

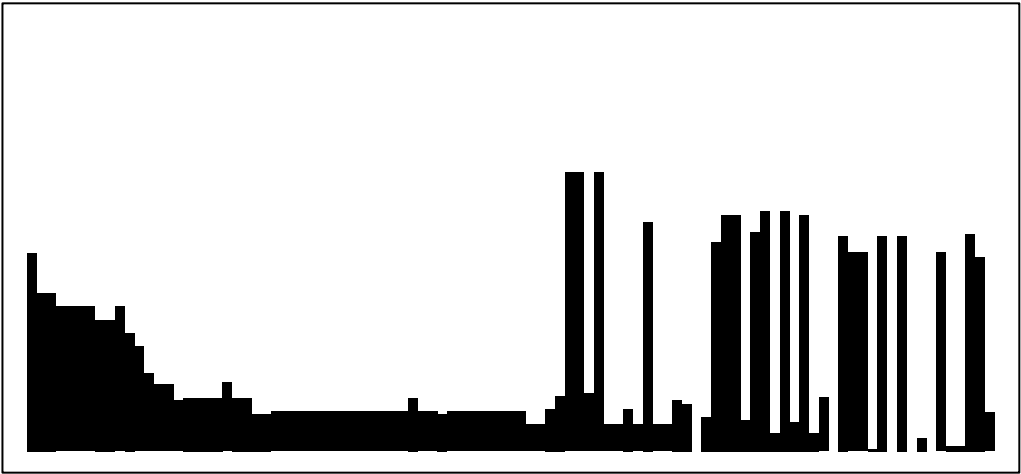
OTU_6.csv

Leuctra inermis

Leuctridae

Plecoptera

89.31



Leuctra inermis 16S ribosomal RNA gene, partial se	EF623176	89.31	100	5.59484e-51	Plecoptera	Leuctridae	Leuctra inermis
Leuctra tenuis haplotype 8lt: HO8 16S ribosomal RN	EU327680	87.42	100	4.30131e-46	Plecoptera	Leuctridae	Leuctra tenuis
Leuctra tenuis haplotype 7lt: HO7 16S ribosomal RN	EU327679	87.42	100	4.30131e-46	Plecoptera	Leuctridae	Leuctra tenuis
Leuctra tenuis haplotype 10lt: HO10 16S ribosomal	EU327682	86.79	100	1.82896e-44	Plecoptera	Leuctridae	Leuctra tenuis
Leuctra tenuis haplotype 9lt: HO9 16S ribosomal RN	EU327681	86.79	100	1.82896e-44	Plecoptera	Leuctridae	Leuctra tenuis
Leuctra tenuis haplotype 3lt: H03 16S ribosomal RN	DQ915184	86.79	100	1.82896e-44	Plecoptera	Leuctridae	Leuctra tenuis
Leuctra tenuis haplotype 2lt: H02 16S ribosomal RN	DQ915183	86.79	100	1.82896e-44	Plecoptera	Leuctridae	Leuctra tenuis
Leuctra tenuis haplotype 6lt: HO6 16S ribosomal RN	EU327678	86.16	100	2.22813e-43	Plecoptera	Leuctridae	Leuctra tenuis
Leuctra tenuis haplotype 1lt: H01 16S ribosomal RN	DQ915182	86.16	100	2.22813e-43	Plecoptera	Leuctridae	Leuctra tenuis
Moselia infuscata 16S ribosomal RNA gene, partial	EF623175	86.79	99.37	7.77694e-43	Plecoptera	Leuctridae	Moselia infuscata
Leuctra tenuis haplotype 5lt: HO5 16S ribosomal RN	EU327677	85.53	100	9.47426e-42	Plecoptera	Leuctridae	Leuctra tenuis
Leuctra tenuis haplotype 4lt: HO4 16S ribosomal RN	EU327676	84.91	100	1.1542e-40	Plecoptera	Leuctridae	Leuctra tenuis
Despaxia augusta 16S ribosomal RNA gene, partial s	EF623177	83.65	100	5.97891e-38	Plecoptera	Leuctridae	Despaxia augusta
Apteroperla tikumana mitochondrion, complete genom	KR604721	83.12	100	3.09715e-35	Plecoptera	Capniidae	Apteroperla tikumana
Allocapnia minima 16S ribosomal RNA gene, partial	EF623130	83.12	100	3.09715e-35	Plecoptera	Capniidae	Allocapnia minima
Cascadoperla trictura 16S ribosomal RNA gene, part	EF623225	82.39	100	3.7731e-34	Plecoptera	Perlodidae	Cascadoperla trictura
Allocapnia recta isolate H15: 16S ribosomal RNA gen	KC881050	82.5	100	1.31694e-33	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H14 16S ribosomal RNA gen	KC881049	82.5	100	1.31694e-33	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H10 16S ribosomal RNA gen	KC881045	82.5	100	1.31694e-33	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H6 16S ribosomal RNA gene	KC881041	82.5	100	1.31694e-33	Plecoptera	Capniidae	Allocapnia recta
Protonemura meyeri 16S ribosomal RNA gene, partial	EF623193	83.23	100	1.31694e-33	Plecoptera	Nemouridae	Protonemura meyeri
Allocapnia recta haplotype 11ar: H011 16S ribosoma	EU306874	82.5	100	1.31694e-33	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta haplotype 7ar: H07 16S ribosomal	EU306870	82.5	100	1.31694e-33	Plecoptera	Capniidae	Allocapnia recta
Soyedina producta 16S ribosomal RNA gene, partial	EF623196	81.76	100	4.59658e-33	Plecoptera	Nemouridae	Soyedina producta
Capnura wanica 16S ribosomal RNA gene, partial seq	EF623128	81.76	100	4.59658e-33	Plecoptera	Capniidae	Capnura wanica
