophilidae	UT.
2—Arizona cymbiodytan water scavenger beetle	<i>Cymbiodytia arizonica</i>	Hydrophilidae	AZ.
2—Ricksecker's water scavenger beetle	<i>Hydrochares rickseckeri</i>	Hydrophilidae	CA.
2—Seclusive water scavenger beetle	<i>Paracymus seclusus</i>	Hydrophilidae	MS.
2—Florida intertidal firefly	<i>Micronaspis floridana</i>	Lampyridae	FL.
2—Everglades brownwing firefly	<i>Photuris brunneipennis floridana</i>	Lampyridae	FL.
2—Turtle Mound firefly	<i>Photuris</i> sp. (undescribed)	Lampyridae	FL.
2—Blind cave leiodid beetle	<i>Glacivicolia bathysciodes</i>	Leiodidae	ID.
2—Kauai flightless stag beetle	<i>Apterocyclus honoluluensis</i>	Lucanidae	HI.
2—Hopping's blister beetle	<i>Lytta hoppingi</i>	Meloidae	CA.
2*—Moisave Desert blister beetle	<i>Lytta inseperata</i>	Meloidae	CA*
2—Anthony blister beetle	<i>Lytta mirifica</i>	Meloidae	NM*, Mexico.
2*—Moestan blister beetle	<i>Lytta moesta</i>	Meloidae	CA*
2—Molestan blister beetle	<i>Lytta molesta</i>	Meloidae	CA.
2—Mormon's blister beetle	<i>Lytta mormoni</i>	Meloidae	CA.
2—Hawaiian proterhinid beetles	<i>Proterhinus</i> (Genus, 72 spp.)	Proterhinidae	HI.
2—Arizona water penny beetle	<i>Psephenus arizonensis</i>	Psephenidae	AZ.
2—White Mountains water penny beetle	<i>Psephenus montanus</i>	Psephenidae	AZ.
2—Ciervo aegialian scarab beetle	<i>Aegialia concinna</i>	Scarabaeidae	CA.
2—Crescent-Dune aegialian scarab beetle	<i>Aegialia crescenta</i>	Scarabaeidae	NV.
2—Hardy's aegialian scarab beetle	<i>Aegialia hardyi</i>	Scarabaeidae	NV.
2—Large aegialian scarab beetle	<i>Aegialia magna</i>	Scarabaeidae	NV.
2*—Exiguous anomala scarab beetle	<i>Anomala exigua</i>	Scarabaeidae	FL*
2—Archbold anomala scarab beetle	<i>Anomala aximia</i>	Scarabaeidae	FL.
2*—Tibial anomala scarab beetle	<i>Anomala tibialis</i>	Scarabaeidae	TX*
2—Ford's aphodius scarab beetle	<i>Aphodius fordi</i>	Scarabaeidae	GA.
2—Aphodius tortoise commensal scarab beetle	<i>Aphodius troglodytes</i>	Scarabaeidae	FL, SC.
2—Big Pine Key ataenius dung beetle	<i>Ataenius superciliaris</i>	Scarabaeidae	FL.
2—Woodruff's ataenius dung beetle	<i>Ataenius woodruffi</i>	Scarabaeidae	FL.
2—Copris tortoise commensal scarab beetle	<i>Copris gopheri</i>	Scarabaeidae	FL.
2*—Miami roundhead scarab beetle	<i>Cyclocephala miamiensis</i>	Scarabaeidae	FL*
2—Keiso Dune glareis scarab beetle	<i>Glareis arenata</i>	Scarabaeidae	CA.

Category and common name	Scientific name	Family	Distribution
2—Spiny Florida sandhill scarab beetle.....	<i>Gronocarus multispinosus</i>	Scarabaeidae.....	FL
2—White sand bear scarab beetle.....	<i>Lichnanthe albopilosa</i>	Scarabaeidae.....	CA
2—Pacific sand bear scarab beetle.....	<i>Lichnanthe ursina</i>	Scarabaeidae.....	CA
2—Scrub island burrowing scarab beetle.....	<i>Mycotrupes pedestris</i>	Scarabaeidae.....	FL
2—Onthophagus tortoise commensal scarab beetle.....	<i>Onthophagus polyphemus</i>	Scarabaeidae.....	SC, GA, FL, AL, MS
2—Ocala burrowing scarab beetle.....	<i>Pelitotrupes youngi</i>	Scarabaeidae.....	FL
2—Woolly Gulf dune scarab beetle.....	<i>Polylamina pubescens</i>	Scarabaeidae.....	FL
2—Saine Valley snow-front scarab beetle.....	<i>Polyphylla anterorivae</i>	Scarabaeidae.....	CA
2—Spotted Warner Valley Dunes scarab beetle.....	<i>Polyphylla avittata</i>	Scarabaeidae.....	UT
2—Barbate polyphyllan scarab beetle.....	<i>Polyphylla barbata</i>	Scarabaeidae.....	CA
2—Atascadero polyphyllan scarab beetle.....	<i>Polyphylla nubila</i>	Scarabaeidae.....	CA
2—Andrews' dune scarab beetle.....	<i>Pseudocotalpa andrewsi</i>	Scarabaeidae.....	CA, Mexico
2—Giuliani's dune scarab beetle.....	<i>Pseudocotalpa giuliani</i>	Scarabaeidae.....	NV
2—Frost's spring serican scarab beetle.....	<i>Serica frosti</i>	Scarabaeidae.....	FL
2—Tartalia sengan scarab beetle.....	<i>Serica tartalia</i>	Scarabaeidae.....	FL
2—Scrub palmetto flower scarab beetle.....	<i>Trigonopelastes floridana</i>	Scarabaeidae.....	FL
2—Caracara commensal scarab beetle.....	<i>Trox howelli</i>	Scarabaeidae.....	FL
2—American burying beetle.....	<i>Nicrophorus americanus</i>	Silphidae.....	KY, IN, MI, MO, RI, Canada, AL*, AR*, CT*, DC*, FL*, GA*, IA*, IL*, KS*, LA*, MD*, MA*, MN*, MS*, NH*, NJ*, NY*, NC*, OH*, PA*, SC*, SD*, TN*, TX*, VA*, WI*
2—Black lordithon rove beetle.....	<i>Lordithon niger</i>	Staphylinidae.....	MO, Canada, AR*, CT*, DC*, GA*, IL*, KS*, KY*, MI*, NY*, NC*, OH*, PA*, TX*, VA*, WV*
2—Globose dune beetle.....	<i>Coelus globosus</i>	Tenebrionidae.....	CA, Mexico
2—San Joaquin dune beetle.....	<i>Coelus gracilis</i>	Tenebrionidae.....	CA
FLIES (Insects, Order Diptera)			
2—Mary Alice's small-headed fly.....	<i>Eulonchus marialiciae</i>	Acroceridae.....	NC
3A—Valley mydas fly.....	<i>Raphiomydas trochilus</i>	Apioceratidae.....	CA*
2*—Antioch cophuran robberfly.....	<i>Cophura hundi</i>	Asilidae.....	CA*
2—Antioch efferian robberfly.....	<i>Efferia antiochi</i>	Asilidae.....	CA
2—Hurd's metapogon robberfly.....	<i>Metapogon hundi</i>	Asilidae.....	CA
2—Nihoa two-spotted asteriid fly.....	<i>Bryania bipunctata</i>	Asteriidae.....	HI
3A—Ko'olau spurwing long-legged fly.....	<i>Carnipinemos mirabilis</i>	Dolichopodidae.....	HI*
3A—Lanai pomace fly.....	<i>Drosophila lenaensis</i>	Drosophilidae.....	HI*
3A—Hawaiian chersodromian dance fly.....	<i>Chersodromia hawaiiensis</i>	Empididae.....	HI*
2—Wiber Springs shore fly.....	<i>Paracoenia calida</i>	Ephydriidae.....	CA
2—Sugarfoot moth fly.....	<i>Nemopalpus nearcticus</i>	Psychodidae.....	FL
2—DeLong's mixogaster flower fly.....	<i>Mixogaster delongi</i>	Syrphidae.....	FL
2*—Ross's apatalestes tabanid fly.....	<i>Apatalestes rossi</i>	Tabanidae.....	CA*
2—Florida asaphomyian tabanid fly.....	<i>Asaphomyia floridensis</i>	Tabanidae.....	FL
2*—Texas asaphomyian tabanid fly.....	<i>Asaphomyia texanus</i>	Tabanidae.....	TX*
2—Belkin's dune tabanid fly.....	<i>Brennania belkini</i>	Tabanidae.....	CA, Mexico
2—Brown merycomyian tabanid fly.....	<i>Merycomyia brunnea</i>	Tabanidae.....	CA
3A—Volutine stonemyian tabanid fly.....	<i>Stonemyia volutina</i>	Tabanidae.....	CA*
BUTTERFLIES AND MOTHS (Insects, Order Lepidoptera)			
3A—Chestnut ermine moth.....	<i>Argyresthia castaneella</i>	Argyresthiidae.....	NH* VT*
2—Green heterocrossan carposinid moth.....	<i>Heterocrossa viridis</i>	Carposinidae.....	HI
3A—Chestnut case-bearer moth.....	<i>Coleophora leucochrysellis</i>	Coleophoridae.....	PA*
2—Ioxanthan looper moth.....	<i>Fletcherana ioxantha</i>	Geometridae.....	HI
3A—Kona giant looper moth.....	<i>Scotorythra megakophylla</i>	Geometridae.....	HI*
3A—Ko'olau giant looper moth.....	<i>Scotorythra nesiotis</i>	Geometridae.....	HI*
3A—Hawaiian hopseed looper moth.....	<i>Scotorythra paratactis</i>	Geometridae.....	HI*
3A—Ola'ia peppered looper moth.....	<i>Tritocleis microphylla</i>	Geometridae.....	HI*
2—Necker petrochroan leaf miner moth.....	<i>Petrochroa neckerensis</i>	Gracilariidae.....	HI*
2—Dakota skipper butterfly.....	<i>Hesperia decotae</i>	Hesperiidae.....	MI, IA, SD, ND, IL*, Canada
1—North Platte montane skipper butterfly.....	<i>Hesperia leonardus</i> (= <i>pawnee</i> ) <i>montana</i>	Hesperiidae.....	CO
2—Salt marsh skipper butterfly.....	<i>Panoquina panoquinoides errans</i>	Hesperiidae.....	CA, Mexico
2—Rare skipper.....	<i>Problema bulenta</i>	Hesperiidae.....	MD, VA, NC, SC, GA
2—Wandering skipper.....	<i>Pseudocopaedodes eunus eunus</i>	Hesperiidae.....	CA, NV?, AZ?, Mexico?
