

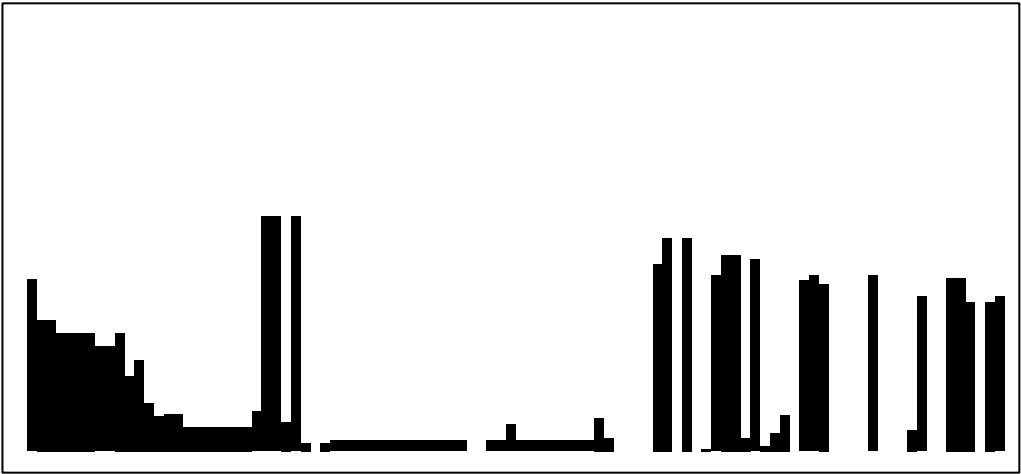
OTU\_215.csv

Leuctra inermis

Leuctridae

Plecoptera

88.05



Leuctra inermis 16S ribosomal RNA gene, partial se	EF623176	88.05	100	4.23193e-46	Plecoptera	Leuctridae	Leuctra inermis
Leuctra tenuis haplotype 8lt: HO8 16S ribosomal RN	EU327680	86.16	100	3.2535e-41	Plecoptera	Leuctridae	Leuctra tenuis
Leuctra tenuis haplotype 7lt: HO7 16S ribosomal RN	EU327679	86.16	100	3.2535e-41	Plecoptera	Leuctridae	Leuctra tenuis
Leuctra tenuis haplotype 10lt: HO10 16S ribosomal	EU327682	85.53	100	1.38343e-39	Plecoptera	Leuctridae	Leuctra tenuis
Leuctra tenuis haplotype 9lt: HO9 16S ribosomal RN	EU327681	85.53	100	1.38343e-39	Plecoptera	Leuctridae	Leuctra tenuis
Leuctra tenuis haplotype 3lt: HO3 16S ribosomal RN	DQ915184	85.53	100	1.38343e-39	Plecoptera	Leuctridae	Leuctra tenuis
Leuctra tenuis haplotype 2lt: HO2 16S ribosomal RN	DQ915183	85.53	100	1.38343e-39	Plecoptera	Leuctridae	Leuctra tenuis
Leuctra tenuis haplotype 6lt: HO6 16S ribosomal RN	EU327678	84.91	100	1.68536e-38	Plecoptera	Leuctridae	Leuctra tenuis
Leuctra tenuis haplotype 1lt: HO1 16S ribosomal RN	DQ915182	84.91	100	1.68536e-38	Plecoptera	Leuctridae	Leuctra tenuis
Moselia infuscata 16S ribosomal RNA gene, partial	EF623175	85.53	99.36	5.88247e-38	Plecoptera	Leuctridae	Moselia infuscata
Leuctra tenuis haplotype 4lt: HO4 16S ribosomal RN	EU327676	83.54	100	2.05319e-37	Plecoptera	Leuctridae	Leuctra tenuis
Leuctra tenuis haplotype 5lt: HO5 16S ribosomal RN	EU327677	84.28	100	7.16632e-37	Plecoptera	Leuctridae	Leuctra tenuis
Despaxia augusta 16S ribosomal RNA gene, partial s	EF623177	82.28	100	1.2957e-33	Plecoptera	Leuctridae	Despaxia augusta
Cascadoperla trictura 16S ribosomal RNA gene, part	EF623225	81.65	100	6.7119e-31	Plecoptera	Perlodidae	Cascadoperla trictura
Apteroperla tikumana mitochondrion, complete genom	KR604721	81.76	100	2.34268e-30	Plecoptera	Capniidae	Apteroperla tikumana
Allocapnia minima 16S ribosomal RNA gene, partial	EF623130	81.76	100	2.34268e-30	Plecoptera	Capniidae	Allocapnia minima
Allocapnia recta isolate H15 16S ribosomal RNA gen	KC881050	81.13	100	2.85397e-29	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H14 16S ribosomal RNA gen	KC881049	81.13	100	2.85397e-29	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H10 16S ribosomal RNA gen	KC881045	81.13	100	2.85397e-29	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H6 16S ribosomal RNA gene	KC881041	81.13	100	2.85397e-29	Plecoptera	Capniidae	Allocapnia recta
Perlinodes aurea 16S ribosomal RNA gene, partial s	EF623234	81.13	100	2.85397e-29	Plecoptera	Perlodidae	Perlinodes aurea
Allocapnia recta haplotype 11ar: H011 16S ribosoma	EU306874	81.13	100	2.85397e-29	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta haplotype 7ar: H07 16S ribosomal	EU306870	81.13	100	2.85397e-29	Plecoptera	Capniidae	Allocapnia recta
Protonemura meyeri 16S ribosomal RNA gene, partial	EF623193	81.88	100	9.96134e-29	Plecoptera	Nemouridae	Protonemura meyeri
Suwallia teleckojensis 16S ribosomal RNA gene, par	EF623142	91	63.06	9.96134e-29	Plecoptera	Chloroperlidae	Suwallia teleckojensis
