

APPENDIX A
AQUATIC VERTEBRATES

AQUATIC VERTEBRATES

| Common Name | Scientific Name | Native? | Habit** | Zone** | Status' |
|------------------------------------|---|---------|---------|-----------|---------------|
| | PETROMYZONTIDAE Lamprey family | | | | |
| Pacific Lamprey | <i>Lampetra tridentatus (Richardson)</i> | yes | Ad | V, FH | common |
| River Lamprey | <i>Lampetra ayrsi (Günther)</i> | yes | Rs | V | ?? |
| | SALMONIDAE Salmon and Trout family | | | | |
| Chinook Salmon | <i>Oncorhynchus tshawytscha (Walbaum)</i> | yes | Ad | V, FH | common |
| Rainbow Trout (includes Steelhead) | <i>Oncorhynchus mykiss</i> | yes | Ad, Rs | V, FH, Mt | abundant (Mt) |
| Brown Trout | <i>Salmo trutta Linnaeus</i> | no | Rs | Mt FH, | abundant (Mt) |
| | CYPRINIDAE Minnow family | | | | |
| Carp | <i>Cyprinus carpio Linnaeus</i> | no | Rs | NR | common |
| Goldfish | <i>Carassius auratus (Linnaeus)</i> | no | Rs | NR | occasional |
| Golden Shiner | <i>Notemigonus crysoleucas (Mitchill)</i> | no | Rs | NR | common |
| Sacramento Blackfish | <i>Orthodon microlepidotus (AyRs)</i> | yes | Rs | NR | occasional |
| Hitch | <i>Lavinia exilicauda Baird & Girard</i> | yes | Rs RM | NR | common |
| Hardhead | <i>Mylopharodon conocephalus (Baird & Girard)</i> | yes | Rs RM | V, FH | abundant |
| Sacramento Splittail | <i>Pogonichthys macrolepidotus (AyRs)</i> | yes | RM | V | occasional |
| Sacramento Squawfish | <i>Ptychocheilus grandis (AyRs)</i> | yes | Rs RM | V, FH | common |
| California Roach | <i>Lavinia symmetricus (Baird & Girard)</i> | yes | Rs RM | FH | abundant |
| Speckled Dace | <i>Rhinichthys osculus (Girard)</i> | yes | Rs | FH | ?? |
| | CATOSTOMIDAE Sucker family | | | | |
| Sacramento Sucker | <i>Catostomus occidentalis AyRs</i> | yes | Rs RM | V, FH | abundant |
| | ICTALURIDAE Catfish family | | | | |
| White Catfish | <i>Ictalurus catus (Linnaeus)</i> | no | Rs | V | occasional |
| Channel Catfish | <i>Ictalurus punctatus Rafinesque</i> | no | Rs | NR | common |
| Brown Bullhead | <i>Ictalurus nebulosus (LeSueur)</i> | no | Rs | NR | common |
| Black Bullhead | <i>Ictalurus melas (Rafinesque)</i> | no | Rs | NR | common |
| | POECILIIDAE Livebearer family | | | | |
| Mosquitofish | <i>Gambusia affinis (Baird & Girard)</i> | no | Rs | V | common |
| | GASTEROSTEIDAE Stickleback family | | | | |
| Threespine stickleback | <i>Gasterosteus aculeatus Linnaeus</i> | yes | Rs | NR | common |
| | PERCICHTHYIDAE Temperate Bass family | | | | |
| Striped Bass | <i>Morone saxatilis (Walbaum)</i> | no | Ad | NR | occasional |
| | CENTRARCHIDAE Sunfish and Black bass family | | | | |