2—Atala butterfly.....	<i>Eumaeus atala florida</i>	Lycaenidae.....	FL
2—Comstock's blue butterfly.....	<i>Euphilotes</i> (= <i>Shijimiaeoides</i> = <i>Philotes</i> ) <i>battoides comstocki</i>	Lycaenidae.....	CA
2—Langston's blue butterfly.....	<i>Euphilotes</i> (= <i>Shijimiaeoides</i> ) <i>langstoni langstoni</i>	Lycaenidae.....	CA
2—Mattoni's blue butterfly.....	<i>Euphilotes</i> (= <i>Shijimiaeoides</i> ) <i>rita mattonii</i>	Lycaenidae.....	NV
3A—Xerces blue butterfly.....	<i>Glaucopsyche xerces</i>	Lycaenidae.....	CA*
2—Miami blue butterfly.....	<i>Hemargus thomasi bethune-bakeri</i>	Lycaenidae.....	FL
2—Moro Bay blue butterfly.....	<i>Icaricia icaroides moroensis</i>	Lycaenidae.....	CA, CA*
3A—Pheres blue butterfly.....	<i>Icaricia icaroides pheres</i>	Lycaenidae.....	CA*
3C—Bog elfin butterfly.....	<i>Incisalia</i> (= <i>Callophrys</i> = <i>Mitoura</i> ) <i>lanoraieensis</i>	Lycaenidae.....	CA
3C—Wind's elfin butterfly.....	<i>Incisalia</i> (= <i>Callophrys</i> = <i>Mitoura</i> ) <i>mossi windi</i>	Lycaenidae.....	CA
3C—Doudoroff's elfin butterfly.....	<i>Incisalia</i> (= <i>Callophrys</i> = <i>Mitoura</i> ) <i>mossi doudoroffi</i>	Lycaenidae.....	CA
2—Karnar blue butterfly.....	<i>Lycaeides melissa samuelis</i>	Lycaenidae.....	NY, NH, IN, MI, WI, MA*, PA*
3C—Clouded tailed copper butterfly.....	<i>Lycaena arota nubia</i>	Lycaenidae.....	CA
2—Clayton's copper butterfly.....	<i>Lycaena dorcas claytoni</i>	Lycaenidae.....	ME
2—Hermes copper butterfly.....	<i>Lycaena hermes</i>	Lycaenidae.....	CA, MEX
3C—Hessel's hairstreak butterfly.....	<i>Mitoura</i> (= <i>Callophrys</i> ) <i>hesseli</i>	Lycaenidae.....	NH, MA, NJ, MD, VA, NC, GA, FL
2—Boharts' blue butterfly.....	<i>Philotiella</i> (= <i>Zizeeria</i> ) <i>speciosa bohartorum</i>	Lycaenidae.....	CA
2—San Emigdio blue butterfly.....	<i>Plebulina</i> (= <i>Plebejus</i> ) <i>emigdonis</i>	Lycaenidae.....	CA
2—Bartram's hairstreak butterfly.....	<i>Strymon acis bartrami</i>	Lycaenidae.....	FL
3C—Hawaiian hairstreak butterfly.....	<i>Vaga blackburni</i>	Lycaenidae.....	HI
3C—Kendall's yucca skipper butterfly.....	<i>Magathymus coloradensis kendalli</i>	Magathymidae.....	TX
2—Maculated manfreda skipper butterfly.....	<i>Stallingsia maculosus</i>	Magathymidae.....	TX
3A—American chestnut nepticulid moth.....	<i>Ectodemia castaneae</i>	Nepticulidae.....	MD*
3A—Phleophagan chestnut nepticulid moth.....	<i>Ectodemia phleophaga</i>	Nepticulidae.....	MD*
2—Albarufan dagger moth.....	<i>Acronicta albarufa</i>	Noctuidae.....	MA*, GA*, NJ*, CT*, NY*, PA*, OH*, CO*, NM*, Canada*
3A—"Poko" noctuid moth.....	<i>Agrotis cringera</i>	Noctuidae.....	HI*
3A—Midway agrotis noctuid moth.....	<i>Agrotis fasciata</i>	Noctuidae.....	HI*
3A—Kerr's agrotis noctuid moth.....	<i>Agrotis kerr</i>	Noctuidae.....	HI*
3A—Laysan agrotis noctuid moth.....	<i>Agrotis laysanensis</i>	Noctuidae.....	HI*
3A—Procellaris agrotis noctuid moth.....	<i>Agrotis procellaris</i>	Noctuidae.....	HI*



Category and common name	Scientific name	Family	Distribution
2—Marbled underwing moth	<i>Catocala marmorata</i>	Noctuidae	NC, SC, VT*, NY*, NJ*, PA*, VA*, KY*, IN*, IL*, MO*
2—Precious underwing moth	<i>Catocala pretiosa</i>	Noctuidae	NJ, NH*, CT*, MA*, NY*, PA*, MD*, VA*, TN*
2—Hebard's noctuid moth	<i>Erythroeca hebardii</i>	Noctuidae	NJ, VA.
3A—Confused helicoverpan noctuid moth	<i>Helicoverpa confusa</i>	Noctuidae	HI*
3A—Minute helicoverpan noctuid moth	<i>Helicoverpa minuta</i>	Noctuidae	HI*
3A—Laysan dropseed noctuid moth	<i>Hypena laysanensis</i>	Noctuidae	HI*
3A—Hilo hyperan noctuid moth	<i>Hypena newelli</i>	Noctuidae	HI*
3A—Lovegrass noctuid moth	<i>Hypena plagiata</i>	Noctuidae	HI*
3A—Kaholuamano noctuid moth	<i>Hypena senicula</i>	Noctuidae	HI*
2—Lemmer's noctuid moth	<i>Lithophane lemmeri</i>	Noctuidae	CT, NJ, NC, SC.
2—Ceromatic noctuid moth	<i>Pyraferia ceromatica</i>	Noctuidae	FL, SC, ME, AL, IN, Canada.
2—Florida leafwing butterfly	<i>Anaea floridalis</i>	Nymphalidae	FL.