Mesocapnia arizonensis mitochondrion, partial geno	KP642637	81.88	100	1.60436e-32	Plecoptera	Capniidae	Mesocapnia arizonensis
Allocapnia recta isolate H19 16S ribosomal RNA gen	KC881054	81.88	100	1.60436e-32	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H17 16S ribosomal RNA gen	KC881052	81.88	100	1.60436e-32	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H16 16S ribosomal RNA gen	KC881051	81.88	100	1.60436e-32	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H13 16S ribosomal RNA gen	KC881048	81.88	100	1.60436e-32	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H12 16S ribosomal RNA gen	KC881047	81.88	100	1.60436e-32	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H11 16S ribosomal RNA gen	KC881046	81.88	100	1.60436e-32	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H9 16S ribosomal RNA gene	KC881044	81.88	100	1.60436e-32	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H8 16S ribosomal RNA gene	KC881043	81.88	100	1.60436e-32	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H7 16S ribosomal RNA gene	KC881042	81.88	100	1.60436e-32	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H5 16S ribosomal RNA gene	KC881040	81.88	100	1.60436e-32	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H4 16S ribosomal RNA gene	KC881039	81.88	100	1.60436e-32	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H3 16S ribosomal RNA gene	KC881038	81.88	100	1.60436e-32	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H1 16S ribosomal RNA gene	KC881036	81.88	100	1.60436e-32	Plecoptera	Capniidae	Allocapnia recta
Perlínodes aurea 16S ribosomal RNA gene, partial s	EF623234	82.5	100	1.60436e-32	Plecoptera	Perlodidae	Perlínodes aurea
Nemurella pictetii 16S ribosomal RNA gene, partial	EF623192	81.88	100	1.60436e-32	Plecoptera	Nemouridae	Nemurella pictetii
Ostrocerca foersteri 16S ribosomal RNA gene, parti	EF623191	81.88	100	1.60436e-32	Plecoptera	Nemouridae	Ostrocerca foersteri
Paraleuctra occidentalis 16S ribosomal RNA gene, p	EF623178	81.76	100	1.60436e-32	Plecoptera	Leuctridae	Paraleuctra occidentalis
Isocapnia hyalita 16S ribosomal RNA gene, partial	EF623131	81.88	100	1.60436e-32	Plecoptera	Capniidae	Isocapnia hyalita
Mesocapnia sp. BYU_PL010 16S ribosomal RNA gene, p	EF623127	81.88	100	1.60436e-32	Plecoptera	Capniidae	Mesocapnia sp. BYU_PL010
Allocapnia recta haplotype 10ar: H010 16S ribosoma	EU306873	81.88	100	1.60436e-32	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta haplotype 9ar: H09 16S ribosomal	EU306872	81.88	100	1.60436e-32	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta haplotype 8ar: H08 16S ribosomal	EU306871	81.88	100	1.60436e-32	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta haplotype 3ar: H03 16S ribosomal	DQ915181	81.88	100	1.60436e-32	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta haplotype 2ar: H02 16S ribosomal	DQ915180	81.88	100	1.60436e-32	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta haplotype 1ar: H01 16S ribosomal	DQ915179	81.88	100	1.60436e-32	Plecoptera	Capniidae	Allocapnia recta