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|-----------------------------|--|---------|--------|-----------|------------|
| Bluegill | <i>Lepomis macrochirus Rafinesque</i> | no | Rs | NR | common |
| Redear Sunfish | <i>Lepomis microlophus (Gunther)</i> | no | Rs | NR | common |
| Green Sunfish | <i>Lepomis cyanellus Rafinesque</i> | no | Rs | V | common |
| Warmouth | <i>Lepomis gulosus (Cuvier)</i> | no | Rs | NR | occasional |
| White Crappie | <i>Poinoxis annularis Rafinesque</i> | no | Rs | NR | uncommon |
| Black Crappie: | <i>Poinoxis nigromaculatus (Lesueur)</i> | no | Rs | NR | uncommon |
| Largemouth Bass | <i>Micropterus salmoides (Lacepede)</i> | no | Rs | NR | common |
| Smallmouth Bass | <i>Micropterus dolomieu Lacepede</i> | no | Rs | V | abundant |
| | ENIBIOTOCIDAE Surfperch family | | | | |
| Tule Perch | <i>Hysterocarpus traski Gihbons</i> | yes | RS | NR | common |
| | COTTUAE Sculpin family | | | | |
| Prickly Sculpin | <i>Cottus asper Richardson</i> | yes | Rs | NR | common |
| Riffle Sculpin | <i>Cottus gulosus (Girard)</i> | yes | Rs | V, FH | abundant |
| | SALAMANDRIDAE Newt family | | | | |
| California Newt | <i>Taricha torosae</i> | yes | Rs | FH | common |
| | BUFONEDAE Toad family | | | | |
| Western Toad | <i>Bufo boreas</i> | yes | Rs | V, FH | abundant |
| | HYLIDAE Treefrog family | | | | |
| Pacific Tree Frog | <i>Hyla (Pseudacris) regilla</i> | yes | Rs | V, FH, Mt | abundant |
| | RANIDAE True Frog family | | | | |
| Foothill yellow-legged Frog | <i>Rana boy I ii</i> | yes | Rs | FH~ Mt | common |
| Bullfrog | <i>Rana catesbeiana</i> | no | Rs | V | abundant |
| | PELOBATIDAE Spadefoot Toad family | | | | |
| Western Spadefoot Toad | <i>Scaphiopus hammondi</i> | yes | Rs | V, FH | uncommon |
| | TESTUDINIDAE Turtle family | | | | |
| Pacific Pond Turtle | <i> Clemmys marmorata</i> | yes | Rs | V, FH | uncommon |
| | COLUBRIDAE Colubrid snake family | | | | |
| Common Gartersnake | <i>Thamnophis sirtalis</i> | yes | Rs | V, FH, Mt | common |
| | Western Terrestrial Gartersnake | | | | |
| Western Aquatic Gartersnake | <i>Thamnophis elegans</i> | yes | Rs | V, FH, Mt | common |
| | Western Aquatic Gartersnake | | | | |
| Beaver | <i>Thamnophis couchi</i> | yes | Rs | V, FH, Mt | common |
| | CASTORIDAE Beaver family | | | | |
| | <i>Castor canadensis</i> | yes | M | V, FH, Mt | common |
| | PROCYONIDAE Raccoon family | | | | |
| Raccoon | <i>Procyon lotor</i> | Yes | M | V, FH, Mt | abundant |

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|--------------------|---|---------|--------|-----------|------------|
| Muskkrat | CRICETIDAE Mouse family <i>Ondatra zibethica</i> | yes | M | V, FH | uncommon |
| River Otter | MUSTELIDAE Weasel family <i>Lutra canadensis</i> | yes | M | V, FH, Mt | uncommon |
| American Dipper | CINCLIDAE Dipper family <i>Cinclus mexicanus</i> | yes | M | FH, Mt | common |
| Belted Kingfisher | ALCEDINIDAE Kingfisher family <i>Ceryle alcyon</i> | | M | V, FH, Mt | common |
| Great Blue Heron | ARDEIDAE Heron family <i>Ardea herodias</i> | yes | M | V, FH | common |
| Great Egret | <i>Casmerodius albus</i> | yes | M | V, FH | occasional |
| Green-Backed Heron | <i>Butorides striatus</i> | yes | M | V, FH | common |
| Greater Yellowlegs | SCOLOPACIDAE Sandpiper family <i>Tringa melanoleuca</i> | yes | M | V, FH | occasional |
| Killdeer | CHARADRIIDAE Plover family <i>Charadrius vociferus</i> | yes | M | V, FH, Mt | abundant |
| Pied-billed Grebe | PODICIPEDIDAE Grebe family <i>Podilymbus podiceps</i> | yes | M | V, FH | occasional |
| Wood Duck | ANATIDAE Waterfowl family <i>Aix sponsa</i> | yes | M | V, FH, Mt | common |
| Mallard | <i>Anas platyrhynchos</i> | yes | M | V, FH, Mt | common |
| Common Merganser | <i>Mergus merganser</i> | yes | M | V, FH, Mt | common |

Habit*

Rs *Resident*

RM *River Resident (migrates into creek for spawning or rearing)*

Ad *Anadromous*

M *Mobile, not confined to the creek*

Zone**

NR *Near River (within 2 miles)*

V *Central Valley Zone of Creek*

FH *Foothill Zone of Creek*

Mt *Mountain Zone of Creek*

Status***

abundant *Many found in each appropriate habitat unit*

common *A few in each appropriate habitat unit*

uncommon *One or two in every 10 appropriate habitat units*

occasional *Unusual, but has been reported from the creek or is common in the river nearby*

?? *Reported from similar habitats in the area, but not yet from the Big Chico creek watershed.*