1—Uncompahgre fritillary butterfly	<i>Boloria acrocherna</i>	Nymphalidae	CO.
3C—Alamose satyr butterfly	<i>Cercyonis meadi alamose</i>	Nymphalidae	CO.
3A—Sthenele wood nymph butterfly	<i>Cercyonis sthenele sthenele</i>	Nymphalidae	CA*
1—Bay checkerspot butterfly	<i>Euphydryas editha bayensis</i>	Nymphalidae	CA.
2—Mono checkerspot butterfly	<i>Euphydryas editha monoensis</i>	Nymphalidae	CA/NV.
3C—Wright's checkerspot butterfly	<i>Euphydryas editha wrightii</i>	Nymphalidae	CA.
3C—Obsolete viceroys butterfly	<i>Limenitis archippus obsoletus</i>	Nymphalidae	AZ, CA, NM, NV, Mexico.
3C—Mitchell satyr butterfly	<i>Neonympha (= Euptychia) mitchelli</i>	Nymphalidae	MI, NJ, OH*
3C—Chryxus arctic butterfly	<i>Ceneis chryxus valerata</i>	Nymphalidae	WA.
2—Tawny crescent butterfly	<i>Phyciodes batesi</i>	Nymphalidae	NC, VA, NY, OH, MI, WI, ND, SD, CO, MN, Canada, GA*, WV*, PA*, NJ*
3C—Minute checkerspot butterfly	<i>Poladyras minuta</i>	Nymphalidae	TX.
2—Smoky eyed brown butterfly	<i>Satyroides eurydice fumosa</i>	Nymphalidae	IL, IA, NE, CO*
3C—Unsilvaged fritillary butterfly	<i>Speyeria adaste adaste</i>	Nymphalidae	CA.
3A—Atossa fritillary butterfly	<i>Speyeria adaste atossa</i>	Nymphalidae	CA*
3C—Clemence's fritillary butterfly	<i>Speyeria adaste clemencei</i>	Nymphalidae	CA.
2—Callippe silverspot butterfly	<i>Speyeria callippe callippe</i>	Nymphalidae	CA.
3C—Tehachapi Mountain silverspot butterfly	<i>Speyeria eglesia tehachapina</i>	Nymphalidae	CA.
2—Hydaspe fritillary butterfly	<i>Speyeria hydaspes conquista</i>	Nymphalidae	CO, NM.
2—Regal fritillary butterfly	<i>Speyeria idala</i>	Nymphalidae	ME*, NH*, MA, RI, NY, NJ, MD, DE, VA, NC*, WV, PA, OH, IN, MI, IL, MO, MN, WI, IA, OK, KS, NE, SD, ND, CO, MT, Canada
3C—Apache silverspot butterfly	<i>Speyeria nokomis apacheana</i>	Nymphalidae	CA/NV.
2—Blue silverspot butterfly	<i>Speyeria nokomis caerulea</i>	Nymphalidae	AZ*, Mexico
3B—Blue-black silverspot butterfly	<i>Speyeria nokomis nigrocaerulea</i>	Nymphalidae	AZ, NM.
3C—Mountain silverspot butterfly	<i>Speyeria nokomis nitocris</i>	Nymphalidae	AZ, NM, CO
2—Great basin silverspot butterfly	<i>Speyeria nokomis nokomis</i>	Nymphalidae	CO, UT.
2—Behren's silverspot butterfly	<i>Speyeria zerene behrensi</i>	Nymphalidae	CA.
2—Myrtle's silverspot butterfly	<i>Speyeria zerene myrtilae</i>	Nymphalidae	CA.
2—Henne's eucosman moth	<i>Eucosma hennei</i>	Olethreutidae	CA.
2—San Francisco tree lupine moth	<i>Grapholita edwardsiana</i>	Olethreutidae	CA.
3A—Strohbeen's parmassian butterfly	<i>Parnassius clodius strohbeeni</i>	Papilionidae	CA*
2—Busk's gall moth	<i>Carolella busckana</i>	Phaloniidae	CA.
3C—Catalina orange tip butterfly	<i>Anthochars cathura catalinae</i>	Pieridae	CA.
2—Andrew's marble butterfly	<i>Euchloe hyantis andrewsi</i>	Pieridae	CA.
3C—Heios yellow butterfly	<i>Eurema dina helios</i>	Pieridae	PR, Caribbean
2—Molokai sedge hedyleptan moth	<i>Hedylepta anastrepta</i>	Pyralidae	HI*
2—Kohala Mountain sedge hedyleptan moth	<i>Hedylepta anastreptoides</i>	Pyralidae	HI.
2—'Ohe hedyleptan moth	<i>Hedylepta asaphornbra</i>	Pyralidae	HI*
3A—Oahu swamp hedyleptan moth	<i>Hedylepta epicentra</i>	Pyralidae	HI*
2—'Oia'a banana hedyleptan moth	<i>Hedylepta euryprora</i>	Pyralidae	HI*
2—Fullaway's banana hedyleptan moth	<i>Hedylepta fullawayi</i>	Pyralidae	HI*
2—Giffard's 'ohe hedyleptan moth	<i>Hedylepta giffardi</i>	Pyralidae	HI*
2—Kilauea pa'iniu hedyleptan moth	<i>Hedylepta indias</i>	Pyralidae	HI*
3A—Laysan hedyleptan moth	<i>Hedylepta laysanensis</i>	Pyralidae	HI*
2—Meynick's banana hedyleptan moth	<i>Hedylepta meynicki</i>	Pyralidae	HI*
2—Hawaiian bean leafroller moth	<i>Hedylepta monogona</i>	Pyralidae	HI*
2—Maui banana hedyleptan moth	<i>Hedylepta musicola</i>	Pyralidae	HI*
2—Hawaiian lo'ulu hedyleptan moth	<i>Hedylepta pritchardii</i>	Pyralidae	HI*
3A—Telegraphic hedyleptan moth	<i>Hedylepta telegrapha</i>	Pyralidae	HI*
2—Blue margarionian moth	<i>Margarona cyanomichla</i>	Pyralidae	HI.
2—Green margarionian moth	<i>Margarona exaula</i>	Pyralidae	HI.
2—Ohe'naupaka oebian moth	<i>Oebolia dryadops</i>	Pyralidae	HI.
2—Chestnut clearwing moth	<i>Synanthedon castaneae</i>	Sesiidae	VA*, PA*, SC*, ME*, MS*, NY*
1—West's sphinx moth	<i>Euproserpinus westi</i>	Sphingidae	CO, NM*
3A—Blackburn's sphinx moth	<i>Manduca blackburni</i>	Sphingidae	HI*
3A—Fabulous green sphinx of Kauai	<i>Tinostoma smaragdilis</i>	Sphingidae	HI*
3A—Chestnut leaf miner moth	<i>Tischeria perplexa</i>	Tischeriidae	VA*
2—'Ohe'ohē leaf roller moth	<i>Spheterista oheoheana</i>	Tortricidae	HI.
2—Green-banded 'ohe'ohē leaf-roller moth	<i>Spheterista pterotropiana</i>	Tortricidae	HI.
2—Wailupe leaf-roller moth	<i>Spheterista reynoldsiana</i>	Tortricidae	HI.
CADDISFLIES (Insects, Order Trichoptera)			
2—Mt. Hood primitive brachycentrid caddisfly	<i>Eobrachycentrus gelidae</i>	Brachycentridae	OR
2—Artesian agapetus caddisfly	<i>Agapetus artesus</i>	Glossosomatidae	MO
2—Denning's agapetus caddisfly	<i>Agapetus denningi</i>	Glossosomatidae	OR*
2—Arkansas agapetus caddisfly	<i>Agapetus medicus</i>	Glossosomatidae	AR
2—San Marcos protoptilan caddisfly	<i>Protoptila arca</i>	Glossosomatidae	TX.
2—Flint's cheumatopsyche caddisfly	<i>Cheumatopsyche flinti</i>	Hydropsychidae	TX.
2—Heima's cheumatopsyche caddisfly	<i>Cheumatopsyche heima</i>	Hydropsychidae	TN.
2—Vannote's cheumatopsyche caddisfly	<i>Cheumatopsyche vannotei</i>	Hydropsychidae	PA.
2—California diplectronan caddisfly	<i>Diplectrona californica</i>	Hydropsychidae	CA.
2—Schuh's homoplectran caddisfly	<i>Homoplectra schuhi</i>	Hydropsychidae	OR.
