

BODIE HILLS AQUATIC INVERTEBRATE TAXA LISTING BY HABITAT ASSOCIATIONS (surveyed 2009-10)

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Taxa Code Genus _species	Total Occurrences in Inventory Tribs	Counts in Bodie Hills creeks	Spring-wetlands affinity	Taxonomic Group	Common Name
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**SPRINGS and TRIBUTARIES ONLY**

Parapsyche_alмота	9	0	no	Trichoptera	caddisfly
Thaumalea	5	0	no	Diptera	solitary midges
Sanfilippodytes	4	0	no	Coleoptera	predatory diving beetle
Stictotarsus_striatellus	4	0	no	Coleoptera	predatory diving beetle
Brillia	4	0	no	Chironomidae	midge fly
Chironomus	4	0	no	Chironomidae	midge fly
Paraphaenocladus	4	0	no	Chironomidae	midge fly
Rhyacophila_iranda	3	0	no	Trichoptera	caddisfly
Parochlus kiefferi	3	0	no	Chironomidae	midge fly
Polypedilum_tritum	3	0	no	Chironomidae	midge fly
Baetis_bicaudatus	2	0	no	Ephemeroptera	mayfly
Yoraperla	2	0	no	Plecoptera	stonefly
Ametor_scabrosus	2	0	no	Coleoptera	water scavenger beetle
Krenosmittia	2	0	no	Chironomidae	midge fly
Ophiogomphus morrisoni	1	0	no	Odonata	dragonfly
Ephemerella_dorothea	1	0	no	Ephemeroptera	mayfly
Kogotus-Rickera	1	0	no	Plecoptera	stonefly
Suwallia	1	0	no	Plecoptera	stonefly
Rhyacophila_vofixa	1	0	no	Trichoptera	caddisfly
Ecclisomyia	1	0	no	Trichoptera	caddisfly
Hydropsyche	1	0	no	Trichoptera	caddisfly

Rhyacophila_angelita	1	0	no	Trichoptera	caddisfly
Rhyacophila_oreta	1	0	no	Trichoptera	caddisfly
Yphria_californica	1	0	no	Trichoptera	caddisfly
Lara_avara	1	0	no	Coleoptera	riffle beetle
Anacaena	1	0	no	Coleoptera	water scavenger beetle
Forcipomyia	1	0	no	Diptera	biting midge
Prosimulium	1	0	no	Diptera	black fly
Limonia (Geranomyia)	1	0	no	Diptera	crane fly
Culex_tarsalis	1	0	no	Diptera	mosquito
Maruina_lanceolata	1	0	no	Diptera	moth fly
Scatella	1	0	no	Diptera	shore fly
Oxycera	1	0	no	Diptera	soldier fly
Stratiomys	1	0	no	Diptera	soldier fly
Eukiefferiella_brevicalar	1	0	no	Chironomidae	midge fly
Krenopelopia	1	0	no	Chironomidae	midge fly
Pagastia_partica	1	0	no	Chironomidae	midge fly
Paratendipes	1	0	no	Chironomidae	midge fly
Pseudodiamesa	1	0	no	Chironomidae	midge fly
Limnesia	1	0	no	Hydracarina	water mite
Torrenticola	1	0	no	Hydracarina	water mite
Hydrozetes	1	0	no	Hydracarina	water mite

### SPRING / TRIBUTARY-RESTRICTED

Hesperophylax	4	0	yes	Trichoptera	caddisfly
Agabus_lugens	4	0	yes	Coleoptera	predatory diving beetle
Amphiagrion_abbreviatum	2	0	yes	Odonata	damselfly
Peltodytes_simplex	2	0	yes	Coleoptera	crawling water beetle
Alotanypus	2	0	yes	Chironomidae	midge fly
Metriocnemus hygropetricus grp.	2	0	yes	Chironomidae	midge fly
Notonecta kirbyi	1	0	yes	Hemiptera	backswimmer
Cenocorixa_wileyae	1	0	yes	Hemiptera	water boatman
Hespercorixa_laevigata	1	0	yes	Hemiptera	water boatman
Sigara_omani	1	0	yes	Hemiptera	water boatman
Gerris_gilletti	1	0	yes	Hemiptera	water strider
Dytiscus	1	0	yes	Coleoptera	predatory diving beetle
Laccophilus_maculosus_decipiens	1	0	yes	Coleoptera	predatory diving beetle
Liodessus_affinis_obscurellus	1	0	yes	Coleoptera	predatory diving beetle
Elodes (Scirtidae)	1	0	yes	Coleoptera	scirtid beetle
Tropisternus_ellipticus	1	0	yes	Coleoptera	water scavenger beetle
Tropisternus_lateralis_humeralis	1	0	yes	Coleoptera	water scavenger beetle
Hydrovolzia	1	0	yes	Hydracarina	water mite