AQUATIC INVERTEBRATES OBSERVED IN THE BIG CHICO WATERSHED

| Phylum | Class | Order | Family | Sci Name | Site | Drainage |
|------------------------|-----------|----------------|-----------------|---------------------------------|----------------------------|-------------|
| Platyhelminthes | | | | | | |
| Nematoda | | Tricladia | | <i>Dugesid sp.</i> | many | Chico Creek |
| Annelida | | Oligochaeta | Naididae | <i>Nematoda</i> | many sp. | Chico Creek |
| Annelida | | Oligochaeta | Lumbriculidae | <i>Chaetogaster sp.</i> | Foothill & Valley | Chico Creek |
| Arthropoda | Crustacea | Decapoda | Astacidae | <i>Unid. Lum.</i> | many | Chico Creek |
| Arthropoda | Crustacea | Decapoda | Astacidae | <i>Orconectes virifis</i> | river to upper end Bidwell | Chico Creek |
| Arthropoda | Crustacea | Decapoda | Astacidae | <i>Pacifastacus leniusculus</i> | Up. Bid. Detox | Chico Creek |
| Arthropoda | Crustacea | Decapoda | Astacidae | <i>Procambarus clarkii</i> | lower creek | Chico Creek |
| Arthropoda | Insecta | Ephemeroptera | Siphonuridae | <i>Ameletus sp.</i> | Warner St | Chico Creek |
| Arthropoda | Insecta | Ephemeroptera | Siphonuridae | <i>Siphonurus occidentalis</i> | valley | Chico Creek |
| Arthropoda | Insecta | Ephemeroptera | Baetidae | <i>Baefis bicaudatus</i> | foothills | Chico Creek |
| Arthropoda | Insecta | Ephemeroptera | Baetidae | <i>Baefis tricaudatus</i> | foothills | Chico Creek |
| Arthropoda | Insecta | Ephemeroptera | Baetidae | <i>Callibaefis sp.</i> | seasonal reaches | Mud Creek |
| Arthropoda | Insecta | Ephemeroptera | Baetidae | <i>Centropitium sp.</i> | foothills | Chico Creek |
| Arthropoda | Insecta | Ephemeroptera | Baetidae | <i>Pseudocloeon sp.</i> | foothills | Chico Creek |
| Arthropoda | Insecta | Ephemeroptera | Oligoneuridae | <i>Isonychia velma</i> | foothills | Chico Creek |
| Arthropoda | Insecta | Ephemeroptera | Heptageniidae | <i>Cinygma sp.</i> | Ponderosa Way | Chico Creek |
| Arthropoda | Insecta | Ephemeroptera | Heptageniidae | <i>Epeorus longimanus</i> | many | Chico Creek |
| Arthropoda | Insecta | Ephemeroptera | Heptageniidae | <i>Ironodes nifidus</i> | foothills | Chico Creek |
| Arthropoda | Insecta | Ephemeroptera | Heptageniidae | <i>Leucrocota sp.</i> | seasonal reaches | Mud Creek |
| Arthropoda | Insecta | Ephemeroptera | Heptageniidae | <i>Rithrogena doddsi</i> | foothills | Chico Creek |
| Arthropoda | Insecta | Ephemeroptera, | Ephemerellidae | <i>Attenella sp.</i> | NR | Chico Creek |
| Arthropoda | Insecta | Ephemeroptera, | Ephemerellidae | <i>Caudatella heterocauda</i> | Campbell Cr | Chico Creek |
| Arthropoda | Insecta | Ephemeroptera | Ephemerellidae | <i>Caudatella hystrix</i> | Ponderosa way | Chico Creek |
| Arthropoda | Insecta | Ephemeroptera | Ephemerellidae | <i>Drunella coloradensis</i> | foothills and valley | Chico Creek |
| Arthropoda | Insecta | Ephemeroptera | Ephemerellidae | <i>Drunella doddsi</i> | foothills and valley | Chico Creek |
| Arthropoda | Insecta | Ephemeroptera | Ephemerellidae | <i>Drunella flavilinea</i> | valley | Chico Creek |
| Arthropoda | Insecta | Ephemeroptera | Ephemerellidae | <i>Drunella grandis</i> | many | Chico Creek |
| Arthropoda | Insecta | Ephemeroptera | Ephemerellidae | <i>Ephemerella inermis</i> | foothills | Chico Creek |
| Arthropoda | Insecta | Ephemeroptera | Ephemerellidae | <i>Ephemerella maculata</i> | seasonal reaches | Mud Creek |
| Arthropoda | Insecta | Ephemeroptera | Ephemerellidae | <i>Eurylophella lo&</i> | seasonal reaches | Mud Creek |
| Arthropoda | Insecta | Ephemeroptera | Ephemerellidae | <i>Seratella micheneri</i> | many | Chico Creek |
| Arthropoda | Insecta | Ephemeroptera, | Tricorythidae | <i>Tricorythodesfallax</i> | foothills | Chico Creek |
| Arthropoda | Insecta | Ephemeroptera | Caenidae | <i>Caenis sp.</i> | Upper Bidwell | Chico Creek |
| Arthropoda | Insecta | Ephemeroptera | Leptophlebiidae | <i>Paraleptophlebia sp.</i> | Ponderosa Way up | Chico Creek |