2—Buffalo Springs caddisfly	<i>Hydropsyche etnieri</i>	Hydropsychidae	TN.
2—Abelian hydropsyche caddisfly	<i>Hydropsyche reiseni</i>	Hydropsychidae	OR.
2—Reisen's hydropsyche caddisfly	<i>Hydropsyche reiseni</i>	Hydropsychidae	OK.
2—King's Creek parapsyche caddisfly	<i>Parapsyche extensa</i>	Hydropsychidae	CA*
2—Knoxville hydroptilan micro caddisfly	<i>Hydroptila decia</i>	Hydroptilidae	TN.
2—Kite's neotrichian micro caddisfly	<i>Neotrichia kiteae</i>	Hydroptilidae	MO.
2—Aisea ochrotrichian micro caddisfly	<i>Ochrotrichia aiseae</i>	Hydroptilidae	OR.
2—Contorted ochrotrichian micro caddisfly	<i>Ochrotrichia contorta</i>	Hydroptilidae	MO, AR



Category and common name	Scientific name	Family	Distribution
2—Deschutes ochrotichian micro caddisfly	<i>Ochrotichia phenosa</i>	Hydroptilidae	OR*, CA.
2—Provost's ochrotichian micro caddisfly	<i>Ochrotichia provosti</i>	Hydroptilidae	FL
2—Vertrees's ochrotichian micro caddisfly	<i>Ochrotichia vertreesi</i>	Hydroptilidae	OR, CA.
2—Florida oxyethiran micro caddisfly	<i>Oxyethira florida</i>	Hydroptilidae	FL
2—Fischer's lepidostoman caddisfly	<i>Lepidostoma fischeri</i>	Lepidostomatidae	OR.
2—Goeden's lepidostoman caddisfly	<i>Lepidostoma goedeni</i>	Lepidostomatidae	OR.
2—Vertrees's ceracleian caddisfly	<i>Ceraclea (= Atriplosodes) vertreesi</i>	Leptoceridae	OR.
2*—Florida ceracleian longhorn caddisfly	<i>Ceraclea florida</i>	Leptoceridae	FL*
2*—Little oecetis longhorn caddisfly	<i>Oecetis parva</i>	Leptoceridae	FL*
3A—Athens triaenodes caddisfly	<i>Triaenodes phalacris</i>	Leptoceridae	OH*
2*—Three-tooth triaenodes caddisfly	<i>Triaenodes tridonta</i>	Leptoceridae	OK*, FL*
2—Cascades apatanian caddisfly	<i>Apatania (= Radema) tavala</i>	Limnephilidae	OR.
2—Kings Canyon cryptochian caddisfly	<i>Cryptochia excella</i>	Limnephilidae	CA.
2—Blue Mountains cryptochian caddisfly	<i>Cryptochia neosa</i>	Limnephilidae	OR.
2—King's Creek eccisomyian caddisfly	<i>Eccisomyia bilera</i>	Limnephilidae	CA.
2*—Green Springs Mountain farulan caddisfly	<i>Farula davisii</i>	Limnephilidae	OR*
2—Mt. Hood farulan caddisfly	<i>Farula jewetti</i>	Limnephilidae	OR.
2—Tombstone Prairie farulan caddisfly	<i>Farula reaperi</i>	Limnephilidae	OR.
2—Missouri Glyphopsyche caddisfly	<i>Glyphopsyche missouri</i>	Limnephilidae	MO.
2—Klamath limnephilian caddisfly	<i>Limnephilus alconius</i>	Limnephilidae	OR.
2—Fort Dick limnephilian caddisfly	<i>Limnephilus atarous</i>	Limnephilidae	CA, OR.
2—Columbia gorge neothremman caddisfly	<i>Neothremma andersoni</i>	Limnephilidae	OR.
2—Tombstone Prairie oligophlebodes caddisfly	<i>Oligophlebodes mostbento</i>	Limnephilidae	OR.
2*—Clatsop phiocasca caddisfly	<i>Phiocasca oron</i>	Limnephilidae	OR*
3B—(No common name)	<i>Psilotreta hansonii</i>	Odonoceridae	MA.
2—Oregon dolophilodes caddisfly	<i>Dolophilodes (= Sartosa) oregona</i>	Philopotamidae	OR.
2—Carlson's polycentropus caddisfly	<i>Polycentropus carlsoni</i>	Polycentropodidae	SC.
2—Nearctic paduniellan caddisfly	<i>Paduniella nearctica</i>	Psychomyiidae	AR.
2—Siskiyou caddisfly	<i>Tinodes siskiyou</i>	Psychomyiidae	OR.
2—Alexander's rhyacophilan caddisfly	<i>Rhyacophila alexanderi</i>	Rhyacophiliidae	MT.
3A—Castle Lake rhyacophilan caddisfly	<i>Rhyacophila amabilis</i>	Rhyacophiliidae	CA*
2—Obrien rhyacophilan caddisfly	<i>Rhyacophila colorus</i>	Rhyacophiliidae	OR.
2—Fender's rhyacophilan caddisfly	<i>Rhyacophila fenderi</i>	Rhyacophiliidae	OR.
2—Haddock's rhyacophilan caddisfly	<i>Rhyacophila haddocki</i>	Rhyacophiliidae	OR.
2—Castle Crags rhyacophilan caddisfly	<i>Rhyacophila lineata</i>	Rhyacophiliidae	CA.
2—Bilobed rhyacophilan caddisfly	<i>Rhyacophila mosana</i>	Rhyacophiliidae	CA.
2—Spiny rhyacophilan caddisfly	<i>Rhyacophila spinata</i>	Rhyacophiliidae	CA.
2—One-spot rhyacophilan caddisfly	<i>Rhyacophila unipunctata</i>	Rhyacophiliidae	OR.
2—Zigzag blackwater caddisfly	<i>Agarodes ziczac</i>	Senecostomatidae	FL.
<b>ANTS, BEES AND WASPS (Insects, Order Hymenoptera)</b>			
2*—Yellow-banded andrenid bee	<i>Perdita hirticeps luteocincta</i>	Andrenidae	CA*
2—Antioch andrenid bee	<i>Perdita scitula antiochensis</i>	Andrenidae	CA.
2—Nihoa sclerodermus wasp	<i>Sclerodermus nihoensis</i>	Bethylidae	HI.
2—Nihoa eupelmus wasp	<i>Eupelmus nihoensis</i>	Eupelmidae	HI.
2*—Assimulans yellow-faced bee	<i>Nesoprosopis assimilans</i>	Hylaeidae	HI*
2*—Andrenoid yellow-faced bee	<i>Nesoprosopis andrenoides</i>	Hylaeidae	HI*
3A—Lanai yellow-faced bee	<i>Nesoprosopis angustula</i>	Hylaeidae	HI*
2—Anomalous yellow-faced bee	<i>Nesoprosopis anomala</i>	Hylaeidae	HI.
2*—Anthricinan yellow-faced bee	<i>Nesoprosopis anthricina</i>	Hylaeidae	HI*
3A—Blackburn's yellow-faced bee	<i>Nesoprosopis blackburni</i>	Hylaeidae	HI*
2*—Bluewing yellow-faced bee	<i>Nesoprosopis caeruleipennis</i>	Hylaeidae	HI*
2*—Chlorosuctan yellow-faced bee	<i>Nesoprosopis chlorosuctata</i>	Hylaeidae	HI*
2*—Comes yellow-faced bee	<i>Nesoprosopis comes</i>	Hylaeidae	HI*
2*—Conehead yellow-faced bee	<i>Nesoprosopis coniceps</i>	Hylaeidae	HI*
3A—Connected yellow-faced bee	<i>Nesoprosopis connectens</i>	Hylaeidae	HI*
2*—Crabronoid yellow-faced bee	<i>Nesoprosopis crabronoides</i>	Hylaeidae	HI*
2*—Difficult yellow-faced bee	<i>Nesoprosopis difficilis</i>	Hylaeidae	HI*
2*—Dimidiatan yellow-faced bee	<i>Nesoprosopis dimidiata</i>	Hylaeidae	HI*
3A—Erythroderme yellow-faced bee	<i>Nesoprosopis erythroderma</i>	Hylaeidae	HI*
2*—Easy yellow-faced bee	<i>Nesoprosopis facilis</i>	Hylaeidae	HI*
2*—Fern yellow-faced bee	<i>Nesoprosopis filicum</i>	Hylaeidae	HI*
3A—Fintiman yellow-faced bee	<i>Nesoprosopis fintima</i>	Hylaeidae	HI*
2—Very yellow-faced bee	<i>Nesoprosopis flavifrons</i>	Hylaeidae	HI.
