

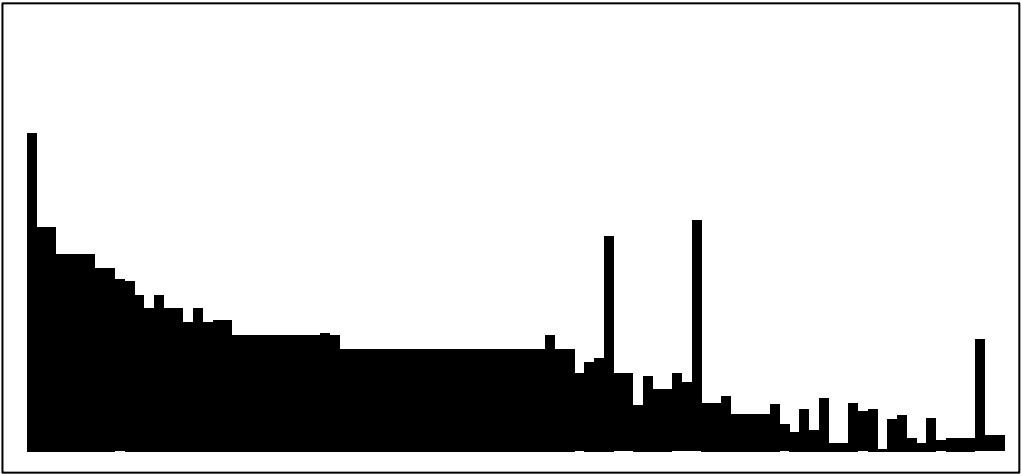
OTU\_493.csv

Protonemura meyeri

Nemouridae

Plecoptera

94.94



Protonemura meyeri 16S ribosomal RNA gene, partial	EF623193	94.94	100	9.31322e-61	Plecoptera	Nemouridae	Protonemura meyeri
Nanonemoura wahkeena 16S ribosomal RNA gene, parti	EF623198	90.51	100	5.5046e-51	Plecoptera	Nemouridae	Nanonemoura wahkeena
Ostrocerca foersteri 16S ribosomal RNA gene, parti	EF623191	90.51	100	5.5046e-51	Plecoptera	Nemouridae	Ostrocerca foersteri
Nemoura cinerea 16S ribosomal RNA gene, partial se	EF623194	89.24	100	2.34061e-49	Plecoptera	Nemouridae	Nemoura cinerea
Nemurella pictetii 16S ribosomal RNA gene, partial	EF623192	89.24	100	2.85145e-48	Plecoptera	Nemouridae	Nemurella pictetii
Nemoura trispinosa 16S ribosomal RNA gene, partial	EF623187	89.24	100	2.85145e-48	Plecoptera	Nemouridae	Nemoura trispinosa
Shipsa rotunda 16S ribosomal RNA gene, partial seq	EF623184	89.24	100	2.85145e-48	Plecoptera	Nemouridae	Shipsa rotunda
Visoka cataractae 16S ribosomal RNA gene, partial	EF623189	88.61	100	3.47378e-47	Plecoptera	Nemouridae	Visoka cataractae
Paranemoura claasseni 16S ribosomal RNA gene, part	EF623185	88.61	100	3.47378e-47	Plecoptera	Nemouridae	Paranemoura claasseni
Scopura montana 16S ribosomal RNA gene, partial se	EF623265	88.05	100	1.21247e-46	Plecoptera		Scopura montana
Prostoia besametsa 16S ribosomal RNA gene, partial	EF623188	87.97	100	1.47709e-45	Plecoptera	Nemouridae	Prostoia besametsa
Zapada cinctipes 16S ribosomal RNA gene, partial s	EF623183	87.34	100	1.79946e-44	Plecoptera	Nemouridae	Zapada cinctipes
Megaleuctra kincaidi 16S ribosomal RNA gene, parti	EF623174	86.71	100	6.28074e-44	Plecoptera	Leuctridae	Megaleuctra kincaidi
Soyedina producta 16S ribosomal RNA gene, partial	EF623196	87.34	100	2.19219e-43	Plecoptera	Nemouridae	Soyedina producta
Lednia tumana 16S ribosomal RNA gene, partial sequ	EF623197	86.71	100	7.65151e-43	Plecoptera	Nemouridae	Lednia tumana
Malenka californica 16S ribosomal RNA gene, partia	EF623182	86.71	100	7.65151e-43	Plecoptera	Nemouridae	Malenka californica
Apteroperla tikumana mitochondrion, complete genom	KR604721	86.08	100	9.32145e-42	Plecoptera	Capniidae	Apteroperla tikumana
Pteronarcys sachalina 16S ribosomal RNA gene, part	EF623264	86.71	100	9.32145e-42	Plecoptera	Pteronarcyidae	Pteronarcys sachalina
Allocapnia minima 16S ribosomal RNA gene, partial	EF623130	86.08	100	9.32145e-42	Plecoptera	Capniidae	Allocapnia minima
Oemopteryx vanduzeeae 16S ribosomal RNA gene, parti	EF623266	86.16	100	3.2535e-41	Plecoptera	Taeniopterygidae	Oemopteryx vanduzeeae
Moselia infuscata 16S ribosomal RNA gene, partial	EF623175	86.16	99.36	1.13558e-40	Plecoptera	Leuctridae	Moselia infuscata