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| Phylum | Class | Order | Family | Sci Name | Site | Drainage |
|-------------|----------|---------------|-------------------|--------------------------------|---------------------------------|-------------|
| Arthropoda | Insecta. | Ephemeroptera | Ephemeridae | <i>Hexagenia limbata</i> | mouth | Chico Creek |
| Arthropoda | Insecta | Odonata | Cordulegasteridae | <i>Cordulegaster dorsalis</i> | Chico Meadows, Upper Bidwell | Chico Creek |
| Arthropoda | Insecta | Odonata | Gomphidae | <i>Gomphus confaterrus</i> | Valley | Chico Creek |
| Arthropoda | Insecta | Odonata | Gomphidae | <i>Octogomphus specularis</i> | Ponderosa Way up | Chico Creek |
| Arthropoda | Insecta | Odonata | Gomphidae | <i>Ophogomphus bison</i> | Ponderosa Way down | Chico Creek |
| Arthropoda | Insecta | Odonata | Gomphidae | <i>Progomphus borealis</i> | Valley | Chico Creek |
| Arthropoda | Insecta. | Odonata | Aeshnidae | <i>Aeshna interrupta</i> | many | Chico Creek |
| Arthropoda | Insecta | Odonata | Aeshnidae | <i>Anoxjunerus</i> | many | Chico Creek |
| Arthropoda | Insecta | Odonata | Macromiidae | <i>Macromia magnifica</i> | Hall Ranch | Rock Creek |
| Arthropoda | Insecta. | Odonata | Macromiidae | <i>Macromia magnifica</i> | Upper Park | Chico Creek |
| Arthropoda | Insecta. | Odonata. | Corduliidae | <i>Neurocordulia sp.</i> | Hall Ranch | Rock Creek |
| Arthropoda | Insecta | Odonata | Libellulidae | <i>Brechmorhoga mendax</i> | foothills/valley | Chico Creek |
| Arthropoda | Insecta. | Odonata | Libellulidae | <i>Libellula luctosa</i> | seasonal reaches | Mud Creek |
| Arthropoda | Insecta | Odonata | Libellulidae | <i>Pachydiplax longipennis</i> | seasonal reaches | Mud Creek |
| Arthropoda | Insecta | Odonata | Libellulidae | <i>Plathemis subornata</i> | seasonal reaches | Mud Creek |
| Arthropoda | Insecta | Odonata | Libellulidae | <i>Tamnetrum corruption</i> | Higgins Hole | Chico Creek |
| Arthropoda | Insecta | Odonata | Calopterygidae | <i>Hetaerina americana</i> | Upper Park | Chico Creek |
| Arthropoda | Insecta | Odonata | Lestidae | <i>Archilestes californica</i> | Higgins Hole | Chico Creek |
| Arthropoda | Insecta | Odonata | Coenagrionidae | <i>Argia emma</i> | foothills/valley | Chico Creek |
| Arthropoda | Insecta | Odonata | Coenagrionidae | <i>Argia vivida</i> | foothills/valley | Chico Creek |
| Arthropoda | Insecta | Odonata | Coenagrionidae | <i>Isnura sp.</i> | seasonal reaches | Mud Creek |
| Arthropoda | Insecta | Plecoptera | Pteronarcidae | <i>Pteronarcys californica</i> | many | Chico Creek |
| Arthropoda | Insecta | Plecoptera. | Peltoperlidae | <i>Stiropaperla cora</i> | Highway 32 (Mt), Campbell Creek | Chico Creek |
| Arthropoda | Insecta. | Plecoptera | Peltoperlidae | <i>Yoraperla brevis</i> | Highway 32 (Mt) | Chico Creek |
| Arthropoda | Insecta | Plecoptera | Taeniopterygidae | <i>Taenionema sp.</i> | Upper Bidwell up | Chico Creek |
| Arthropoda | Insecta | Plecoptera | Nemuridae | <i>Amphinemura SP.</i> | Upper Bidwell up | Chico Creek |
| Arthropoda | Insecta | Plecoptera | Nemouridae | <i>Malenka SP.</i> | Upper Bidwell up | Chico Creek |
| Arthropoda | Insecta | Plecoptera | Nemouridae | <i>Zapada sp.</i> | Upper Bidwell up | Chico Creek |
| Arthropoda | Insecta | Plecoptera | Leuctriidae | <i>Moselia infitscata</i> | Upper Bidwell | Chico Creek |
| Arthropoda | Insecta | Plecoptera | Capniidae | <i>Mesocapnia werneri</i> | Mud Creek (valley) | Chico Creek |
| Arthropoda | Insecta | Plecoptera | Perlidae | <i>Calineuria californica</i> | many | Chico Creek |
| Arthropoda. | Insecta | Plecoptera | Perlidae | <i>Claassentia sebulosa</i> | Ponderosa way up | Chico Creek |
| Arthropoda | Insecta | Plecoptera | Perlidae | <i>Doroneuria theodora</i> | Ponderosa way up | Chico Creek |
| Arthropoda | Insecta | Plecoptera | Perlidae | <i>Hesperoperla hoguei</i> | Highway 32 (Mt), Cascade Creek | Chico Creek |