## STREAMS ONLY

Cladotanytarsus	0	143	no	Chironomidae	midge fly
Bezzia	0	59	no	Diptera	biting midge
Virgatanytarsus	0	47	no	Chironomidae	midge fly
Polypedilum_aviceps	0	43	no	Chironomidae	midge fly
Micrasema	0	36	no	Trichoptera	caddisfly
Agapetus	0	36	no	Trichoptera	caddisfly
Testudacarus	0	20	no	Hydracarina	water mite
Pseudochironomus	0	16	no	Chironomidae	midge fly
Ephemerella_tibialis	0	7	no	Ephemeroptera	mayfly
Eubrianax_edwardsii	0	7	no	Coleoptera	water penny
Culicoides	0	7	no	Diptera	biting midge
Narpus_concolor	0	6	no	Coleoptera	riffle beetle
Drunella_spinifera	0	5	no	Ephemeroptera	mayfly
Brundiniella	0	5	no	Chironomidae	midge fly
Monodiamesa	0	5	no	Chironomidae	midge fly
Enallagma	0	4	yes	Odonata	damselfly
Oxyethira	0	3	no	Trichoptera	caddisfly
Eukiefferiella_devonica	0	3	no	Chironomidae	midge fly
Ephemerella_excrucians	0	2	no	Ephemeroptera	mayfly
Skwala	0	2	no	Plecoptera	stonefly
Oreodytes	0	2	no	Coleoptera	predatory diving beetle
Limnophila	0	2	no	Diptera	crane fly
Nanocladius parvula	0	2	no	Chironomidae	midge fly
Mucronothrus	0	2	no	Hydracarina	water mite
Nematomorpha	0	2	no	Nematomorpha	horsehair worm
Frisonia_picticeps	0	1	no	Plecoptera	stonefly
Amiocentrus_aspilus	0	1	no	Trichoptera	caddisfly
Oecetis	0	1	no	Trichoptera	caddisfly
Rhyacophila_sibirica	0	1	no	Trichoptera	caddisfly
Postelichus	0	1	no	Coleoptera	long-toed water beetle
Ceratopogon	0	1	no	Diptera	biting midge
Hexatoma	0	1	no	Diptera	crane fly
Limonia	0	1	no	Diptera	crane fly
Demicryptochironomus	0	1	no	Chironomidae	midge fly
Nilotanypus	0	1	no	Chironomidae	midge fly
Aturus	0	1	no	Hydracarina	water mite
Cheiroseius	0	1	no	Hydracarina	water mite
Nudomideopsis	0	1	no	Hydracarina	water mite

**STREAMS AND SPRINGS MIXED  
(most common and widespread)**

Optioservus_quadrifasciatus	9	1268	no	Coleoptera	riffle beetle
Hyalella	21	565	yes	Crustacea	amphipod
Baetis_tricaudatus	16	540	no	Ephemeroptera	mayfly
Pisidium	15	529	no	Mollusca	fingernail clam
Ostracoda	7	385	no	Crustacea	seed shrimp
Gyraulus	1	223	no	Mollusca	snail
Tanytarsus	1	204	no	Chironomidae	midge fly
Heterolimnius_corpulentus	12	195	no	Coleoptera	riffle beetle
Argia_vivida	5	172	yes	Odonata	damselfly
Oligochaeta	26	172	no	Annelida	segmented worms
Simulium	18	165	no	Diptera	black fly
Cricotopus_Orthocladus	6	163	no	Chironomidae	midge fly
Lepidostoma	7	150	no	Trichoptera	caddisfly
Cleptelmis_addenda	2	149	no	Coleoptera	riffle beetle
Micropsectra	11	148	no	Chironomidae	midge fly
Eukiefferiella_gracei	2	135	no	Chironomidae	midge fly
Fallceon_quilleri	3	135	no	Ephemeroptera	mayfly
Paraleptophlebia	6	126	no	Ephemeroptera	mayfly
Polypedilum_scalaenum	1	121	no	Chironomidae	midge fly
Optioservus_divergens	3	99	no	Coleoptera	riffle beetle
Tvetenia_bavarica	13	93	no	Chironomidae	midge fly
Ceratopsyche	5	91	no	Trichoptera	caddisfly
Pericoma	2	83	no	Diptera	moth fly
Turbellaria	17	78	no	Flatworms	flatworm
Sperchon	13	76	no	Hydracarina	water mite
Lebertia	3	67	no	Hydracarina	water mite
Centroptilum	2	63	no	Ephemeroptera	mayfly
Zavrelimyia	4	51	no	Chironomidae	midge fly
Gumaga_nigricula	2	38	no	Trichoptera	caddisfly
Parametriocnemus	9	37	no	Chironomidae	midge fly
Brachycentrus_echo	1	35	no	Trichoptera	caddisfly
Protzia	1	28	no	Hydracarina	water mite
Antocha	1	27	no	Diptera	crane fly
Diphetero_hageni	12	26	no	Ephemeroptera	mayfly
Radotanypus_Apsectrotanypus	7	25	yes	Chironomidae	midge fly
Apedilum	1	20	no	Chironomidae	midge fly
Isoperla_mormona	3	20	no	Plecoptera	stonefly