2*—Yellow-foot yellow-faced bee	<i>Nesoprosopis flavipes</i>	Hylaeidae	HI*
2—Darkwing yellow-faced bee	<i>Nesoprosopis fuscipennis</i>	Hylaeidae	HI.
2*—Shadowfoot darkwing yellow-faced bee	<i>Nesoprosopis fuscipennis obscuripes</i>	Hylaeidae	HI*
2*—Haleakala yellow-faced bee	<i>Nesoprosopis haleakalae</i>	Hylaeidae	HI*
3A—Hilaris yellow-faced bee	<i>Nesoprosopis hilaris</i>	Hylaeidae	HI*
2*—Hirsute yellow-faced bee	<i>Nesoprosopis hirsutula</i>	Hylaeidae	HI*
3A—Monocolor yellow-faced bee	<i>Nesoprosopis homeochroma</i>	Hylaeidae	HI*
2*—Hostile yellow-faced bee	<i>Nesoprosopis hostilis</i>	Hylaeidae	HI*
2*—Hulan yellow-faced bee	<i>Nesoprosopis hula</i>	Hylaeidae	HI*
2*—Insignis yellow-faced bee	<i>Nesoprosopis insignis</i>	Hylaeidae	HI*
2*—Kauai yellow-faced bee	<i>Nesoprosopis kauaiensis</i>	Hylaeidae	HI*
2*—Koa yellow-faced bee	<i>Nesoprosopis koae</i>	Hylaeidae	HI*
2*—Kona yellow-faced bee	<i>Nesoprosopis kona</i>	Hylaeidae	HI*
2*—Laetan yellow-faced bee	<i>Nesoprosopis laeta</i>	Hylaeidae	HI*
3A—Broadhead yellow-faced bee	<i>Nesoprosopis laticeps</i>	Hylaeidae	HI*
2*—Longhead yellow-faced bee	<i>Nesoprosopis longiceps</i>	Hylaeidae	HI*
3A—Mau yellow-faced bee	<i>Nesoprosopis meuiensis</i>	Hylaeidae	HI*
3A—Meianothx yellow-faced bee	<i>Nesoprosopis melanothrix</i>	Hylaeidae	HI*
3A—Mutatan yellow-faced bee	<i>Nesoprosopis mutata</i>	Hylaeidae	HI*
3A—Molokai yellow-faced bee	<i>Nesoprosopis neglecta</i>	Hylaeidae	HI*
3A—Snowy yellow-faced bee	<i>Nesoprosopis nivalis</i>	Hylaeidae	HI*
2*—Obscuratan yellow-faced bee	<i>Nesoprosopis obscurata</i>	Hylaeidae	HI*
2*—Ombrias yellow-faced bee	<i>Nesoprosopis ombrias</i>	Hylaeidae	HI*
3A—Pele yellow-faced bee	<i>Nesoprosopis pele</i>	Hylaeidae	HI*
2—Parkin's yellow-faced bee	<i>Nesoprosopis perkinsiana</i>	Hylaeidae	HI*
3A—Perspicuan yellow-faced bee	<i>Nesoprosopis perspicua</i>	Hylaeidae	HI*
3A—Psammobian yellow-faced bee	<i>Nesoprosopis psammobia</i>	Hylaeidae	HI*
2*—Furry yellow-faced bee	<i>Nesoprosopis pubescens</i>	Hylaeidae	HI*
2*—Redtail yellow-faced bee	<i>Nesoprosopis rubrocaudatus</i>	Hylaeidae	HI*

Category and common name	Scientific name	Family	Distribution
3A—Rugulose yellow-faced bee	<i>Nesoprosopis rugulosa</i>	Hylaeidae	HI*
2*—Satellus yellow-faced bee	<i>Nesoprosopis satellus</i>	Hylaeidae	HI*
2*—Bristlefront yellow-faced bee	<i>Nesoprosopis setosifrons</i>	Hylaeidae	HI*
2*—Simple yellow-faced bee	<i>Nesoprosopis simplex</i>	Hylaeidae	HI*
2*—Specular yellow-faced bee	<i>Nesoprosopis specularis</i>	Hylaeidae	HI*
2*—Sphecodoid yellow-faced bee	<i>Nesoprosopis sphecodoides</i>	Hylaeidae	HI*
2*—Unique yellow-faced bee	<i>Nesoprosopis unica</i>	Hylaeidae	HI*
2*—Vicinan yellow-faced bee	<i>Nesoprosopis vicina</i>	Hylaeidae	HI*
2—Volatile yellow-faced bee	<i>Nesoprosopis volatilis</i>	Hylaeidae	HI*
2—Antioch mutillid wasp	<i>Myrmosula (Myrmosa) pacifica</i>	Mutillidae	CA.
2—Hawaiian deinomimesan sphecid wasp	<i>Deinomimesa hawaiiensis</i>	Sphecidae	HI.
2—Puna deinomimesan sphecid wasp	<i>Deinomimesa punae</i>	Sphecidae	HI.
2—Giffard's ectemnius sphecid wasp	<i>Ectemnius (= Nesocrabo) giffardi</i>	Sphecidae	HI.
2—Short-foot ectemnius sphecid wasp	<i>Ectemnius (= Orocrabro) curtipes</i>	Sphecidae	HI.
2—Haleakala ectemnius sphecid wasp	<i>Ectemnius (= Orocrabro) haleakalae</i>	Sphecidae	HI.
2—Brown cross ectemnius sphecid wasp	<i>Ectemnius (= Orocrabro) fulvicrus</i>	Sphecidae	HI.
2—Bidcoratus sphecid wasp	<i>Ectemnius nesocrabo bidcoratus</i>	Sphecidae	HI.
2—Redheaded sphecid wasp	<i>Eucerceris ruficeps</i>	Sphecidae	CA*, NV.
2—Kauai nesomimesan sphecid wasp	<i>Nesomimesa kauaiensis</i>	Sphecidae	HI.
2—Shade-winged nesomimesan sphecid wasp	<i>Nesomimesa sciopteryx</i>	Sphecidae	HI.
2*—Antioch sphecid wasp	<i>Philanthus nasalis</i>	Sphecidae	CA*
2—Nihoa odynerus vespoid wasp	<i>Odynerus nihaensis</i>	Vespidae	HI.
2—Soror odynerus vespoid wasp	<i>Odynerus soror</i>	Vespidae	HI.
SNAILS (Molluscs, Class Gastropoda)			
2—(No common name)	<i>Valvata utahensis</i> Call, 1884	Valvatidae	ID, UT.
3B—Newcomb's littorine snail	<i>Algamorda newcombiana</i> Hemphill, 1877	Littorinidae	CA, WA, OR.
2—St. George snail	<i>Amnicola deserta</i> Pilsbry, 1916	Hydrobiidae	UT.
2—(No common name)	<i>Aphaestracon asthenes</i> Thompson, 1968	Hydrobiidae	FL.
2—(No common name)	<i>Aphaestracon monas</i> (Pilsbry, 1893)	Hydrobiidae	FL.
2—Compact hydrobe snail	<i>Aphaestracon pycnus</i> Thompson, 1968	Hydrobiidae	FL.
2—Fenney Spring hydrobe snail	<i>Aphaestracon xyneolictus</i> Thompson, 1968	Hydrobiidae	FL.
2—Helicoid spring snail	<i>Cincinnatia helicogyra</i> Thompson, 1968	Hydrobiidae	FL.
2—(No common name)	<i>Cincinnatia mica</i> Thompson, 1968	Hydrobiidae	FL.
2—(No common name)	<i>Cincinnatia monroensis</i> (Dall, 1885)	Hydrobiidae	FL.
2—(No common name)	<i>Cincinnatia parva</i> Thompson, 1968	Hydrobiidae	FL.
2—Ponderous spring snail	<i>Cincinnatia ponderosa</i> Thompson, 1968	Hydrobiidae	FL.
2—Seminole Spring snail	<i>Cincinnatia vanhyningi</i> (Vanatta, 1934)	Hydrobiidae	FL.