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| Phylum | Class | Order | Family | Sci Name | Site | Drainage |
|--------------|----------|-------------|-------------------|--------------------------|--------------------------------|-------------|
| A. rthropoda | Insecta | Plecoptera | Perlidae | Hesperoperlapacifica | many | Chico Creek |
| Arthropoda | Insecta | Plecoptera | Perlidae | cultus SP. | many | Chico Creek |
| Arthropoda | Insecta. | Plecoptera | Perlidae | Isoperla sp | many | Chico Creek |
| Arthropoda | Insecta | Plecoptera | Perlidae | Oroperla sp. | Highway 32 (Mt), Chico Meadows | Chico Creek |
| Arthropoda | Insecta | Plecoptera | Perlidae | Osobenus sp. | Golf Course | Chico Creek |
| Arthropoda | Insecta | Plecoptera | Perlidae | Perfinodes sp. | Ponderosa Way up | Chico Creek |
| Arthropoda | Insecta | Plecoptera | Perlidae | Pictetiella sp. | NR | Chico Creek |
| Arthropoda | Insecta | Plecoptera | Perlidae | Setvena sp. | Ponderosa Way | Chico Creek |
| Arthropoda | Insecta | Plecoptera | Chloroperlidae | Sweltza pacifi ca | Upper Bidwell | Chico Creek |
| Arthropoda | Insecta | Plecoptera | Chloroperlidae | Sweltza townesi | Soda Springs | Chico Creek |
| Arthropoda | Insecta | Hemiptera | Gerridae | Gerris remigis | many | Chico Creek |
| Arthropoda | Insecta | Hemiptera | Veliidae | Microvelia sp. | Bidwell Pk | Chico Creek |
| Arthropoda | Insecta | Hemiptera | Veliidae | Rhagovelia sp. | many | Chico Creek |
| Arthropoda | Insecta | Hemiptera | Coriixidae | Graptocorixa californica | Valley | Chico Creek |
| Arthropoda | Insecta | Hemiptera | Belostomidae | Abedus indentatus | foothills & Mts. | Chico Creek |
| Arthropoda | Insecta | Hemiptera | Belostomidae, | Abedus indentatus | Hall ranch | Rock Creek |
| Arthropoda | Insecta | Hemiptera | Naucoridae | Ambrysus mormon | Valley | Chico Creek |
| Arthropoda | Insecta | Hemiptera | Belostomidae | Belostomaflumineum | Upper Park | Chico Creek |
| Arthropoda | Insecta | Hemiptera | Gelastocoridae | Gelastocoris oculatus | Upper Bidwell | Chico Creek |
| Arthropoda | Insecta | Megaloptera | Sialidae | Sialis californicus | Bidwell Park | Chico Creek |
| Arthropoda | Insecta | Megaloptera | Sialidae | Sialis californicus | many | Chico Creek |
| Arthropoda | Insecta | Megaloptera | Corydalidae | Corydalus cognata | Bidwell lower Park | Chico Creek |
| Arthropoda | Insecta | Megaloptera | Corydalidae | Dysmicohermes | Mountain tributaris | Chico Creek |
| Arthropoda | Insecta | Megaloptera | Corydalidae | Neohermes californicus | Hall Ranch | Rock Creek |
| Arthropoda | Insecta | Megaloptera | Corydalidae | Neohermes californicus | seasonal reaches | Mud Creek |
| Arthropoda | Insecta | Megaloptera | Corydalidae | Orohermes crepusculus | Highway 32 (Mt) | Chico Creek |
| Arthropoda | Insecta | Trichoptera | Philopotamidae | Chimarra sp. | many | Chico Creek |
| Arthropoda | Insecta | Trichoptera | Philopotamidae | Dolophilodes sp. | Chico Meadows | Chico Creek |
| Arthropoda | Insecta | Trichoptera | Philopotamidae | Wormaldia sp. | Ponderosa Way up | Chico Creek |
| Arthropoda | Insecta | Trichoptera | Psychomyiidae | Tinodes sp. | Upper Bidwell | Chico Creek |
| Arthropoda | Insecta | Trichoptera | Polycentropodidae | Polycentropus sp. | Ponderosa Way up | Chico Creek |
| Arthropoda | Insecta | Trichoptera | Polycentropodidae | Polypplectropus sp. | Campbell Creek | Chico Creek |
| Arthropoda | Insecta | Trichoptera | Hydropsychidae | Arctopsyche sp. | Ponderosa Way up | Chico Creek |
| Arthropoda | Insecta | Trichoptera | Hydropsychidae | Cheumatopsyche sp. | foothills & valley | Chico Creek |

