

This Draft **Big Creek Stream Insect List** is prepared from two sources:

The Big Creek Student Volunteer Stream Insect Survey voucher collection (Vial # indicated in "source" column).

List of species found by by Eric Silldorff from Big Creek and Devil's Creek, Nov. 1998 (E.S. list)

Abbreviations: coll.=collector; gath.=gatherer; shr.=shredder; scr.=scraper; detr.=detritivore; pred.=predator;
fac.=facultative; herb.=herbivore; filt.=filterer

Order	Family	Latin Name	Common Name	Notes	Source
Ephemeroptera	Baetidae	Baetis sp.	Small minnow mayfly; "Swimming mayfly"	coll.-gath.; scr.	4a
Ephemeroptera	Baetidae	Dipheter hageni	Small minnow mayfly; "Swimming mayfly"	coll.-gath.; scr.	4a
Ephemeroptera	Baetidae	Centroptilum/Procloeon sp.	Small minnow mayfly; "Swimming mayfly"	coll.-gath.; scr. (?)	4a
Ephemeroptera	Leptophlebiidae	Paraleptophlebia sp.	Prong gilled mayfly; "Swimming mayfly"	coll.-gath.; fac. shr.-detr.	4b
Ephemeroptera	Ephemerellidae	Drunella flavilinea	Crawling mayfly; "spiny crawler"	armored front femora	31b
Ephemeroptera	Ephemerellidae	Ephemerella maculata	Crawling mayfly; "spiny crawler"	normal front femora	31a
Ephemeroptera	Heptageniidae	Epeorus sp.	Clinging mayfly; "flatheaded mayfly"		33
Ephemeroptera	Heptageniidae	Rithrogena sp.	Clinging mayfly; "flatheaded mayfly"	coll.-gath.; scr.	33
Ephemeroptera	Heptageniidae	Ironodes sp.	Clinging mayfly; "flatheaded mayfly"	coll.-gath.; scr.	33
Odonata	Gomphidae	Octogomphus specularis	Clubtail dragonfly		60
Odonata	Aeschnidae	Aeschna sp.	Darner dragonfly		61
Odonata	Libellulidae	Pachydiplex sp.	Skimmer dragonfly		64
Odonata	Corduliidae	Neurocordularia sp.			62
Odonata	Cordulegasteridae	Cordulegaster sp.			63
Plecoptera	Capniidae	Mesocapnia/Utacapnia sp.		shr.-detr.	E.S. list only
Plecoptera	Perlidae	Colineura californica	Common stonefly	pred.	30
Plecoptera	Perlodidae	Isoperla sp.		pred.; fac. coll.-gath.	E.S. list only
Plecoptera	Perlodidae	perlodid sp.			5a
Plecoptera	Chloroperlidae	chloroperlid gen. and spp.	Green stonefly		5
Plecoptera	Nemouridae	Malenka sp.	Spring stonefly	detr.-shr; fac. coll. gath.	32
Plecoptera	Pteronarcyidae	Pteronarcys californica or princeps	Giant stonefly	shr.-detr.&herb.; fac. pred.; fac. scr.	35
Hemiptera	Corixidae	corixid sp.			58?
Hemiptera	Belostomatidae	Abedus indentatus	Giant water bug		36
Hemiptera	Gerridae	Aquarius remigis	Water strider	>11 mm long	7
Hemiptera	Gelastocoridae	gelastocorid sp.	Toad bug	not from Big Creek; Garland Ranch	40
Neuroptera	Corydalidae		Hellgrammite		
Coleoptera	Elmidae	elmid. Sp.	Riffle beetle	coll.-gath.; scr.	49
Coleoptera	Hydrophilidae	hydrophilid sp.	Water scavenger beetle		53
Coleoptera	Psephenidae	Eubrianax edwardsii	Water penny	scr.	E.S.list only
Coleoptera	Dytiscidae	dytiscid sp.	Predaceous diving beetle		no voucher

Order	Family	Latin Name	Common Name	Notes	Source
Trichoptera	Rhyacophilidae	Rhyacophila sp.	Free-living caddisfly; "predaceous caddisfly"	pred.; coll.-gath.;shr.-herb.	1
Trichoptera	Hydroptilidae	hydroptilid genera & species	Micro caddisfly		23
Trichoptera	Lepidostomatidae	Lepidostoma sp.	Portable case caddisfly; "lepidostomatid case-maker"		20
Trichoptera	Brachycentridae	Micrasema sp.	Portable case caddisfly; "humpless case-maker"		20
Trichoptera	Glossosomatidae	Agapetus sp.	Portable case caddisfly; "saddlecase-maker"		20
Trichoptera	Odontocoridae	Parthina sp.	Portable case caddisfly		20
Trichoptera	Leptocordae	Oecetis sp.	Portable case caddisfly		20
Trichoptera	Limnephilidae	Psychoglypha sp.	Portable case caddisfly		20
Trichoptera	Polycentropodidae	Polycentropus sp.	Predatory net-spinning caddisfly	pred.	59
Trichoptera	Hydropsychidae	Hydropsyche sp.	Net-spinning caddisfly		12
Trichoptera	Hydropsychidae	Parapsyche sp.	Net-spinning caddisfly		12
Trichoptera	Philopotamidae	Wormaldia sp.	Net-spinning caddisfly		12
Lepidoptera	Pyralidae				no voucher: id by Jerry Powell
Diptera	Simuliidae	Simulium canadense	Blackfly	coll.; filt.	E.S. list only
Diptera	Simuliidae	simuliid sp.	Blackfly		11
Diptera	Chironomidae	Rheotanytarsus sp.	Non-biting midge; "hydra"		18
Diptera	Chironomidae	chironomid sp.			18
Diptera	Dixidae	dixiid spp.	Dixid midge		56
Diptera	Tipulidae	Antocha sp.	Cranefly	coll.-gath.	E.S. list only
Diptera	Tipulidae	Limonea sp.	Cranefly		14
Diptera	Tipulidae	tipulid genera and species	Cranefly		14
Diptera	Stratiomyidae	stratiomyid sp.	Soldier fly		19
Diptera	Blephariceridae	blepharicerid genera and species	Net-winged midge		21
Diptera	Psychodidae	Maruina sp.	Moth fly		52
Diptera	Ephyridae	ephyrid sp.	Shore fly; Brine fly		57
Diptera	Empididae	Chelifera spp.	Dance fly	pred.; coll.	E.S. list only
Diptera	Culicidae	culicid sp.	Mosquito		44
xxx last line					