

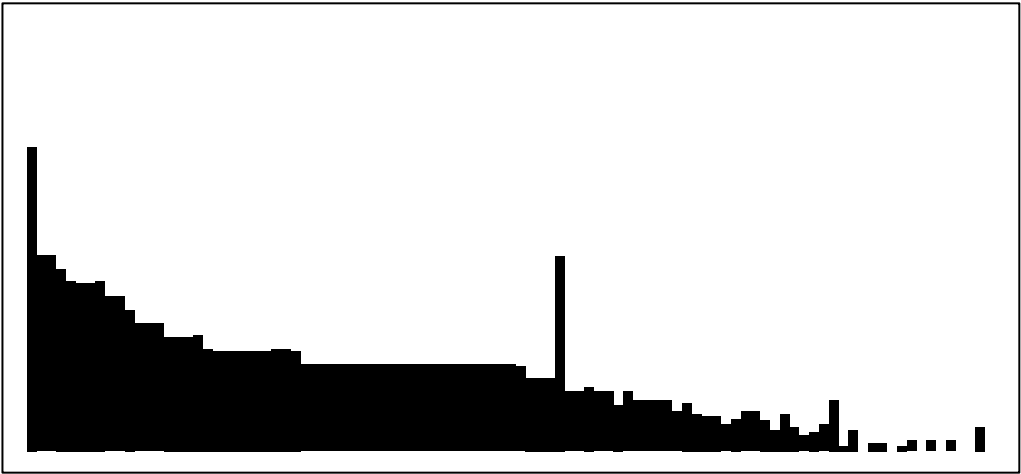
OTU_405.csv

Protonemura meyeri

Nemouridae

Plecoptera

94.27



Protonemura meyeri 16S ribosomal RNA gene, partial	EF623193	94.27	100	1.12528e-59	Plecoptera	Nemouridae	Protonemura meyeri
Nanonemoura wahkeena 16S ribosomal RNA gene, partial	EF623198	89.17	100	8.10258e-49	Plecoptera	Nemouridae	Nanonemoura wahkeena
Ostrocerca foersteri 16S ribosomal RNA gene, partial	EF623191	89.17	100	8.10258e-49	Plecoptera	Nemouridae	Ostrocerca foersteri
Nemoura trispinosa 16S ribosomal RNA gene, partial	EF623187	88.54	100	9.87097e-48	Plecoptera	Nemouridae	Nemoura trispinosa
Nemoura cinerea 16S ribosomal RNA gene, partial sequence	EF623194	87.97	100	3.44531e-47	Plecoptera	Nemouridae	Nemoura cinerea
Nemurella pictetii 16S ribosomal RNA gene, partial	EF623192	87.9	100	4.19724e-46	Plecoptera	Nemouridae	Nemurella pictetii
Shipsa rotunda 16S ribosomal RNA gene, partial sequence	EF623184	87.9	100	4.19724e-46	Plecoptera	Nemouridae	Shipsa rotunda
Scopura montana 16S ribosomal RNA gene, partial sequence	EF623265	87.97	100	1.46498e-45	Plecoptera		Scopura montana
Visoka cataractae 16S ribosomal RNA gene, partial	EF623189	87.26	100	5.11329e-45	Plecoptera	Nemouridae	Visoka cataractae
Paranemoura claasseni 16S ribosomal RNA gene, partial	EF623185	87.26	100	5.11329e-45	Plecoptera	Nemouridae	Paranemoura claasseni
Prostoia besametsa 16S ribosomal RNA gene, partial	EF623188	86.62	100	2.17423e-43	Plecoptera	Nemouridae	Prostoia besametsa
Lednia tumana 16S ribosomal RNA gene, partial sequence	EF623197	85.99	100	2.64875e-42	Plecoptera	Nemouridae	Lednia tumana
Zapada cinctipes 16S ribosomal RNA gene, partial sequence	EF623183	85.99	100	2.64875e-42	Plecoptera	Nemouridae	Zapada cinctipes
Soyedina producta 16S ribosomal RNA gene, partial	EF623196	85.99	100	3.22684e-41	Plecoptera	Nemouridae	Soyedina producta
Apteroperla tikumana mitochondrion, complete genome	KR604721	85.35	100	1.12628e-40	Plecoptera	Capniidae	Apteroperla tikumana
Malenka californica 16S ribosomal RNA gene, partial	EF623182	85.35	100	1.12628e-40	Plecoptera	Nemouridae	Malenka californica
Allocapnia minima 16S ribosomal RNA gene, partial	EF623130	85.35	100	1.12628e-40	Plecoptera	Capniidae	Allocapnia minima
Moselia infuscata 16S ribosomal RNA gene, partial	EF623175	85.44	99.36	3.93109e-40	Plecoptera	Leuctridae	Moselia infuscata
Megaleuctra kincaidi 16S ribosomal RNA gene, partial	EF623174	84.81	100	3.93109e-40	Plecoptera	Leuctridae	Megaleuctra kincaidi
Allocapnia recta isolate H15 16S ribosomal RNA gene	KC881050	84.71	100	1.37209e-39	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H14 16S ribosomal RNA gene	KC881049	84.71	100	1.37209e-39	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H10 16S ribosomal RNA gene	KC881045	84.71	100	1.37209e-39	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H6 16S ribosomal RNA gene	KC881041	84.71	100	1.37209e-39	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta haplotype 11ar: H011 16S ribosomal	EU306874	84.71	100	1.37209e-39	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta haplotype 7ar: H07 16S ribosomal	EU306870	84.71	100	1.37209e-39	Plecoptera	Capniidae	Allocapnia recta
