

State Hygienic Laboratory

Ciha\_Pechman Taxa List

SITE	DATE	Ciha Fen	Ciha Fen	Pechman Cr	Pechman Cr - Downstream	Pechman Cr - Upstream	Ciha Fen
KPCOF	G/S	4/17/17	6/1/17	4/17/17	6/12/17	6/12/17	6/21/17
Animalia							
Annelida							
Clitellata							
Oligochaeta (aquatic worms)						X	
Hirudinea (leeches)							
Arhynchobdellida							
Erpobdellidae		X					
<i>Erpobdella microstoma</i>						X	X
Rhynchobdellida							
Glossophonidae							
<i>Helobdella stagnalis</i>					X		X
<i>Placobdella montifera</i>						X	
<i>Placobdella multilineata</i>							X
<i>Placobdella papilifera</i>							X
<i>Placobdella parasitica</i>					X		X
<i>Placobdella phalera</i>							X
<i>Placobdella picta</i>							X
Piscicolidae							
<i>Myzobdella lugubris</i>					X		
Arthropoda							
Arachnida							
Trombidiformes (water mites)							X
Insecta							
Coleoptera							
Carabidae							
<i>Bembidion sp. (TERRESTRIAL)</i>			X				
Dytiscidae (predaceous diving beetles)							
<i>Acilius fraternus</i>						X	
<i>Celina hubbelli</i>			X				
<i>Coelambus dissimilis</i>							X
<i>Coptotomus longulus</i>					X	X	
<i>Cybister fimbriolatus</i>							X
<i>Graphoderus sp.</i>							X
<i>Graphoderus liberus</i>		X					X
<i>Hydroporus niger</i>							X
<i>Hydrovatus pustulatus</i>							X
<i>Hygrotus sayi</i>		X					X
<i>Ilybius biguttulus</i>			X				
<i>Ilybius oblitus (New state record)</i>							X
<i>Laccophilus sp.</i>							X
<i>Laccophilus maculosus</i>							X
<i>Neoporus sp.</i>						X	
<i>Neoporus dimidiatus</i>						X	
<i>Neoporus undulatus</i>		X				X	X
Elmidae (riffle beetles)							
<i>Dubiraphia minima</i>					X		
<i>Dubiraphia quadrinotata</i>						X	
<i>Macronychus glabratus</i>					X	X	
Gyrinidae (whirligig beetles)							
<i>Dineutus sp.</i>					X	X	
<i>Dineutus assimilis</i>					X	X	
<i>Gyrinus analis</i>				X			
Halipidae (crawling water beetles)							
<i>Halipus sp.</i>							X
<i>Halipus immaculicollis</i>							X
<i>Peltodytes edentulus</i>				X	X	X	X
Helophoridae (water scavenger beetle)							
<i>Helophorus linearis</i>					X		
Hydrophilidae (water scavenger beetles)							
<i>Berosus infuscatus</i>			X	X			
<i>Berosus pantherinus</i>				X			
<i>Enochrus cinctus</i>			X				X
<i>Enochrus hamiltoni</i>							X
<i>Hydrochara spangleri</i>				X			
<i>Hydrophilus triangularis</i>			X				
<i>Tropisternus sp.</i>							X
<i>Tropisternus blatchleyi</i>							X
<i>Tropisternus collaris</i>			X				
<i>Tropisternus lateralis</i>							X
<i>Tropisternus mixtus</i>				X			

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	<i>Tropisternus natator</i>					X	
	Noteridae (burrowing water beetles)						
	<i>Hydrocanthus sp.</i>						X
	<i>Hydrocanthus iricolor</i>	X					X
	<i>Suphisellus puncticollis (New state record)</i>	X					X
	Phengodidae (glowworm beetle)						
	<i>Phenogodus sp.</i>						
	Scarabaeidae						
	<i>Ataenius sp. TERRESTRIAL</i>		X				
	<i>Copris minutus TERRESTRIAL</i>		X				
	<i>Diplotaxis sp. TERRESTRIAL</i>		X				
	<i>Phyllophaga sp. TERRESTRIAL</i>		X				
	<i>Tomarus gibbosus TERRESTRIAL</i>		X				
	Scirtidae (marsh beetles)						
	<i>Cyphon sp.</i>				X	X	X
	Diptera (flies)						
	Ceratopogonidae (biting midges)		X				
	Chaoboridae (phantom midge)						
	<i>Chaoborus sp.</i>						X
	Chironomidae (non-biting midges)				X	X	X
	<i>Ablabesmyia sp.</i>						
	<i>Cryptochironomus sp.</i>						
	<i>Endochironomus sp.</i>						
	<i>Glyptotendipes sp.</i>						
	<i>Polypedilum sp.</i>						
	<i>Thienemannimyia sp.</i>						
	Culicidae (mosquitoes)				X		
	<i>Anopheles sp.</i>				X		
	Muscidae						
	Simuliidae (blackflies)						
	<i>Simulium sp.</i>				X		
	Tabanidae (horse and deerflies)						
	<i>Tabanus/Whitneyomia/Atylotus sp.</i>						X
	Ephemeroptera (mayflies)						
	Baetidae						
	<i>Callibaetis sp.</i>				X		
	<i>Callibaetis fluctuans</i>				X		
	<i>Labiobaetis propinquus</i>				X		
	Caenidae						
	<i>Caenis diminuta</i>					X	
	<i>Caenis latipennis</i>			X	X	X	
	<i>Caenis punctata</i>				X		
	Ephemeridae						
	<i>Hexagenia limbata</i>				X	X	
	Heptageniidae						
	<i>Nixe sp.</i>				X		
	<i>Stenacron interpunctatum</i>				X	X	
	Hemiptera (true bugs)						
	Belostomatidae (giant water bug)						X
	Corixidae (water boatmen)				X	X	
	<i>Hesperocorixa obliqua</i>						X
	<i>Palmacorixa buenoi</i>			X	X		
	<i>Sigara alternata</i>		X				
	<i>Sigara grossolineata</i>						
	<i>Trichocorixa calva</i>				X		
	Gerridae (water strider)						
	<i>Aquarius remigis</i>						X
	Naucoridae (creeping water bug)						
	<i>Pelocoris femoratus</i>				X		X
	Nepidae (water scorpions)						
	<i>Nepa apiculata</i>					X	
	<i>Ranatra sp.</i>						X
	<i>Ranatra nigra</i>				X	X	
	Notonectidae (backswimmers)						
	<i>Bueuoia confusa</i>						X
	<i>Notonecta undulata</i>						X
	Pleidae (pygmy backswimmers)						
	<i>Neoplea sp.</i>					X	X
	Hymenoptera						
	Ichneumonidae						