Allocapnia recta isolate H19 16S ribosomal RNA gen	KC881054	85.44	100	3.96358e-40	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H16 16S ribosomal RNA gen	KC881051	85.44	100	3.96358e-40	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H15 16S ribosomal RNA gen	KC881050	85.44	100	3.96358e-40	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H14 16S ribosomal RNA gen	KC881049	85.44	100	3.96358e-40	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H10 16S ribosomal RNA gen	KC881045	85.44	100	3.96358e-40	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H6 16S ribosomal RNA gene	KC881041	85.44	100	3.96358e-40	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta haplotype 11ar: H011 16S ribosoma	EU306874	85.44	100	3.96358e-40	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta haplotype 7ar: H07 16S ribosomal	EU306870	85.44	100	3.96358e-40	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta haplotype 2ar: H02 16S ribosomal	DQ915180	85.44	100	3.96358e-40	Plecoptera	Capniidae	Allocapnia recta
Doddsia occidentalis 16S ribosomal RNA gene, parti	EF623270	85.53	100	1.38343e-39	Plecoptera	Taeniopterygidae	Doddsia occidentalis
Osmylus sp. EH-2004 16S ribosomal RNA gene, partia	AY620146	85.44	100	1.38343e-39	Neuroptera	Osmyliidae	Osmylus sp. EH-2004
Mesocapnia arizonensis mitochondrion, partial geno	KP642637	84.81	100	4.82863e-39	Plecoptera	Capniidae	Mesocapnia arizonensis
Allocapnia recta isolate H18 16S ribosomal RNA gen	KC881053	84.81	100	4.82863e-39	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H17 16S ribosomal RNA gen	KC881052	84.81	100	4.82863e-39	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H13 16S ribosomal RNA gen	KC881048	84.81	100	4.82863e-39	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H12 16S ribosomal RNA gen	KC881047	84.81	100	4.82863e-39	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H11 16S ribosomal RNA gen	KC881046	84.81	100	4.82863e-39	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H9 16S ribosomal RNA gene	KC881044	84.81	100	4.82863e-39	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H8 16S ribosomal RNA gene	KC881043	84.81	100	4.82863e-39	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H7 16S ribosomal RNA gene	KC881042	84.81	100	4.82863e-39	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H5 16S ribosomal RNA gene	KC881040	84.81	100	4.82863e-39	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H4 16S ribosomal RNA gene	KC881039	84.81	100	4.82863e-39	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H3 16S ribosomal RNA gene	KC881038	84.81	100	4.82863e-39	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H1 16S ribosomal RNA gene	KC881036	84.81	100	4.82863e-39	Plecoptera	Capniidae	Allocapnia recta
Austrocerca rieka 16S ribosomal RNA gene, partial	EF623205	84.81	100	4.82863e-39	Plecoptera	Notonemouridae	Austrocerca rieka
Austrocercoides zwicki 16S ribosomal RNA gene, par	EF623199	84.81	100	4.82863e-39	Plecoptera	Notonemouridae	Austrocercoides zwicki
Mesocapnia sp. BYU_PL010 16S ribosomal RNA gene, p	EF623127	84.81	100	4.82863e-39	Plecoptera	Capniidae	Mesocapnia sp. BYU_PL010
Allocapnia recta haplotype 10ar: H010 16S ribosoma	EU306873	84.81	100	4.82863e-39	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta haplotype 9ar: H09 16S ribosomal	EU306872	84.81	100	4.82863e-39	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta haplotype 8ar: H08 16S ribosomal	EU306871	84.81	100	4.82863e-39	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta haplotype 3ar: H03 16S ribosomal	DQ915181	84.81	100	4.82863e-39	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta haplotype 1ar: H01 16S ribosomal	DQ915179	84.81	100	4.82863e-39	Plecoptera	Capniidae	Allocapnia recta