Doddsia occidentalis 16S ribosomal RNA gene, parti	EF623270	81.25	100	5.59978e-32	Plecoptera	Perlodidae	Doddsia occidentalis
Oemopteryx vanduzeeae 16S ribosomal RNA gene, parti	EF623266	81.25	100	5.59978e-32	Plecoptera	Taeniopterygidae	Oemopteryx vanduzeeae
Nemoura cinerea 16S ribosomal RNA gene, partial se	EF623194	81.99	100	5.59978e-32	Plecoptera	Nemouridae	Nemoura cinerea
Shipsa rotunda 16S ribosomal RNA gene, partial seq	EF623184	82.61	100	5.59978e-32	Plecoptera	Nemouridae	Shipsa rotunda
Suwallia telekojensis 16S ribosomal RNA gene, par	EF623142	93.07	63.52	5.59978e-32	Plecoptera	Chloroperlidae	Suwallia telekojensis
Neaviperla forcipata 16S ribosomal RNA gene, parti	EF623139	93.07	63.52	5.59978e-32	Plecoptera	Chloroperlidae	Neaviperla forcipata
Triznaka pintada 16S ribosomal RNA gene, partial s	EF623134	82.72	100	5.59978e-32	Plecoptera	Chloroperlidae	Triznaka pintada
Plumiperla diversa 16S ribosomal RNA gene, partial	EF623132	93.07	63.52	5.59978e-32	Plecoptera	Chloroperlidae	Plumiperla diversa
Allocapnia recta isolate H18 16S ribosomal RNA gen	KC881053	81.25	100	6.82193e-31	Plecoptera	Capniidae	Allocapnia recta
Nanonemoura wahkeena 16S ribosomal RNA gene, parti	EF623198	81.25	100	6.82193e-31	Plecoptera	Nemouridae	Nanonemoura wahkeena
Visoka cataractae 16S ribosomal RNA gene, partial	EF623189	81.99	100	6.82193e-31	Plecoptera	Nemouridae	Visoka cataractae
Nemoura trispinosa 16S ribosomal RNA gene, partial	EF623187	81.25	100	6.82193e-31	Plecoptera	Nemouridae	Nemoura trispinosa
Zapada cinctipes 16S ribosomal RNA gene, partial s	EF623183	90.74	67.3	6.82193e-31	Plecoptera	Nemouridae	Zapada cinctipes
Kathroperla perdita 16S ribosomal RNA gene, partia	EF623135	81.25	100	6.82193e-31	Plecoptera	Chloroperlidae	Kathroperla perdita
Allocapnia recta haplotype 12ar: H12 16S ribosomal	EU306875	81.25	100	6.82193e-31	Plecoptera	Capniidae	Allocapnia recta
Pteronarcys sachalina 16S ribosomal RNA gene, part	EF623264	82.39	89.31	2.38109e-30	Plecoptera	Pteronarcyidae	Pteronarcys sachalina
Paranemoura claasseni 16S ribosomal RNA gene, part	EF623185	82.21	100	2.38109e-30	Plecoptera	Nemouridae	Paranemoura claasseni
Bolotoperla rossi 16S ribosomal RNA gene, partial	EF623269	79.87	100	8.31081e-30	Plecoptera	Taeniopterygidae	Bolotoperla rossi
Scopura montana 16S ribosomal RNA gene, partial se	EF623265	81.6	100	8.31081e-30	Plecoptera		Scopura montana
Udamocercia sp. BYU_PL150 16S ribosomal RNA gene,	EF623201	89.81	67.3	8.31081e-30	Plecoptera		Udamocercia sp. BYU_PL150
Siphonoperla torrentium 16S ribosomal RNA gene, pa	EF623138	91.09	63.52	8.31081e-30	Plecoptera	Chloroperlidae	Siphonoperla torrentium
Sweltsa coloradensis 16S ribosomal RNA gene, parti	EF623133	91.09	63.52	8.31081e-30	Plecoptera	Chloroperlidae	Sweltsa coloradensis
Osobenus yakimae 16S ribosomal RNA gene, partial s	EF623232	81.48	100	2.90076e-29	Plecoptera	Perlodidae	Osobenus yakimae
Frisonia picticeps 16S ribosomal RNA gene, partial	EF623227	90.29	64.78	2.90076e-29	Plecoptera	Perlodidae	Frisonia picticeps
Isoperla oxylepis 16S ribosomal RNA gene, partial	EF623221	91.26	64.78	2.90076e-29	Plecoptera	Perlodidae	Isoperla oxylepis