Doddsia occidentalis 16S ribosomal RNA gene, partial	EF623270	84.81	100	4.78905e-39	Plecoptera	Taeniopterygidae	Doddsia occidentalis
Oemopteryx vanduzeeae 16S ribosomal RNA gene, partial	EF623266	84.81	100	4.78905e-39	Plecoptera	Taeniopterygidae	Oemopteryx vanduzeeae
Pteronarcys sachalina 16S ribosomal RNA gene, partial	EF623264	84.71	100	1.67154e-38	Plecoptera	Pteronarcyidae	Pteronarcys sachalina
Mesocapnia arizonensis mitochondrion, partial genome	KP642637	84.08	100	5.83426e-38	Plecoptera	Capniidae	Mesocapnia arizonensis
Allocapnia recta isolate H19 16S ribosomal RNA gene	KC881054	84.08	100	5.83426e-38	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H17 16S ribosomal RNA gene	KC881052	84.08	100	5.83426e-38	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H16 16S ribosomal RNA gene	KC881051	84.08	100	5.83426e-38	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H13 16S ribosomal RNA gene	KC881048	84.08	100	5.83426e-38	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H12 16S ribosomal RNA gene	KC881047	84.08	100	5.83426e-38	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H11 16S ribosomal RNA gene	KC881046	84.08	100	5.83426e-38	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H9 16S ribosomal RNA gene	KC881044	84.08	100	5.83426e-38	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H8 16S ribosomal RNA gene	KC881043	84.08	100	5.83426e-38	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H7 16S ribosomal RNA gene	KC881042	84.08	100	5.83426e-38	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H5 16S ribosomal RNA gene	KC881040	84.08	100	5.83426e-38	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H4 16S ribosomal RNA gene	KC881039	84.08	100	5.83426e-38	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H3 16S ribosomal RNA gene	KC881038	84.08	100	5.83426e-38	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H1 16S ribosomal RNA gene	KC881036	84.08	100	5.83426e-38	Plecoptera	Capniidae	Allocapnia recta
Paraleuctra occidentalis 16S ribosomal RNA gene, partial	EF623178	84.08	100	5.83426e-38	Plecoptera	Leuctridae	Paraleuctra occidentalis
Mesocapnia sp. BYU_PL010 16S ribosomal RNA gene, partial	EF623127	84.08	100	5.83426e-38	Plecoptera	Capniidae	Mesocapnia sp. BYU_PL010
Allocapnia recta haplotype 10ar: H010 16S ribosomal	EU306873	84.08	100	5.83426e-38	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta haplotype 9ar: H09 16S ribosomal	EU306872	84.08	100	5.83426e-38	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta haplotype 8ar: H08 16S ribosomal	EU306871	84.08	100	5.83426e-38	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta haplotype 3ar: H03 16S ribosomal	DQ915181	84.08	100	5.83426e-38	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta haplotype 2ar: H02 16S ribosomal	DQ915180	84.08	100	5.83426e-38	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta haplotype 1ar: H01 16S ribosomal	DQ915179	84.08	100	5.83426e-38	Plecoptera	Capniidae	Allocapnia recta
Osmylus sp. EH-2004 16S ribosomal RNA gene, partial	AY620146	83.97	100	2.03636e-37	Neuroptera	Osmylidae	Osmylus sp. EH-2004