Pteronarcys princeps mitochondrion, complete genom	AY687866	85.44	100	4.82863e-39	Plecoptera	Pteronarcyidae	Pteronarcys princeps
Pteronarcys scotti 16S ribosomal RNA gene, partial	EF623263	84.81	100	5.88247e-38	Plecoptera	Pteronarcyidae	Pteronarcys scotti
Pteronarcys californica 16S ribosomal RNA gene, pa	EF623261	84.81	100	5.88247e-38	Plecoptera	Pteronarcyidae	Pteronarcys californica
Paraleuctra occidentalis 16S ribosomal RNA gene, p	EF623178	83.65	100	2.05319e-37	Plecoptera	Leuctridae	Paraleuctra occidentalis
Allocapnia recta haplotype 12ar: H12 16S ribosomal	EU306875	84.18	100	2.05319e-37	Plecoptera	Capniidae	Allocapnia recta
Brachyptera seticornis 16S ribosomal RNA gene, par	EF623268	84.38	100	7.16632e-37	Plecoptera	Taeniopterygidae	Brachyptera seticornis
Notonemouridae sp. MD-2011 voucher ZMUC:JD-1507 16	JN615257	90.08	76.43	2.50129e-36	Plecoptera	Notonemouridae	Notonemouridae sp. MD-2011
Strophopteryx appalachia 16S ribosomal RNA gene, p	EF623271	83.65	100	8.73037e-36	Plecoptera	Taeniopterygidae	Strophopteryx appalachia
Bolotoperla rossi 16S ribosomal RNA gene, partial	EF623269	83.65	100	8.73037e-36	Plecoptera	Taeniopterygidae	Bolotoperla rossi
Triznaka pintada 16S ribosomal RNA gene, partial s	EF623134	82.17	100	3.0472e-35	Plecoptera	Chloroperlidae	Triznaka pintada
Capnura wanica 16S ribosomal RNA gene, partial seq	EF623128	83.54	100	3.0472e-35	Plecoptera	Capniidae	Capnura wanica
Udamocercia sp. BYU_PL150 16S ribosomal RNA gene,	EF623201	82.91	100	1.06358e-34	Plecoptera	Notonemouridae	Udamocercia sp. BYU_PL150
Amphinemura sulciollis 16S ribosomal RNA gene, pa	EF623195	82.91	100	1.06358e-34	Plecoptera	Nemouridae	Amphinemura sulciollis
Thaumatoperla sp. BYU_PL109 16S ribosomal RNA gene	EF623149	83.65	100	1.06358e-34	Plecoptera	Eustheniidae	Thaumatoperla sp. BYU_PL109
Taenionema palladium 16S ribosomal RNA gene, parti	EF623267	83.23	100	1.2957e-33	Plecoptera	Taeniopterygidae	Taenionema palladium
Cosumnoperla hypocrena 16S ribosomal RNA gene, par	EF623226	90.83	69.43	1.57849e-32	Plecoptera	Perlodidae	Cosumnoperla hypocrena
Cascadoperla trictura 16S ribosomal RNA gene, part	EF623225	82.28	100	1.57849e-32	Plecoptera	Perlodidae	Cascadoperla trictura
Neonemura sp. BYU_PL153 16S ribosomal RNA gene, pa	EF623204	82.28	100	1.57849e-32	Plecoptera	Notonemouridae	Neonemura sp. BYU_PL153
Leuctra inermis 16S ribosomal RNA gene, partial se	EF623176	82.61	100	5.50946e-32	Plecoptera	Leuctridae	Leuctra inermis
Cryptoperla japonica mitochondrial gene for 16S rR	AB711202	81.76	100	1.92299e-31	Plecoptera	Peltoperlidae	Cryptoperla japonica
Cryptoperla japonica mitochondrial gene for 16S rR	AB711184	81.76	100	1.92299e-31	Plecoptera	Peltoperlidae	Cryptoperla japonica
Cryptoperla japonica mitochondrial gene for 16S rR	AB711183	81.76	100	1.92299e-31	Plecoptera	Peltoperlidae	Cryptoperla japonica
Cryptoperla japonica mitochondrial gene for 16S rR	AB711182	81.76	100	1.92299e-31	Plecoptera	Peltoperlidae	Cryptoperla japonica