Neaviperla forcipata 16S ribosomal RNA gene, parti	EF623139	91	63.06	9.96134e-29	Plecoptera	Chloroperlidae	Neaviperla forcipata
Triznaka pintada 16S ribosomal RNA gene, partial s	EF623134	81.37	100	9.96134e-29	Plecoptera	Chloroperlidae	Triznaka pintada
Plumiperla diversa 16S ribosomal RNA gene, partial	EF623132	91	63.06	9.96134e-29	Plecoptera	Chloroperlidae	Plumiperla diversa
Soyedina producta 16S ribosomal RNA gene, partial	EF623196	80.38	100	3.47685e-28	Plecoptera	Nemouridae	Soyedina producta
Paraleuctra occidentalis 16S ribosomal RNA gene, p	EF623178	79.75	100	3.47685e-28	Plecoptera	Leuctridae	Paraleuctra occidentalis
Capnura wanica 16S ribosomal RNA gene, partial seq	EF623128	80.38	100	3.47685e-28	Plecoptera	Capniidae	Capnura wanica
Mesocapnia arizonensis mitochondrion, partial geno	KP642637	80.5	100	1.21354e-27	Plecoptera	Capniidae	Mesocapnia arizonensis
Allocapnia recta isolate H19 16S ribosomal RNA gen	KC881054	80.5	100	1.21354e-27	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H17 16S ribosomal RNA gen	KC881052	80.5	100	1.21354e-27	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H16 16S ribosomal RNA gen	KC881051	80.5	100	1.21354e-27	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H13 16S ribosomal RNA gen	KC881048	80.5	100	1.21354e-27	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H12 16S ribosomal RNA gen	KC881047	80.5	100	1.21354e-27	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H11 16S ribosomal RNA gen	KC881046	80.5	100	1.21354e-27	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H9 16S ribosomal RNA gene	KC881044	80.5	100	1.21354e-27	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H8 16S ribosomal RNA gene	KC881043	80.5	100	1.21354e-27	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H7 16S ribosomal RNA gene	KC881042	80.5	100	1.21354e-27	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H5 16S ribosomal RNA gene	KC881040	80.5	100	1.21354e-27	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H4 16S ribosomal RNA gene	KC881039	80.5	100	1.21354e-27	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H3 16S ribosomal RNA gene	KC881038	80.5	100	1.21354e-27	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H1 16S ribosomal RNA gene	KC881036	80.5	100	1.21354e-27	Plecoptera	Capniidae	Allocapnia recta
Doddsia occidentalis 16S ribosomal RNA gene, parti	EF623270	79.87	100	1.21354e-27	Plecoptera	Taeniopterygidae	Doddsia occidentalis
Oemopteryx vanduzeeae 16S ribosomal RNA gene, parti	EF623266	79.87	100	1.21354e-27	Plecoptera	Taeniopterygidae	Oemopteryx vanduzeeae
Nemurella pictetii 16S ribosomal RNA gene, partial	EF623192	80.5	100	1.21354e-27	Plecoptera	Nemouridae	Nemurella pictetii
Ostrocerca foersteri 16S ribosomal RNA gene, parti	EF623191	80.5	100	1.21354e-27	Plecoptera	Nemouridae	Ostrocerca foersteri
Shipsa rotunda 16S ribosomal RNA gene, partial seq	EF623184	81.25	100	1.21354e-27	Plecoptera	Nemouridae	Shipsa rotunda
Isocapnia hyalita 16S ribosomal RNA gene, partial	EF623131	80.5	100	1.21354e-27	Plecoptera	Capniidae	Isocapnia hyalita