Physa	6	20	no	Mollusca	snail
Malenka	13	20	no	Plecoptera	stonefly
Larsia	1	19	no	Chironomidae	midge fly
Cricotopus_Nostococladus	1	18	no	Chironomidae	midge fly
Diamesa	3	18	no	Chironomidae	midge fly
Wormaldia	1	17	no	Trichoptera	caddisfly
Rheotanytarsus	1	17	no	Chironomidae	midge fly
Ochrotrichia	3	17	no	Trichoptera	caddisfly
Heleniella	3	17	no	Chironomidae	midge fly
Atractides	3	17	no	Hydracarina	water mite
Thiennemannimyia	4	17	no	Chironomidae	midge fly
Drunella_flavilinea	3	16	no	Ephemeroptera	mayfly
Serratella_velmae	1	14	no	Ephemeroptera	mayfly
Sialis	2	13	no	Megaloptera	alder fly
Thienemanniella_xena	4	13	no	Chironomidae	midge fly
Rhyacophila_acropedes (brunnea)	2	12	no	Trichoptera	caddisfly
Pagastia	2	12	no	Chironomidae	midge fly
Epeorus	1	11	no	Ephemeroptera	mayfly
Thienemanniella_fusca	1	11	no	Chironomidae	midge fly
Hydroptila	1	10	no	Trichoptera	caddisfly
Psectrocladius_sordidellus	2	10	no	Chironomidae	midge fly
Ptychoptera	1	9	no	Diptera	phantom crane fly
Rheocricotopus	5	9	no	Chironomidae	midge fly
Zaitzevia_parvula	2	8	no	Coleoptera	riffle beetle
Pteronarcella_badia	3	8	no	Plecoptera	stonefly
Apsectrotanypus	1	7	no	Chironomidae	midge fly
Pentaneura	2	7	no	Chironomidae	midge fly
Parorthocladus	1	4	no	Chironomidae	midge fly
Phaenopsectra	2	4	no	Chironomidae	midge fly
Psychoglypha	3	4	no	Trichoptera	caddisfly
Eukiefferiella_brehmi	4	4	no	Chironomidae	midge fly
Sphaeromias	1	3	no	Diptera	biting midge
Neoplasta	1	3	no	Diptera	dance fly
Dicosmoecus_atripes	2	3	no	Trichoptera	caddisfly
Laccobius_agilis	3	3	yes	Coleoptera	water scavenger beetle
Glossosoma	4	3	no	Trichoptera	caddisfly
Cinygmula	6	3	no	Ephemeroptera	mayfly
Neophylax_splendens	1	2	no	Trichoptera	caddisfly
Muscidae	1	2	no	Diptera	muscid fly
Limnophyes	1	2	no	Chironomidae	midge fly
Stempellinella	1	2	no	Chironomidae	midge fly
Limnophora	2	2	no	Diptera	muscid fly

Tipula	3	2	no	Diptera	crane fly
Ironodes	6	2	no	Ephemeroptera	mayfly
Corynoneura	6	2	no	Chironomidae	midge fly
Rhyacophila_betteni	7	2	no	Trichoptera	caddisfly
Dicranota	8	2	no	Diptera	crane fly
Dixa	17	2	no	Diptera	dixid midge
Dolichopodidae	1	1	no	Diptera	long-legged fly
Paratanytarsus	1	1	no	Chironomidae	midge fly
Odontomesa	1	1	no	Chironomidae	midge fly
Fossaria	1	1	no	Mollusca	snail
Ameletus	2	1	no	Ephemeroptera	mayfly
Hygrobates	2	1	no	Hydracarina	water mite
Callibaetis	3	1	no	Ephemeroptera	mayfly
Meringodixa	3	1	no	Diptera	dixid midge
Tabanus	3	1	no	Diptera	horse fly
Zapada	4	1	no	Plecoptera	stonefly
Arrenurus	5	1	no	Hydracarina	water mite
Agabus_lutosus	5	1	yes	Coleoptera	predatory diving beetle
Sweltsa	6	1	no	Plecoptera	stonefly
Eukiefferiella_claripennis	8	1	no	Chironomidae	midge fly

### RARE OR RESTRICTED TAXA

Pyrgulopsis	3	7	yes	Mollusca	spring-snail
Halesochila_taylori	1	0	no	Trichoptera	caddisfly
Homophylax	2	0	no	Trichoptera	caddisfly
Diplocladius	1	0	no	Chironomidae	midge fly
Hygrobates (Dekabates)	3	0	no	Hydracarina	water mite
Limnochares	1	0	no	Hydracarina	water mite
Desmona	2	0	yes	Trichoptera	caddisfly
Derotanypus	1	0	yes	Chironomidae	midge fly
Boreochlus	1	0	yes	Chironomidae	midge fly
Hesperoperla_hoguei	2	0	no	Plecoptera	stonefly