Allocapnia recta isolate H18 16S ribosomal RNA gene	KC881053	83.44	100	7.10758e-37	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta haplotype 12ar: H12 16S ribosomal	EU306875	83.44	100	7.10758e-37	Plecoptera	Capniidae	Allocapnia recta
Pteronarcys princeps mitochondrion, complete genome	AY687866	83.44	100	8.65881e-36	Plecoptera	Pteronarcyidae	Pteronarcys princeps
Notonemouridae sp. MD-2011 voucher ZMUC:JD-1507 16S	JN615257	89.17	76.92	3.02222e-35	Plecoptera	Notonemouridae	Notonemouridae sp. MD-2011
Austrocerca rieka 16S ribosomal RNA gene, partial	EF623205	82.8	100	3.02222e-35	Plecoptera	Notonemouridae	Austrocerca rieka
Austrocercooides zwicki 16S ribosomal RNA gene, partial	EF623199	82.8	100	3.02222e-35	Plecoptera	Notonemouridae	Austrocercooides zwicki
Brachyptera seticornis 16S ribosomal RNA gene, partial	EF623268	83.02	100	1.05486e-34	Plecoptera	Taeniopterygidae	Brachyptera seticornis
Pteronarcys scotti 16S ribosomal RNA gene, partial	EF623263	82.8	100	3.68182e-34	Plecoptera	Pteronarcyidae	Pteronarcys scotti
Pteronarcys californica 16S ribosomal RNA gene, partial	EF623261	82.8	100	3.68182e-34	Plecoptera	Pteronarcyidae	Pteronarcys californica
Amphinemura sulcicollis 16S ribosomal RNA gene, partial	EF623195	82.17	100	3.68182e-34	Plecoptera	Nemouridae	Amphinemura sulcicollis
Capnura wanica 16S ribosomal RNA gene, partial sequence	EF623128	82.8	100	3.68182e-34	Plecoptera	Capniidae	Capnura wanica
Cryptoperla japonica mitochondrial gene for 16S rRNA	AB711202	82.39	100	4.48537e-33	Plecoptera	Peltoperlidae	Cryptoperla japonica
Cryptoperla japonica mitochondrial gene for 16S rRNA	AB711184	82.39	100	4.48537e-33	Plecoptera	Peltoperlidae	Cryptoperla japonica
Cryptoperla japonica mitochondrial gene for 16S rRNA	AB711183	82.39	100	4.48537e-33	Plecoptera	Peltoperlidae	Cryptoperla japonica
Cryptoperla japonica mitochondrial gene for 16S rRNA	AB711182	82.39	100	4.48537e-33	Plecoptera	Peltoperlidae	Cryptoperla japonica
Udamocercia sp. BYU_PL150 16S ribosomal RNA gene,	EF623201	81.88	100	4.48537e-33	Plecoptera	Notonemouridae	Udamocercia sp. BYU_PL150
Thaumatoperla sp. BYU_PL109 16S ribosomal RNA gene	EF623149	82.28	100	1.56555e-32	Plecoptera	Eustheniidae	Thaumatoperla sp. BYU_PL109
Cryptoperla sp. YK-2012-1 mitochondrial gene for 16S	AB711243	81.76	100	5.4643e-32	Plecoptera	Peltoperlidae	Cryptoperla sp. YK-2012-1
Strophopteryx appalachia 16S ribosomal RNA gene, partial	EF623271	81.65	100	5.4643e-32	Plecoptera	Taeniopterygidae	Strophopteryx appalachia
Bolotopterla rossi 16S ribosomal RNA gene, partial	EF623269	81.65	100	5.4643e-32	Plecoptera	Taeniopterygidae	Bolotopterla rossi
Triznaka pintada 16S ribosomal RNA gene, partial sequence	EF623134	81.25	100	5.4643e-32	Plecoptera	Chloroperlidae	Triznaka pintada
Cascadoperla trictura 16S ribosomal RNA gene, partial	EF623225	81.53	100	1.90723e-31	Plecoptera	Perlodidae	Cascadoperla trictura
Leuctra inermis 16S ribosomal RNA gene, partial sequence	EF623176	81.88	100	1.90723e-31	Plecoptera	Leuctridae	Leuctra inermis
Leptoperla sp. BYU_PL107 16S ribosomal RNA gene, partial	EF623161	81.88	100	1.90723e-31	Plecoptera	Gripopterygidae	Leptoperla sp. BYU_PL107
Dinotoperla sp. BYU_PL105 16S ribosomal RNA gene,	EF623160	81.48	100	6.65688e-31	Plecoptera	Gripopterygidae	Dinotoperla sp. BYU_PL105