2—Wekiwa Spring snail	<i>Cincinnatia wekiwae</i> Thompson, 1968	Hydrobiidae	FL.
2—Phantom cave snail	<i>Cochliopa texana</i> Pilsbry, 1935	Hydrobiidae	TX.
2—Muddy Valley turban snail	<i>Fluminicola avernalis</i> Pilsbry, 1935	Hydrobiidae	NV.
1—Point of Rocks Spring snail	<i>Fluminicola erythropoma</i> Pilsbry, 1899	Hydrobiidae	NV.
2—Pahrnagat Valley turban snail	<i>Fluminicola merriami</i> Pilsbry and Beicher, 1892	Hydrobiidae	NV.
2—Longstreet Spring snail	" <i>Fluminicola</i> " sp.	Hydrobiidae	NV.
1—Median-gland Nevada spring snail	" <i>Fluminicola</i> " sp.	Hydrobiidae	NV.
1—Large-gland Nevada spring snail	" <i>Fluminicola</i> " sp.	Hydrobiidae	NV.
3C—(No common name)	<i>Fontelicella micrococcus</i> (Pilsbry, 1893)	Hydrobiidae	NV.
1—Socorro spring snail	<i>Fontelicella (= Amnicola) neomexicana</i> (Pilsbry, 1916)	Hydrobiidae	NM.
2—Elk Island snail	<i>Fontelicella robusta</i> Walker, 1908	Hydrobiidae	WY.
1—Chupadera spring snail	<i>Fontelicella</i> sp.	Hydrobiidae	NM.
1—Roswell spring snail	<i>Fontelicella</i> sp.	Hydrobiidae	NM.
2—Great Columbia River spire snail	<i>Lithoglyphus columbianus</i> (Pilsbry, 1899)	Hydrobiidae	ID, OR, WA.
2—(No common name)	<i>Marstonia agarheta</i> Thompson, 1977	Hydrobiidae	GA.
2—(No common name)	<i>Marstonia castor</i> Thompson, 1977	Hydrobiidae	GA.
2—Obese Marstonia snail	<i>Marstonia ogmorophe</i> Thompson, 1977	Hydrobiidae	TN.
2—Thick-shelled Marstonia snail	<i>Marstonia pachyta</i> Thompson, 1977	Hydrobiidae	AL.
2—(No common name)	<i>Somatogyrus catanotus</i> Thompson, 1974	Hydrobiidae	GA.
2—(No common name)	<i>Somatogyrus parvulus</i> Tryon, 1865	Hydrobiidae	TN.
2—(No common name)	<i>Somatogyrus tenax</i> Thompson, 1969	Hydrobiidae	GA.
2—(No common name)	<i>Stobia nana</i> Thompson, 1978	Hydrobiidae	AL.
1—Virie Amargosa snail	Genus and species undescribed	Hydrobiidae	NV.
1—Bliss Rapids snail	Genus and species undescribed	Hydrobiidae	ID.
1—Bruneau Hot Spring snail	Genus and species undescribed	Hydrobiidae	ID.
2—Cheatum's snail	<i>Tryonia cheatumi</i> (Pilsbry, 1935)	Littoridinidae	TX.
2—White River snail	<i>Tryonia clathrata</i> Stimpson, 1865	Littoridinidae	NV.
2—California brackish water snail	<i>Tryonia imitator</i> (Pilsbry, 1899)	Littoridinidae	CA.
1—Point of Rocks Tryonia snail	<i>Tryonia</i> sp.	Littoridinidae	NV.
1—Sportingoods Tryonia snail	<i>Tryonia</i> sp.	Littoridinidae	NV.
1—Small solid Tryonia snail	<i>Tryonia</i> sp.	Littoridinidae	NV.
1—Minute slender Tryonia snail	<i>Tryonia</i> sp.	Littoridinidae	NV.
2—Amargosa Tryonia snail	<i>Tryonia</i> sp.	Littoridinidae	NV.
1—Alamosa spring snail	<i>Tryonia</i> sp.	Littoridinidae	NM.
2—Badwater snail	<i>Assimineea infima</i> Berry, 1947	Assimineidae	CA.
1—Pecos assimineea snail	<i>Assimineea</i> sp.	Assimineidae	NM, TX.
2—Anthony's river snail	<i>Athearnia anthonyi</i> (Redfield, 1854)	Pleuroceridae	TN.
2—Crass River snail	<i>Athearnia crassa</i> (Haldeman, 1841)	Pleuroceridae	GA, TN.
2—Albany snail	<i>Goniobasis albanensis</i> Lea, 1864	Pleuroceridae	AL, FL, GA.
3B—Indiana river snail	<i>Goniobasis, semicannata indianensis</i> Pilsbry, 1903	Pleuroceridae	IN.
1—Spiny river snail	<i>Io fluviialis</i> (Say, 1834)	Pleuroceridae	TN, VA.
2—Mainstream river snail	<i>Leptoxis praerosa</i> (Say, 1824)	Pleuroceridae	TN.
3B—Unibiculate river snail	<i>Leptoxis subglobosa umbilicata</i> (Weatherby, 1876)	Pleuroceridae	TN.
2—Armigerous river snail	<i>Lithasia armigera</i> (Say, 1821)	Pleuroceridae	KY.
2—Dutton's river snail	<i>Lithasia duttoniana</i> (Lea, 1841)	Pleuroceridae	TN.
2—Geniculate River snail	<i>Lithasia geniculata</i> Haldeman, 1840	Pleuroceridae	TN.
2—Jay's river snail	<i>Lithasia jayana</i> (Lea, 1841)	Pleuroceridae	TN.
2—Elk River file snail	<i>Lithasia lima</i> (Conrad, 1834)	Pleuroceridae	TN, AL.
3C—Small geniculate river snail	<i>Lithasia pinguis</i> (Lea, 1852)	Pleuroceridae	TN.
2—Rugged river snail	<i>Lithasia salebrosa</i> (Conrad, 1834)	Pleuroceridae	TN.
2—Verrucose file snail	<i>Lithasia verrucosa</i> (Rafinesque, 1820)	Pleuroceridae	TN, OR.
2—Giant Columbia River limpet	<i>Fisherola nuttalli</i> (Haldeman, 1841)	Lancidae	ID, OR, WA.
2—Utah band snail	<i>Lymnaea kingii</i> Meek, 1877 (= <i>Stagnicola utahensis</i> Call, 1844)	Lymnaeidae	UT.
2—Fish Springs pond snail	<i>Stagnicola pilsbryi</i> (Hemphill, 1890)	Lymnaeidae	UT.

Category and common name	Scientific name	Family	Distribution
2—Cape Fear ramshorn snail	<i>Helisoma magnificum</i> (Pilsbry, 1903)	Planorbidae	NC.
2—Jackson Lake snail	<i>Helisoma (=Carinifera) jacksonense</i> Henderson, 1932	Planorbidae	WY.
2—Greenfield ramshorn snail	<i>Taphius succoemius succoemius</i> Bartsch, 1906	Planorbidae	NC.
1—New Mexico ramshorn snail	Genus and Species undescribed	Planorbidae	NM.
2—Wyoming cave snail	<i>Physa aperturca</i> (Turner & Clench, 1974)	Physidae	WY.
2—Utah bubble snail	<i>Physa utahensis</i> Clench, 1925	Physidae	UT.
3B—Diamond-Y pond snail	<i>Physa virgata bottomeri</i> Clench, 1924	Physidae	TX.
2—Zion Canyon snail	<i>Physa zionis</i> Pilsbry, 1905	Physidae	UT.
1—Snake River physa snail	<i>Physa</i> sp.	Physidae	ID.
2—Fish Lake snail	<i>Stenophysa (=Aplexa) microstriata</i> (Chamberlain & Berry, 1930)	Physidae	UT.
2—Short Samoan tree snail	<i>Somoana abbreviata</i> (Mousson, 1869)	Partulidae	American Samoa.
3A—(No common name)	<i>Ceratia</i> (all species)	Amastriidae	HI.
2—San Clemente Island blunt-top snail	<i>Starkia clementina</i> (Sterki, 1890)	Pupiliidae	CA.
2—(No common name)	<i>Vertigo alabamensis</i> Clapp, 1915	Pupiliidae	AL.
2—(No common name)	<i>Vertigo hebardii</i> Vanatta, 1912	Pupiliidae	FL.
2—Kanab amber snail	<i>Oxytoma haydeni kanabensis</i> Pilsbry, 1948	Succineidae	UT.
