

Table D.16 Insect Species New to Science, New to Washington State, or New to the Hanford Site

Order	Family	Genus Identity only or Complete Species Epithet	No. New Species or Subspecies/ Common Name	Federal Status ^(a)	Washington State Status ^(a)	Habitat Association	Global and Washington State Rarity Status ^(a)	Hanford Abundance
Insect Species New to Science^(b)								
Coleoptera (beetles)	Scarabaeidae	<i>Glarexis</i>	1 new species	Undetermined	Undetermined	Shrub-steppe		Rare
Diptera (flies)	Asilidae	<i>Efferia</i>	2 new species	Undetermined	Undetermined	Shrub-steppe		Rare
Homoptera (leafhoppers)	Cicindellidae	<i>Aceratagallia</i>	3 new subspecies	Undetermined	Undetermined	Shrub-steppe		Rare
Homoptera (leafhoppers)	Cicindellidae	<i>Auridius</i>	1 new subspecies	Undetermined	Undetermined	Shrub-steppe		Rare
Homoptera (leafhoppers)	Cicindellidae	<i>Errhomus</i>	1 new subspecies	Undetermined	Undetermined	Shrub-steppe		Rare
Hymenoptera (ants, bees, and wasps)	Andrenidae	<i>Andrena</i>	1 new species	Undetermined	Undetermined	Shrub-steppe		Rare
Hymenoptera (ants, bees, and wasps)	Andrenidae	<i>Perdita</i>	2 new species	Undetermined	Undetermined	Shrub-steppe		Rare
Hymenoptera (ants, bees, and wasps)	Colletidae	<i>Colletes</i>	1 new species	Undetermined	Undetermined	Shrub-steppe		Rare
Mollusc Species New to Science^(c)								
Pulmonata	Polygyridae	<i>Cryptomastix</i>	1 new species			Areas surrounding springs and basalt talus		Rare
Arthropod Species New to Washington^(b,d)								
Hymenoptera	Torymidae	<i>Diomerus zabriskiei</i>	Tormids		Undetermined	Shrub-steppe		Rare
Hymenoptera	Torymidae	<i>Monodontomerus viridiscapus</i>	Tormids		Undetermined	Shrub-steppe		Rare
Hymenoptera	Torymidae	<i>Pseuderimerus mayetiola</i>	Tormids		Undetermined	Shrub-steppe		Rare

Table D.16 Insect Species New to Science, New to Washington State, or New to the Hanford Site (continued)

Order	Family	Genus Identity only or Complete Species Epithet	No. New Species or Subspecies/ Common Name	Federal Status ^(a)	Washington State Status ^(a)	Habitat Association	Global and Washington State Rarity Status ^(a)	Hanford Abundance
Arthropod Species New to Washington^(b,d) (continued)								
Hymenoptera (continued)	Torymidae	<i>Pseudotorymus lazulellus</i>	Tormids		Undetermined	Shrub-steppe		Rare
Hymenoptera	Torymidae	<i>Torymus aeneoscapus</i>	Tormids		Undetermined	Shrub-steppe		Rare
Hymenoptera	Torymidae	<i>Torymus capillaceus albitarsis</i>	Tormids		Undetermined	Shrub-steppe		Rare
Hymenoptera	Torymidae	<i>Torymus kinseyi</i>	Tormids		Undetermined	Shrub-steppe		Rare
Hymenoptera	Torymidae	<i>Zaglyptonotus schwarzi</i>	Tormids		Undetermined	Shrub-steppe		Rare
Podocopida	Cyprididae	<i>Stenocypris bolieki</i>	Seed shrimp			Spring/stream		Undetermined
Insect Species New to Hanford^(b)								
Lepidoptera (butterflies and moths)	Nymphalidae	<i>Cercyonis pegala ariane</i>	Large wood nymph	Former candidate		Shrub-steppe	G5	Rare
Lepidoptera (butterflies and moths)	Hesperiidae	<i>Hesperia juba</i>	Juba skipper		Monitor	Upland areas ^(e)	G5, S?	Rare
Lepidoptera (butterflies and moths)	Hesperiidae	<i>Hesperia nevada</i>	Nevada skipper		Monitor	Shrub-steppe	G4G5, S?	Rare
Lepidoptera (butterflies and moths)	Hesperiidae	<i>Ochlodes sylvanoides bonnevilla</i>	Bonneville skipper		Monitor	Shrub-steppe	G5, S?	Rare
<p>(a) See Section D.3.5.1 for references and category definitions. Global and state rarity statuses are separated by a comma.</p> <p>(b) Unless otherwise indicated, table information is from Jonathon Soll (Correspondence and personal communication in regard to preliminary findings about insects by The Nature Conservancy of Washington from its 1994 and 1995 biodiversity inventories of the Hanford Site, 1995). Insect species new to science, new to Washington, or new to the Hanford Site were located on Hanford by The Nature Conservancy (TNC) during its biodiversity inventories of the Fitzner/Eberhardt Arid Lands Ecology Reserve and North Slopeduring 1994 and 1995. Information epithets, federal and state statuses, global and Washington state rarity statuses, locations on Hanford, and more specific habitat association data will be added to this table when such information becomes available. Insect species new to science, new to Washington, or new to the Hanford Site were collected in relatively small numbers at relatively few locations. Thus, all these are considered rare.</p> <p>(c) One new species of the genus <i>Cryptomastix</i> has been located on the Hanford Site (Frest and Johannes 1993). This new species is endemic to Hanford and is known from only one spring area on Umtanum Ridge.</p> <p>(d) Information on <i>Stenocypris bolieki</i> is from Colbert Cushing (pers. comm., 1996).</p> <p>(e) Collected in 1994 on the Fitzner/Eberhardt Arid Lands Ecology Reserve in Snively Canyon and on the North Slope (TNC 1995).</p>								