Diamphipnoa virescentipennis 16S ribosomal RNA gene	EF623144	81.01	100	6.65688e-31	Plecoptera	Diamphipnoidae	Diamphipnoa virescentipennis
Neopanorpa sp. M24899 16S ribosomal RNA gene, partial	AF180059	81.76	100	6.65688e-31	Mecoptera	Panorpidae	Neopanorpa sp. M24899
Cryptoperla japonica mitochondrial gene for 16S rRNA	AB711189	81.13	100	2.32348e-30	Plecoptera	Peltoperlidae	Cryptoperla japonica
Cosumnoperla hypocrena 16S ribosomal RNA gene, partial	EF623226	80.75	100	2.32348e-30	Plecoptera	Perlodidae	Cosumnoperla hypocrena
Neonemura sp. BYU_PL153 16S ribosomal RNA gene, partial	EF623204	80.89	100	2.32348e-30	Plecoptera	Notonemouridae	Neonemura sp. BYU_PL153
Taenionema palladium 16S ribosomal RNA gene, partial	EF623267	81.25	100	8.10974e-30	Plecoptera	Taeniopterygidae	Taenionema palladium
Paraleuctra vershina 16S ribosomal RNA gene, partial	EF623173	82.39	90.38	8.10974e-30	Plecoptera	Leuctridae	Paraleuctra vershina
Isocapnia hyalita 16S ribosomal RNA gene, partial	EF623131	80.25	100	8.10974e-30	Plecoptera	Capniidae	Isocapnia hyalita
Panorpodes colei isolate 117Pcol 16S ribosomal RNA	EF041524	81.01	100	8.10974e-30	Mecoptera	Panorpodidae	Panorpodes colei
Cerconychia sp. BYU_PL114 16S ribosomal RNA gene,	EF623260	80	100	2.83058e-29	Plecoptera	Styloperlidae	Cerconychia sp. BYU_PL114
Alloperla severa 16S ribosomal RNA gene, partial sequence	EF623141	80.38	100	2.83058e-29	Plecoptera	Chloroperlidae	Alloperla severa
Klapopteryx armillata 16S ribosomal RNA gene, partial	EF623123	80.38	100	2.83058e-29	Plecoptera	Austroperlidae	Klapopteryx armillata
Kathroperla perdita 16S ribosomal RNA gene, partial	EF623135	79.62	100	9.87969e-29	Plecoptera	Chloroperlidae	Kathroperla perdita
Sweltsa coloradensis 16S ribosomal RNA gene, partial	EF623133	80.25	100	9.87969e-29	Plecoptera	Chloroperlidae	Sweltsa coloradensis
Neopanorpa pulchra mitochondrion, complete genome	JX569848	80.5	100	3.44835e-28	Mecoptera	Panorpidae	Neopanorpa pulchra
Dicranomyia iniquispina voucher 205222 16S ribosomal	KC692800	79.38	100	3.44835e-28	Diptera	Limoniidae	Dicranomyia iniquispina
Microchorista philpotti 16S ribosomal RNA gene, partial	KC177459	80.5	100	3.44835e-28	Mecoptera	Nannochoristidae	Nannochorista philpotti
Aeschnophlebia anisoptera mitochondrial gene for 16S	AB707619	79.87	100	3.44835e-28	Odonata	Aeshnidae	Aeschnophlebia anisoptera
Microchorista philpotti mitochondrion, partial genome	HQ696580	80.5	100	3.44835e-28	Mecoptera	Nannochoristidae	Nannochorista philpotti
Caliaeschna microstigma 12S ribosomal RNA gene, partial	EU477639	79.87	100	3.44835e-28	Odonata	Aeshnidae	Caliaeschna microstigma
Newmanoperla exigua 16S ribosomal RNA gene, partial	EF623162	79.75	100	3.44835e-28	Plecoptera	Gripopterygidae	Newmanoperla exigua
Eusthenia costalis 16S ribosomal RNA gene, partial	EF623150	81.13	100	3.44835e-28	Plecoptera	Eustheniidae	Eusthenia costalis
Suwallia teleckojensis 16S ribosomal RNA gene, partial	EF623142	79.75	100	3.44835e-28	Plecoptera	Chloroperlidae	Suwallia teleckojensis
Limonia iniquispina voucher O'Grady 201869 16S ribosomal	EU005407	79.38	100	3.44835e-28	Diptera	Limoniidae	Dicranomyia iniquispina