Mesocapnia sp. BYU_PL010 16S ribosomal RNA gene, p	EF623127	80.5	100	1.21354e-27	Plecoptera	Capniidae	Mesocapnia sp. BYU_PL010
Allocapnia recta haplotype 10ar: H010 16S ribosoma	EU306873	80.5	100	1.21354e-27	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta haplotype 9ar: H09 16S ribosomal	EU306872	80.5	100	1.21354e-27	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta haplotype 8ar: HO8 16S ribosomal	EU306871	80.5	100	1.21354e-27	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta haplotype 3ar: HO3 16S ribosomal	DQ915181	80.5	100	1.21354e-27	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta haplotype 2ar: HO2 16S ribosomal	DQ915180	80.5	100	1.21354e-27	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta haplotype 1ar: HO1 16S ribosomal	DQ915179	80.5	100	1.21354e-27	Plecoptera	Capniidae	Allocapnia recta
Pteronarcys sachalina 16S ribosomal RNA gene, part	EF623264	81.56	89.17	4.23567e-27	Plecoptera	Pteronarcyidae	Pteronarcys sachalina
Nemoura cinerea 16S ribosomal RNA gene, partial se	EF623194	80.62	100	4.23567e-27	Plecoptera	Nemouridae	Nemoura cinerea
Allocapnia recta isolate H18 16S ribosomal RNA gen	KC881053	79.87	100	1.47839e-26	Plecoptera	Capniidae	Allocapnia recta
Cultus pilatus 16S ribosomal RNA gene, partial seq	EF623212	80	100	1.47839e-26	Plecoptera	Perlodidae	Cultus pilatus
Nanonemoura wahkeena 16S ribosomal RNA gene, parti	EF623198	79.87	100	1.47839e-26	Plecoptera	Nemouridae	Nanonemoura wahkeena
Nemoura trispinosa 16S ribosomal RNA gene, partial	EF623187	79.87	100	1.47839e-26	Plecoptera	Nemouridae	Nemoura trispinosa
Zapada cinctipes 16S ribosomal RNA gene, partial s	EF623183	88.79	66.88	1.47839e-26	Plecoptera	Nemouridae	Zapada cinctipes
Siphonoperla torrentium 16S ribosomal RNA gene, pa	EF623138	90	63.06	1.47839e-26	Plecoptera	Chloroperlidae	Siphonoperla torrentium
Kathroperla perdita 16S ribosomal RNA gene, partia	EF623135	79.87	100	1.47839e-26	Plecoptera	Chloroperlidae	Kathroperla perdita
Sweltsa coloradensis 16S ribosomal RNA gene, parti	EF623133	90	63.06	1.47839e-26	Plecoptera	Chloroperlidae	Sweltsa coloradensis
Allocapnia recta haplotype 12ar: H12 16S ribosomal	EU306875	79.87	100	1.47839e-26	Plecoptera	Capniidae	Allocapnia recta
Osobenus yakimae 16S ribosomal RNA gene, partial s	EF623232	80.12	100	5.1601e-26	Plecoptera	Perlodidae	Osobenus yakimae
Frisonia picticeps 16S ribosomal RNA gene, partial	EF623227	88.24	64.33	5.1601e-26	Plecoptera	Perlodidae	Frisonia picticeps
Isoperla oxylepis 16S ribosomal RNA gene, partial	EF623221	89.22	64.33	5.1601e-26	Plecoptera	Perlodidae	Isoperla oxylepis
Isoperla davisii 16S ribosomal RNA gene, partial se	EF623206	89.22	64.33	5.1601e-26	Plecoptera	Perlodidae	Isoperla davisii
Visoka cataractae 16S ribosomal RNA gene, partial	EF623189	80.62	100	5.1601e-26	Plecoptera	Nemouridae	Visoka cataractae
Chloroperla tripunctata 16S ribosomal RNA gene, pa	EF623137	89	63.06	5.1601e-26	Plecoptera	Chloroperlidae	Chloroperla tripunctata
Scopura montana 16S ribosomal RNA gene, partial se	EF623265	80.25	100	1.80105e-25	Plecoptera		Scopura montana