AQUATIC LWERTEBRATES OBSERVED IN THE BIG CHICO WATERSHED

| Phylum | Class | Order | Family | Sci Name | Site | Drainage |
|------------|---------|-------------|------------------|------------------------------------|------------------------------------|-------------|
| Arthropoda | Insecta | Trichoptera | Hydropsychidae | <i>Hydropsyche sp.</i> | many | Chico Creek |
| Arthropoda | insecta | Trichoptera | Rhyacophilidae | <i>Rhyacophila spp.</i> | many | Chico Creek |
| Arthropoda | Insecta | Trichoptera | Glossosomatidae | <i>Agapetus sp.</i> | many | Chico Creek |
| Arthropoda | Insecta | Trichoptera | Glossosomatidae | <i>Anagapetus sp.</i> | many | Chico Creek |
| Arthropoda | Insecta | Trichoptera | Glossosomatidae | <i>Glossosoma sp.</i> | many | Chico Creek |
| Arthropoda | Insecta | Trichoptera | Glossosomatidae | <i>Prototilla sp.</i> | Upper Bidwell up | Chico Creek |
| Arthropoda | Insecta | Trichoptera | Hydroptilidae | <i>Hydroptila sp.</i> | Upper Bidwell up | Chico Creek |
| Arthropoda | Insecta | Trichoptera | Hydroptilidae | <i>Leucotrichia sp.</i> | Upper Bidwell up | Chico Creek |
| Arthropoda | Insecta | Trichoptera | Hydroptilidae | <i>Mayatrichia sp.</i> | Upper Bidwell up | Chico Creek |
| Arthropoda | Insecta | Trichoptera | Hydroptilidae | <i>Ochrotrichia sp.</i> | Upper Bidwell up | Chico Creek |
| Arthropoda | Insecta | Trichoptera | Hydroptilidae | <i>Orthotrichia sp.</i> | Ponderosa Way | Chico Creek |
| Arthropoda | Insecta | Trichoptera | Hydroptilidae | <i>Palaagapetus sp.</i> | NR | Chico Creek |
| Arthropoda | Insecta | Trichoptera | Brachycentridae | <i>Amiocentrus sp.</i> | Upper Bid Prk | Chico Creek |
| Arthropoda | Insecta | Trichoptera | Brachycentridae | <i>Brachycentrus americana</i> | Ponderosa Way, Campbell Creek, etc | Chico Creek |
| Arthropoda | Insecta | Trichoptera | Brachycentridae | <i>Micrasema sp.</i> | many | Chico Creek |
| Arthropoda | Insecta | Trichoptera | Limnephilidae | <i>Apatania sp.</i> | Chico Meadows | Chico Creek |
| Arthropoda | Insecta | Trichoptera | Limnephilidae | <i>Dicosmoecus sp.</i> | Campbell Cr | Chico Creek |
| Arthropoda | Insecta | Trichoptera | Limnephilidae | <i>Goera sp.</i> | Chico Meadows | Chico Creek |
| Arthropoda | Insecta | Trichoptera | Limnephilidae | <i>Neophylax sp.</i> | Campbell Cr. | Chico Creek |
| Arthropoda | Insecta | Trichoptera | Limnephilidae | <i>Clostecca sp.</i> | Chico Meadows | Chico Creek |
| Arthropoda | Insecta | Trichoptera | Limnephilidae | <i>Psychoslypha sp.</i> | Campbell Cr. | Chico Creek |
| Arthropoda | Insecta | Trichoptera | Lepidostomatidae | <i>Lepidostoma sp.</i> | many | Chico Creek |
| Arthropoda | Insecta | Trichoptera | Sericostomatidae | <i>Gumaga sp.</i> | many | Chico Creek |
| Arthropoda | Insecta | Trichoptera | Odontoceridae | <i>Marilia sp.</i> | Upper Bidwell | Chico Creek |
| Arthropoda | Insecta | Trichoptera | Helicopsychidae | <i>Helicopsyche borealis</i> | Upper Bidwell up | Chico Creek |
| Arthropoda | Insecta | Trichoptera | Calamoceratidae | <i>Heteroplectron californicum</i> | Campbell Creek | Chico Creek |
| Arthropoda | Insecta | Trichoptera | Leptoceridae | <i>Ceraclea sp.</i> | NR | Chico Creek |
| Arthropoda | Insecta | Trichoptera | Leptoceridae | <i>Mystacides sp.</i> | Campbell Cr | Chico Creek |
| Arthropoda | Insecta | Trichoptera | Leptoceridae | <i>Mystacides sp.</i> | Lindo Channel | Chico Creek |
| Arthropoda | Insecta | Trichoptera | Leptoceridae | <i>Oecetis sp.</i> | Upper Bidwell up | Chico Creek |
| Arthropoda | Insecta | Lepidoptera | Pyralidae | <i>Petrophila confusalis</i> | Upper Bidwell up | Chico Creek |
| Arthropoda | Insecta | Coleoptera | Gyrinidae | | upper watershed | Chico Creek |
| Arthropoda | Insecta | Coleoptera | Dytiscidae | <i>Agabusjugens</i> | Chico Meadows | Chico Creek |
| Arthropoda | Insecta | Coleoptera | Dytiscidae | <i>Agabus lineatus</i> | Chico Meadows | Chico Creek |