3C—Florida tree snail	<i>Liguus fasciatus</i> (Muller, 1774)	Bulimulidae	FL.
2—(No common name)	<i>Helicodiscus diademata</i> Griman, 1967	Helicodiscidae	VA.
2—(No common name)	<i>Helicodiscus hexodon</i> Hubricht, 1966	Helicodiscidae	TN.
2—(No common name)	<i>Discus marmorans</i> (H. B. Baker, 1932)	Discidae	ID.
1—Slug snail	<i>Binneya notabilis</i> Cooper, 1863	Anonidae	CA.
2—(No common name)	<i>Glyphyalina pecki</i> Hubricht, 1966	Zonitidae	AL.
2—(No common name)	<i>Paravitrea cleppi</i> (Pilsbry, 1898)	Zonitidae	NC, TN.
2—Mt. Matafao different snail	<i>Diastole matafaoi</i> Baker, 1936	Helicaronidae	American Samoa.
2—Yeto's snail	<i>Ammonitella yatesi</i> Cooper, 1868	Ammonitellidae	CA.
2—(No common name)	<i>Ashmunella pasosis</i> (Drake, 1951)	Polygyridae	TX.
2—Archer's toothed land snail	<i>Mesodon archeri</i> Pilsbry, 1940	Polygyridae	TN.
2—Clench's middle-toothed land snail	<i>Mesodon clenchi</i> (Feldner, 1932)	Polygyridae	AR.
2—(No common name)	<i>Mesodon clausus trossulus</i> Hubricht, 1966	Polygyridae	AL.
3C—Jones' middle-toothed land snail	<i>Mesodon jonesianus</i> (Archer, 1936)	Polygyridae	NC.
2—Magazine Mountain middle-toothed snail	<i>Mesodon magazinensis</i> (Pilsbry and Ferris, 1906)	Polygyridae	AR.
2—(No common name)	<i>Polygyra hippocrepis</i> (Pfeiffer, 1848)	Polygyridae	TX.
2—Strange many-whorled land snail	<i>Polygyra peregrina</i> Reuber, 1932	Polygyridae	AR.
2—(No common name)	<i>Stenotrema leai cheekii</i> Fullington, 1974	Polygyridae	TX.
2—(No common name)	<i>Stenotrema hubrichti</i> Pilsbry, 1940	Polygyridae	IL.
2—Pilsbry's narrow-apertured land snail	<i>Stenotrema pilsbryi</i> (Ferris, 1900)	Polygyridae	AR, OK.
2—(No common name)	<i>Triodopsis nullani magnidentata</i> (Pilsbry, 1940)	Polygyridae	ID.
2—Western three-toothed land snail	<i>Triodopsis occidentalis</i> (Pilsbry and Ferris, 1907)	Polygyridae	AR.
1—Karak Indian snail	<i>Vesperiola karolinum</i> Talmage, 1962	Polygyridae	CA.
2—(No common name)	<i>Oreohelix avaloensis</i> Pilsbry, 1905	Oreohelicidae	CA.
2—Carinated striated banded mountain snail	<i>Oreohelix strigosa goniogyra</i> Pilsbry, 1933	Oreohelicidae	ID.
2—Idaho banded mountain snail	<i>Oreohelix idahoensis idahoensis</i> Newcomb, 1886	Oreohelicidae	ID.
2—(No common name)	<i>Oreohelix jugalis jugalis</i> (Hemphill, 1900)	Oreohelicidae	ID.
2—Vortex banded mountain snail	<i>Oreohelix jugalis vortex</i> Berry, 1932	Oreohelicidae	ID.
2—Walton's banded mountain snail	<i>Oreohelix waltoni</i> Solem, 1975	Oreohelicidae	ID.
2—Coalville mountain snail	<i>Oreohelix peripherica weberiana</i> Pilsbry, 1939	Oreohelicidae	UT.
2—Ailyn Smith's banded snail	<i>Helminthoglypta ailynsmithi</i> Pilsbry, 1939	Helminthoglyptidae	CA.
3B—Cape Mendocino snail	<i>Helminthoglypta arossa mettolensis</i> A. G. Smith, 1938	Helminthoglyptidae	CA.
3B—Dented Peninsula snail	<i>Helminthoglypta arossa sinuata</i> (Bartsch, 1919)	Helminthoglyptidae	CA.
2—(No common name)	<i>Helminthoglypta arossa pomposensis</i> A. G. Smith, 1938	Helminthoglyptidae	CA.
2—(No common name)	<i>Helminthoglypta arossa williamsi</i> A. G. Smith, 1936	Helminthoglyptidae	CA.
2—(No common name)	<i>Helminthoglypta callistoderma</i> (Pilsbry & Ferris, 1918)	Helminthoglyptidae	CA.
2—(No common name)	<i>Helminthoglypta schweyeni</i> Berry, 1927	Helminthoglyptidae	CA.
2—Nicklin's peninsula snail	<i>Helminthoglypta nickliniana swana</i> (Bartsch, 1919)	Helminthoglyptidae	CA.
2—(No common name)	<i>Helminthoglypta nickliniana bridgesi</i> (Newcomb, 1861)	Helminthoglyptidae	CA.
2—(No common name)	<i>Helminthoglypta sequoicola consors</i> (Berry, 1838)	Helminthoglyptidae	CA.
2—(No common name)	<i>Helminthoglypta traski coelata</i> (Bartsch, 1916)	Helminthoglyptidae	CA.
1—Banded dune snail	<i>Helminthoglypta walkeriensis</i> (Hemphill, 1911)	Helminthoglyptidae	CA.
1—Concentrated snail	<i>Micranonta lactea</i> (Newcomb, 1864)	Helminthoglyptidae	CA.
2—Fraternal snail	<i>Micranonta forsteri</i> (Hemphill, 1901)	Helminthoglyptidae	CA.
2—Gabb's snail	<i>Micranonta gabbii</i> (Newcomb, 1864)	Helminthoglyptidae	CA.
3B—Cathedral snail	<i>Micranonta indocensis cathedralis</i> Willet, 1930	Helminthoglyptidae	CA.
2—(No common name)	<i>Micranonta rowelli bakerensis</i> Pilsbry and Lowe, 1934	Helminthoglyptidae	CA.
2—California McCoy snail	<i>Micranonta rowelli mccoyseni</i> Willet, 1935	Helminthoglyptidae	CA.
2—(No common name)	<i>Micranonta immacolata</i> Willet, 1937	Helminthoglyptidae	CA.
3C—Horseshoe snail	<i>Micranonta intersica</i> (W. G. Binney, 1857)	Helminthoglyptidae	CA.
2—Colorado desert snail	<i>Micranonta marconensis</i> Berry, 1929	Helminthoglyptidae	CA.
2—Pncky pear snail	<i>Micranonta opuntia</i> Roth, 1975	Helminthoglyptidae	CA.
3C—Wreathed island snail	<i>Micranonta redimita</i> (W. G. Binney, 1858)	Helminthoglyptidae	CA.
3C—Tryon's snail	<i>Micranonta tryoni</i> (Newcomb, 1864)	Helminthoglyptidae	CA.
2—(No common name)	<i>Monadonia circumcarinata</i> (Staarna, 1879)	Helminthoglyptidae	CA.
2—(No common name)	<i>Monadonia fidelis sinor</i> (W. G. Binney, 1865)	Helminthoglyptidae	OR.
2—Rocky coast snail	<i>Monadonia fidelis pennells</i> Berry, 1931	Helminthoglyptidae	CA.
2—Indian Yosemite snail	<i>Monadonia hillbrandi yosemitensis</i> (Lowe, 1916)	Helminthoglyptidae	CA.
2—(No common name)	<i>Monadonia marmorata buttoni</i> (Pilsbry, 1900)	Helminthoglyptidae	CA.
2—(No common name)	<i>Monadonia marmorata hirsuta</i> Pilsbry, 1927	Helminthoglyptidae	CA.
2—(No common name)	<i>Monadonia troglodytes</i> Hanna and Smith, 1933	Helminthoglyptidae	CA.
2—Trinity bristle snail (=California northern river snail)	<i>Monadonia setosa</i> Talmadge, 1952	Helminthoglyptidae	CA.
2—(No common name)	<i>Sonorella eremita</i> Pilsbry and Ferris, 1915	Helminthoglyptidae	AZ.