Dinotoperla sp. BYU_PL105 16S ribosomal RNA gene,	EF623160	82.21	100	1.92299e-31	Plecoptera	Gripopterygidae	Dinotoperla sp. BYU_PL105
Diamphipnoa virescentipennis 16S ribosomal RNA gen	EF623144	81.25	100	1.92299e-31	Plecoptera	Diamphipnoidae	Diamphipnoa virescentipennis
Sweltsa coloradensis 16S ribosomal RNA gene, parti	EF623133	80.89	100	1.92299e-31	Plecoptera	Chloroperlidae	Sweltsa coloradensis
Leptoperla sp. BYU_PL107 16S ribosomal RNA gene, p	EF623161	81.99	100	6.7119e-31	Plecoptera	Gripopterygidae	Leptoperla sp. BYU_PL107
Isocapnia hyalita 16S ribosomal RNA gene, partial	EF623131	81.01	100	6.7119e-31	Plecoptera	Capniidae	Isocapnia hyalita
Eusthenia costalis 16S ribosomal RNA gene, partial	EF623150	82.5	100	2.34268e-30	Plecoptera	Eustheniidae	Eusthenia costalis
Suwallia teleckojensis 16S ribosomal RNA gene, par	EF623142	80.38	100	2.34268e-30	Plecoptera	Chloroperlidae	Suwallia teleckojensis
Alloperla severa 16S ribosomal RNA gene, partial s	EF623141	80.38	100	2.34268e-30	Plecoptera	Chloroperlidae	Alloperla severa
Chloroperla tripunctata 16S ribosomal RNA gene, pa	EF623137	82.27	89.81	2.34268e-30	Plecoptera	Chloroperlidae	Chloroperla tripunctata
Neopanorpa sp. M24899 16S ribosomal RNA gene, part	AF180059	81.88	100	2.34268e-30	Mecoptera	Panorpidae	Neopanorpa sp. M24899
Cryptoperla sp. YK-2012-1 mitochondrial gene for 1	AB711243	81.99	100	8.17677e-30	Plecoptera	Peltoperlidae	Cryptoperla sp. YK-2012-1
Cerconychia sp. BYU_PL114 16S ribosomal RNA gene,	EF623260	80.12	100	8.17677e-30	Plecoptera	Styloperlidae	Cerconychia sp. BYU_PL114
Paraleuctra vershina 16S ribosomal RNA gene, parti	EF623173	81.51	90.45	8.17677e-30	Plecoptera	Leuctridae	Paraleuctra vershina
Neaviperla forcipata 16S ribosomal RNA gene, parti	EF623139	81.69	90.45	8.17677e-30	Plecoptera	Chloroperlidae	Neaviperla forcipata
Klapopteryx armillata 16S ribosomal RNA gene, part	EF623123	80.62	100	8.17677e-30	Plecoptera	Austroperlidae	Klapopteryx armillata
Amphinemura nigritta 16S ribosomal RNA gene, parti	EF623186	80.38	100	2.85397e-29	Plecoptera	Nemouridae	Amphinemura nigritta
Plumiperla diversa 16S ribosomal RNA gene, partial	EF623132	81.56	89.81	2.85397e-29	Plecoptera	Chloroperlidae	Plumiperla diversa
Cryptoperla japonica mitochondrial gene for 16S rR	AB711189	80.5	100	9.96134e-29	Plecoptera	Peltoperlidae	Cryptoperla japonica
Aeschnophlebia anisoptera mitochondrial gene for 1	AB707619	80.62	100	9.96134e-29	Odonata	Aeshnidae	Aeschnophlebia anisoptera
Calliaeschna microstigma 12S ribosomal RNA gene, pa	EU477639	80.62	100	9.96134e-29	Odonata	Aeshnidae	Calliaeschna microstigma
Peltoperla arcuata 16S ribosomal RNA gene, partial	EF623258	80.62	100	9.96134e-29	Plecoptera	Peltoperlidae	Peltoperla arcuata
Frisonia picticeps 16S ribosomal RNA gene, partial	EF623227	85.25	77.07	9.96134e-29	Plecoptera	Perlodidae	Frisonia picticeps
Isoperla oxylepis 16S ribosomal RNA gene, partial	EF623221	80.75	100	9.96134e-29	Plecoptera	Perlodidae	Isoperla oxylepis
Claudioperla sp. BYU_PL158 16S ribosomal RNA gene,	EF623169	80.75	100	9.96134e-29	Plecoptera	Gripopterygidae	Claudioperla sp. BYU_PL158