AQUATIC INVERTEBRATES OBSERVED IN THE BIG CHICO WATERSHED

| Phylum | Class | Order | Family | Sci Name | Site | Drainage |
|-------------|----------|-------------|-----------------|---------------------------------|--------------------|-------------|
| Arthropoda | Insecta | Coleoptera. | Hydrophilidae | <i>Hydrophilus triangularis</i> | Upper Bidwell down | Chico Creek |
| Arthropoda | Insecta | Coleoptera. | Hydrophilidae | <i>Tropisternus sp.</i> | seasonal reaches | Mud Creek |
| Arthropoda | Insecta | Coleoptera | Psephenidae | <i>Acneus sp.</i> | Highway 32 (Mt) | Chico Creek |
| Arthropoda | Insecta | Coleoptera | Psephenidae | <i>Eubrianax edwardsi</i> | Upper Bidwell up | Chico Creek |
| Arthropoda | Insecta | Coleoptera | Psephenidae | <i>Psephenus haldemani</i> | Upper Bidwell down | Chico Creek |
| Arthropoda | Insecta | Coleoptera | Dryopidae | <i>Helichus sp.</i> | Upper Bidwell | Chico Creek |
| Arthropoda | Insecta | Coleoptera | Elmidae | <i>Ampumixus sp.</i> | Highway 32 (Mt) | Chico Creek |
| Arthropoda | Insecta | Coleoptera | Elmidae | <i>Cleptelmis sp.</i> | Highway 32 (Mt) | Chico Creek |
| Arthropoda | Insecta | Coleoptera. | Elmidae | <i>Gonielmis sp.</i> | Highway 32 (Mt) | Chico Creek |
| Arthropoda | Insecta | Coleoptera | Elmidae | <i>Heterlimnius sp.</i> | Highway 32 (Mt) | Chico Creek |
| Arthropoda | Insecta | Coleoptera | Elmidae | <i>Lara sp.</i> | Highway 32 (Mt) | Chico Creek |
| Arthropoda | Insecta | Coleoptera | Elmidae | <i>Macronychus sp.</i> | Ponderosa Way | Chico Creek |
| Arthropoda | Insecta | Coleoptera | Elmidae | <i>Narpus angustus</i> | many | Chico Creek |
| Arthropoda | Insecta | Coleoptera | Elmidae | <i>Optioservus</i> | many | Chico Creek |
| | | | | <i>quadrinaculatus</i> | | |
| Arthropoda. | Insecta | Coleoptera | Elmidae | <i>Ordobrevia nubifera</i> | Upper Bidwell | Chico Creek |
| Arthropoda | Insecta | Coleoptera | Ehnidae | <i>Promoresia sp.</i> | Hy 32 | Chico Creek |
| Arthropoda | Insecta | Coleoptera. | Sphaeriidae | <i>Sphaerius sp.</i> | Ponderosa Way | Chico Creek |
| Arthropoda | Insecta | Coleoptera | Elmidae | <i>Zaitzevia parvula</i> | many | Chico Creek |
| Arthropoda | Insecta. | Coleoptera | Philodactilidae | <i>Stenocolus scutellaris</i> | many | Chico Creek |
| Arthropoda | Insecta | Diptera | Blephariceridae | <i>Blepharicera sp.</i> | Upper Bidwell | Chico Creek |
| Arthropoda | Insecta | Diptera | Psychodidae | <i>Mariuina sp.</i> | Upper Park | Chico Creek |
| Arthropoda | Insecta | Diptera | Tipulidae | <i>Antocha sp.</i> | many | Chico Creek |
| Arthropoda | Insecta | Diptera | Tipulidae | <i>Dicranota sp.</i> | Upper Bidwell up | Chico Creek |
| Arthropoda | Insecta | Diptera | Tipulidae | <i>Heratoma sp.</i> | Upper Bidwell up | Chico Creek |
| Arthropoda | Insecta | Diptera | Tanyderidae | <i>Protanyderus sp.</i> | NR | Chico Creek |
| Arthropoda. | Insecta | Diptera. | Tipulidae | <i>Tipula sp.</i> | Warner St | Chico Creek |
| Arthropoda | Insecta | Diptera | Simuliidae | <i>simulium SP.</i> | many | Chico Creek |
| Arthropoda | Insecta | Diptera | Chironomidae | <i>Cardiocladius sp.</i> | NR | Chico Creek |
| Arthropoda | Insecta | Diptera | Chironomidae | <i>Chironomids</i> | many | Chico Creek |
| Arthropoda | Insecta | Diptera | Chironomidae | <i>Orthocladinids</i> | many | Chico Creek |
| Arthropoda | Insecta | Diptera | Chironomidae | <i>Tanytarsus sp.</i> | many | Chico Creek |
| Arthropoda | Insecta | Diptera | Chironomidae | <i>Zavrelimyia sp.</i> | NR | Chico Creek |
| Arthropoda | Insecta | Diptera | Ceratopogonidae | <i>Bezzia sp.</i> | Ponderosa Way | Chico Creek |