Paranemoura claasseni 16S ribosomal RNA gene, part	EF623185	80.86	100	1.80105e-25	Plecoptera	Nemouridae	Paranemoura claasseni
Pteronarcys princeps mitochondrion, complete genom	AY687866	81.69	89.17	1.80105e-25	Plecoptera	Pteronarcyidae	Pteronarcys princeps
Bolotoperla rossi 16S ribosomal RNA gene, partial	EF623269	77.85	100	6.28629e-25	Plecoptera	Taeniopterygidae	Bolotoperla rossi
Pteronarcella badia 16S ribosomal RNA gene, partia	EF623262	88	63.06	6.28629e-25	Plecoptera	Pteronarcyidae	Pteronarcella badia
Cosumnoperla hypocrena 16S ribosomal RNA gene, par	EF623226	88.24	64.33	6.28629e-25	Plecoptera	Perlodidae	Cosumnoperla hypocrena
Udamocercia sp. BYU_PL150 16S ribosomal RNA gene,	EF623201	87.85	66.88	6.28629e-25	Plecoptera	Notonemouridae	Udamocercia sp. BYU_PL150
Malenka californica 16S ribosomal RNA gene, partia	EF623182	80	100	6.28629e-25	Plecoptera	Nemouridae	Malenka californica
Thaumatoperla sp. BYU_PL109 16S ribosomal RNA gene	EF623149	79.25	100	6.28629e-25	Plecoptera	Eustheniidae	Thaumatoperla sp. BYU_PL109
Paraperla frontalis 16S ribosomal RNA gene, partia	EF623136	79.25	100	6.28629e-25	Plecoptera	Chloroperlidae	Paraperla frontalis
Klapopteryx armillata 16S ribosomal RNA gene, part	EF623123	78.62	100	6.28629e-25	Plecoptera	Austroperlidae	Klapopteryx armillata
Osmylus sp. EH-2004 16S ribosomal RNA gene, partia	AY620146	88.24	64.33	6.28629e-25	Neuroptera	Osmyidae	Osmylus sp. EH-2004
Yugus bulbosus 16S ribosomal RNA gene, partial seq	EF623214	79.63	100	2.19413e-24	Perlodidae		Yugus bulbosus
Megaleuctra kincaidi 16S ribosomal RNA gene, parti	EF623174	79.5	100	2.19413e-24	Plecoptera	Leuctridae	Megaleuctra kincaidi
Notonemouridae sp. MD-2011 voucher ZMUC:JD-1507 16	JN615257	78.62	100	7.65827e-24	Plecoptera	Notonemouridae	Notonemouridae sp. MD-2011
Pteronarcys californica 16S ribosomal RNA gene, pa	EF623261	80.99	89.17	7.65827e-24	Plecoptera	Pteronarcyidae	Pteronarcys californica
Cerconychia sp. BYU_PL114 16S ribosomal RNA gene,	EF623260	87.25	64.33	2.673e-23	Plecoptera	Styloperlidae	Cerconychia sp. BYU_PL114
Austrocercia rieka 16S ribosomal RNA gene, partial	EF623205	78.88	100	2.673e-23	Plecoptera	Notonemouridae	Austrocercia rieka
Austrocercoides zwicki 16S ribosomal RNA gene, par	EF623199	78.88	100	2.673e-23	Plecoptera	Notonemouridae	Austrocercoides zwicki
Prostoia besametsa 16S ribosomal RNA gene, partial	EF623188	88.12	63.06	2.673e-23	Plecoptera	Nemouridae	Prostoia besametsa
Acroperla trivacauta 16S ribosomal RNA gene, parti	EF623155	88.12	63.06	2.673e-23	Plecoptera	Gripopterygidae	Acroperla trivacauta
Sasquaerla hoopa 16S ribosomal RNA gene, partial	EF623143	87	63.06	2.673e-23	Plecoptera	Chloroperlidae	Sasquaerla hoopa
Alloperla severa 16S ribosomal RNA gene, partial s	EF623141	78.75	100	2.673e-23	Plecoptera	Chloroperlidae	Alloperla severa
Tasmanoperla larvalis 16S ribosomal RNA gene, part	EF623125	87	63.06	2.673e-23	Plecoptera	Austroperlidae	Tasmanoperla larvalis
Penturoperla barbata 16S ribosomal RNA gene, parti	EF623124	87.25	64.33	2.673e-23	Plecoptera	Austroperlidae	Penturoperla barbata