Yugus bulbosus 16S ribosomal RNA gene, partial seq	EF623214	80.86	100	2.90076e-29	Plecoptera	Perlodidae	Yugus bulbosus
Isoperla davisii 16S ribosomal RNA gene, partial se	EF623206	91.26	64.78	2.90076e-29	Plecoptera	Perlodidae	Isoperla davisii
Malenka californica 16S ribosomal RNA gene, partia	EF623182	81.37	100	2.90076e-29	Plecoptera	Nemouridae	Malenka californica
Chloroperla tripunctata 16S ribosomal RNA gene, pa	EF623137	91.09	63.52	2.90076e-29	Plecoptera	Chloroperlidae	Chloroperla tripunctata
Megaleuctra kincaidi 16S ribosomal RNA gene, parti	EF623174	80.86	100	1.01246e-28	Plecoptera	Leuctridae	Megaleuctra kincaidi
Pteronarcys princeps mitochondrion, complete genom	AY687866	82.52	89.31	1.01246e-28	Plecoptera	Pteronarcyidae	Pteronarcys princeps
Notonemouridae sp. MD-2011 voucher ZMUC:JD-1507 16	JN615257	80	100	3.53385e-28	Plecoptera	Notonemouridae	Notonemouridae sp. MD-2011
Pteronarcella badia 16S ribosomal RNA gene, partia	EF623262	90.1	63.52	3.53385e-28	Plecoptera	Pteronarcyidae	Pteronarcella badia
Cerconychia sp. BYU_PL114 16S ribosomal RNA gene,	EF623260	89.32	64.78	3.53385e-28	Plecoptera	Styloperlidae	Cerconychia sp. BYU_PL114
Cosumnoperla hypocrena 16S ribosomal RNA gene, par	EF623226	89.32	64.78	3.53385e-28	Plecoptera	Perlodidae	Cosumnoperla hypocrena
Cultus pilatus 16S ribosomal RNA gene, partial seq	EF623212	80.12	100	3.53385e-28	Plecoptera	Perlodidae	Cultus pilatus
Acroperla trivacauta 16S ribosomal RNA gene, parti	EF623155	90.1	63.52	3.53385e-28	Plecoptera	Gripopterygidae	Acroperla trivacauta
Thaumatoperla sp. BYU_PL109 16S ribosomal RNA gene	EF623149	80	100	3.53385e-28	Plecoptera	Eustheniidae	Thaumatoperla sp. BYU_PL109
Sasquaperla hoopa 16S ribosomal RNA gene, partial	EF623143	90.1	63.52	3.53385e-28	Plecoptera	Chloroperlidae	Sasquaperla hoopa
Alloperla severa 16S ribosomal RNA gene, partial s	EF623141	80	100	3.53385e-28	Plecoptera	Chloroperlidae	Alloperla severa
Paraperla frontalis 16S ribosomal RNA gene, partia	EF623136	80.62	100	3.53385e-28	Plecoptera	Chloroperlidae	Paraperla frontalis
Klapopteryx armillata 16S ribosomal RNA gene, part	EF623123	80	100	3.53385e-28	Plecoptera	Austroperlidae	Klapopteryx armillata
Osmylus sp. EH-2004 16S ribosomal RNA gene, partia	AY620146	89.32	64.78	3.53385e-28	Neuroptera	Osmylidae	Osmylus sp. EH-2004
Austrocercia rieka 16S ribosomal RNA gene, partial	EF623205	80.25	100	1.23343e-27	Plecoptera	Notonemouridae	Austrocercia rieka
Austrocercoides zwicki 16S ribosomal RNA gene, par	EF623199	80.25	100	1.23343e-27	Plecoptera	Notonemouridae	Austrocercoides zwicki
Prostoia besametsa 16S ribosomal RNA gene, partial	EF623188	90.2	63.52	1.23343e-27	Plecoptera	Nemouridae	Prostoia besametsa
Utaperla sopladora 16S ribosomal RNA gene, partial	EF623140	89.11	63.52	1.23343e-27	Plecoptera	Chloroperlidae	Utaperla sopladora
Pteronarcys californica 16S ribosomal RNA gene, pa	EF623261	81.82	89.31	4.30511e-27	Plecoptera	Pteronarcyidae	Pteronarcys californica
Lednia tumana 16S ribosomal RNA gene, partial sequ	EF623197	80	100	4.30511e-27	Plecoptera	Nemouridae	Lednia tumana