AQUATIC INVERTEBRATES OBSERVED IN THE BIG CHICO WATERSHED

| Phylum | Class | Order | Family | Sci Name | Site | Drainage |
|---------------|-------------|----------------|---------------|----------------------------------|------------------------------|-------------|
| Arthropoda. | Insecta | Diptera | Dixidae | <i>Dixa sp.</i> | Ponderosa Way | Chico Creek |
| Arthropoda. | Insecta | Diptera | Tabanidae | <i>silvius SP.</i> | NR | Chico Creek |
| Arthropoda, | Insecta | Diptera | Athericidae | <i>Atherix variegata</i> | many | Chico Creek |
| Arthropoda | Insecta | Diptera | Stratiomyidae | <i>Euparyphus sp.</i> | Upper Bidwell | Chico Creek |
| Arthropoda | Insecta | Diptera | Stratiomyidae | <i>Stratiomys sp.</i> | Upper Bidwell | Chico Creek |
| Arthropoda | Insecta | Diptera | Empididae | <i>Chelifera sp.</i> | Ponderosa Way | Chico Creek |
| Arthropoda | Insecta | Diptera | Empididae | <i>Hemerodromia sp.</i> | Ponderosa Way | Chico Creek |
| Arthropoda | fnsecta | Diptera | Empididae | <i>Weidmannii sp.</i> | Ponderosa Way | Chico Creek |
| Arthropoda | Arachnida | Hydracarina | | | many | Chico Creek |
| Mollusca | Gastropoda | Mesogastropoda | Pleuroceridae | <i>Juga nigrina</i> | upper watershed | Chico Creek |
| Mollusca | Gastropoda. | Mesogastropoda | | <i>Lithophagus turbidiformes</i> | upper watershed | Chico Creek |
| Mollusca | Gastropoda | Lymnophila | Ancylidae | <i>Ferresia californica</i> | Upper Bidwell | Chico Creek |
| Mollusca | Gastropoda. | Lymnophila. | Planorbidae | <i>Gyraulus parvus</i> | Upper Bidwell | Chico Creek |
| Mollusca | Gastropoda | Lymnophila | Physidae | <i>Physa gyrina</i> | Ponderosa Way and downstream | Chico Creek |
| Moll/Bivalvia | Bivalvia | Unionoida | Anodontidae | <i>Anodonta californica</i> | Ponderosa Way | Chico Creek |
| Moll/Bivalvia | Bivalvia | | Corbiculidae | <i>Corbicula mandensis</i> | Five Mile and downstream | Chico Creek |
| Moll/Bivalvia | Bivalvia | Veneroida | Sphaeriidae | <i>Sphaerium sp.</i> | Chico Meadows | Chico Creek |