2—(No common name)	<i>Sonorella metcalfi</i> Miller, 1976	Helminthoglyptidae	TX.
CLAMS AND MUSSELS (Molluscs, Class Bivalvia)			
2—Spectacle case pearly mussel	<i>Cumberlandia monodonta</i> (Say, 1829)	Margaritiferidae	IN, IL, KY, MO, NE, OH, TN, VA.
2—Alabama pearl shell	<i>Margaritifera marianae</i> Johnson, 1983	Margaritiferidae	AL.
2—(No common name)	<i>Alasmidonta arcuata</i> (Lea, 1830)	Unionidae	GA.
2—(No common name)	<i>Alasmidonta atropurpurea</i> (Rafinesque, 1831)	Unionidae	KY, TN.

Category and common name	Scientific name	Family	Distribution
2—Dwarf wedge mussel	<i>Alasmidonta heterodon</i> (Lea, 1830)	Unionidae	MA, MD, NC, NH, NJ, PA, VA, VT, Canada
3A—(No common name)	<i>Alasmidonta mccordi</i> Athearn, 1964	Unionidae	GA
2—(No common name)	<i>Alasmidonta ravensliana</i> (Lea, 1834)	Unionidae	NC, TN
2—(No common name)	<i>Alasmidonta robusta</i> Clarke, 1981	Unionidae	NC, SC
2—(No common name)	<i>Alasmidonta wrightiana</i> Walker, 1901	Unionidae	FL
2—Wheeler's pearly mussel	<i>Arkansia wheeleri</i> Ortmann and Walker, 1912	Unionidae	AR, OK
2—Virginia spiny mussel	<i>Fusconaia collina</i> (Conrad, 1837)	Unionidae	VA
1—Tar River spiny mussel	<i>Elliptio (Canthya) steinstansana</i> Johnson and Clarke, 1983	Unionidae	NC
2—Georgia spiny mussel	<i>Elliptio (Canthya) spinosa</i> (Lea, 1836)	Unionidae	GA
2—Savannah shore mussel	<i>Carunculina pulla</i> (Conrad, 1838)	Unionidae	GA, NC, SC
2—Western fan-shell pearly mussel	<i>Cyprogenia aberti</i> (Conrad, 1838)	Unionidae	AR, KS, MO, OK
2—Eastern fan-shell pearly mussel	<i>Cyprogenia imorata</i> (Lea, 1830)	Unionidae	AL, TN, KY, VA
2—Cape Fear spike pearly mussel	<i>Elliptio marsupiohesa</i> Fuller, 1972	Unionidae	NC
2—Waccamaw lance pearly mussel	<i>Elliptio</i> sp.	Unionidae	NC
3A—Recovery pearly mussel	<i>Elliptio nigella</i> (Lea, 1852)	Unionidae	GA
2—Waccamaw spike	<i>Elliptio waccamawensis</i> (Lea, 1863)	Unionidae	NC
3A—Arc-form pearly mussel	<i>Epioblasma (=Dysnomia) arciformis</i> (Lea, 1831)	Unionidae	AL, TN
3A—(No common name)	<i>Epioblasma (=Dysnomia) biemarginata</i> (Lea, 1857)	Unionidae	AL, TN
2—(No common name)	<i>Epioblasma (=Dysnomia) brevidens</i> (Lea, 1831)	Unionidae	AL, KY, TN, VA
2—(No common name)	<i>Epioblasma (=Dysnomia) capsaeformis</i> (Lea, 1834)	Unionidae	AL, TN, KY, VA
3A—Arcuate pearly mussel	<i>Epioblasma (=Dysnomia) flexuosa</i> (Rafinesque, 1820)	Unionidae	AL, TN
3A—Acom pearly mussel	<i>Epioblasma (=Dysnomia) haysiana</i> (Lea, 1834)	Unionidae	AL, TN, VA
3A—Lefevre's pearly mussel	<i>Epioblasma (=Dysnomia) lefevrei</i> (Utterback, 1915)	Unionidae	AR, MO
3A—Stones pearly mussel	<i>Epioblasma (=Dysnomia) lenior</i> (Lea, 1843)	Unionidae	AL, TN
3A—Lewis' pearly mussel	<i>Epioblasma (=Dysnomia) lewisi</i> (Walker, 1910)	Unionidae	AL, TN, KY
1—Penitent mussel	<i>Epioblasma (=Dysnomia) penita</i> (Conrad, 1834)	Unionidae	AL, MS
3A—Fine-rayed pearly mussel	<i>Epioblasma (=Dysnomia) personata</i> (Say, 1829)	Unionidae	AL, TN
3A—Nearby pearly mussel	<i>Epioblasma (=Dysnomia) propinqua</i> (Lea, 1857)	Unionidae	AL, TN
3A—Steward's pearly mussel	<i>Epioblasma (=Dysnomia) stewardsoni</i> (Lea, 1852)	Unionidae	AL, TN
2—Purple cat's paw pearly mussel	<i>Epioblasma (=Dysnomia) sulcata sulcata</i> (Lea, 1824)	Unionidae	AL, TN, KY
2—Cracking pearly mussel	<i>Hemistena (=Lastena) lata</i> (Rafinesque, 1820)	Unionidae	KY, TN, VA
2—(No common name)	<i>Lampsilis perovalis</i> (Conrad, 1834)	Unionidae	AL, MS
2—Neosho pearly mussel	<i>Lampsilis rafinesqueana</i> Frierson, 1927	Unionidae	KS, MO, OK
2—(No common name)	<i>Lampsilis streckeri</i> Frierson, 1927	Unionidae	AR, TX
2—(No common name)	<i>Lasmgone holstonia</i> (Lea, 1838)	Unionidae	AL, TN, VA
2—Scale shell	<i>Leptodea leptodon</i> (Rafinesque, 1820)	Unionidae	AR, MO, OK
2—Slab-side pearly mussel	<i>Laxingtonia dolabelloides</i> (Lea, 1840)	Unionidae	AL, TN, VA
2—Golf stick pearly mussel	<i>Obovaria retusa</i> (Lamarck, 1819)	Unionidae	AL, TN, KY
2—Little-winged pearly mussel	<i>Pegias fabula</i> (Lea, 1836)	Unionidae	AL, KY, VA
2—Northern club shell	<i>Pleurobema clava</i> (Lamarck, 1819)	Unionidae	AL, IN, KY, MI, OH, TN
1—Curtus' mussel	<i>Pleurobema curtum</i> (Lea, 1859)	Unionidae	AL, MS
1—Marshall's mussel	<i>Pleurobema marshalli</i> Frierson, 1927	Unionidae	AL, MS
2—(No common name)	<i>Pleurobema oviforme</i> (Conrad, 1834)	Unionidae	TN, VA
2—(No common name)	<i>Pleurobema rubrum</i> (Rafinesque, 1820)	Unionidae	AL, KY, TN
1—Judge Tait's mussel	<i>Pleurobema taihanum</i> (Lea, 1834)	Unionidae	AL, MS
2—(No common name)	<i>Potamilus inflatus</i> (Lea, 1831)	Unionidae	AL, MS
2—Rough rabbit's foot pearly mussel	<i>Quadrula cylindrica strigillata</i> (Wright, 1898)	Unionidae	AR, OH, TN, VA
2—Rough maple leaf pearly mussel	<i>Quadrula fragosa</i> (Conrad, 1836)	Unionidae	OK
1—Stirrup shell	<i>Quadrula stapes</i> (Lea, 1831)	Unionidae	AL, MS
2—Salamander mussel	<i>Simpsoniconcha (=Simpsonia) ambigua</i> (Say, 1825)	Unionidae	IA, IL, IN, KY, MI, MO, OH, TN, #1
2—Choctaw pearly mussel (Athearn's Villosa pearly mussel)	<i>Villosa choctawensis</i> (Athearn, 1964)	Unionidae	AL, FL
2—(No common name)	<i>Villosa (=Micromya) fabalis</i> (Lea, 1831)	Unionidae	KY, MI, OH, TN, VA
2—Ortmann's pearly mussel	<i>Villosa (=Micromya) ortmanni</i> (Walker, 1925)	Unionidae	KY
2—Fine-rayed purple pearly mussel	<i>Villosa (=Micromya) perpurpurea</i> (Lea, 1861)	Unionidae	VA
2—(No common name)	<i>Pisidium ultramontanum</i> Prime, 1865	Sphaeriidae	CA, OR

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