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	<i>Enicospilus sp.</i>		X				
	<i>Ctenopelmatinae (subfamily)</i>		X				
	Lepidoptera						
	Crambidae						
	<i>Elophila sp.</i>						X
	Megaloptera (alderflies and dobsonflies)						
	Corydalidae						
	<i>Corydalus rastricornus</i>		X				
	Sialidae						
	<i>Sialis sp.</i>			X	X	X	
	Odonata (damselflies and dragonflies)						
	Aeshnidae						
	<i>Anax junius</i>						X
	<i>Nasiaeschna pentacantha</i>			X			
	Coenagrionidae						
	<i>Argia sp.</i>				X	X	
	<i>Coenagrion/Enallagma sp.</i>					X	X
	<i>Enallagma sp.</i>				X	X	
	Corduliidae						
	<i>Epithea princeps</i>						
	Gomphidae						
	<i>Arigomphus submedianus</i>				X		
	Lestidae						
	<i>Lestes congener</i>						X
	Libellulidae						
	<i>Erythemis simplicicollis</i>	X					X
	<i>Libellula luctuosa</i>						X
	<i>Pachydiplax longipennis</i>	X					X
	<i>Sympetrum vicinum</i>						X
	<i>Tramea lacerata</i>						X
	Plecoptera (stoneflies)						
	Perlodidae						
	<i>Isoperla bilineata</i>						
	Trichoptera (caddisflies)						
	Hydropsychidae						
	<i>Cheumatopsyche sp.</i>				X		
	Hydroptilidae				X	X	
	<i>Hydroptila sp.</i>					X	
	Leptoceridae				X		
	<i>Nectopsyche diarina</i>					X	
	<i>Oecetis sp.</i>				X	X	X
	Limnephilidae						
	<i>Pycnopsyche sp.</i>				X	X	
	Polycentropodidae						
	<i>Polycentropus sp.</i>						
	Malacostraca						
	Amphipoda (scuds)						
	Hyaellidae						
	<i>Hyaella sp.</i>				X	X	
	Decapoda (crayfish)						
	Cambaridae				X	X	
	Isopoda (aquatic sowbug)						
	Asellidae						
	<i>Caecidotea sp.</i>			X	X		
	Mollusca						
	Bivalvia (mussels)						
	Veneroida						
	Pisidiidae						
	<i>Musculium sp.</i>						X
	Gastropoda (snails)						
	Basommatophora						
	Physidae						
	<i>Physa sp.</i>				X	X	
	Planorbidae						X
	<i>Helisoma anceps</i>					X	X
	Platyhelminthes (flatworms)						
	Trepaxonemata						
	Neophora						
	Dugesidae						
	<i>Girardia sp.</i>				X		

116 distinct taxa as of 11/7/2017.

Prepared by Todd Hubbard Limnologist

Individuals providing Identification assistance

Darin Grulkowski (UI\_SHL)- Chironomidae (non-biting midges)

David Wahl (UT St. Univ)- Hymenoptera, specifically Ichneumonidae wasps

Ken Tennessen (retired TN Valley Authority) - Odonata (dragonflies and damselflies)

Kurt Schmude(UW-Superior) - Coleoptera (aquatic beetles)

Frederic Govich(Univ. Southern UT) - Hirudinea (leeches)

Greg Courtney (ISU) - Diptera (flies)

Ed Freese (Iowa hobbyist) - Coleoptera (ground and terrestrial beetles)

Paul Lago (Univ of MS)- Coleoptera (ground and terrestrial beetles)

Dave Etnier (Univ of TN) - Trichoptera (caddisflies)

Steve Burian (Southern CT St. Univ) - Ephemeroptera (mayflies)