

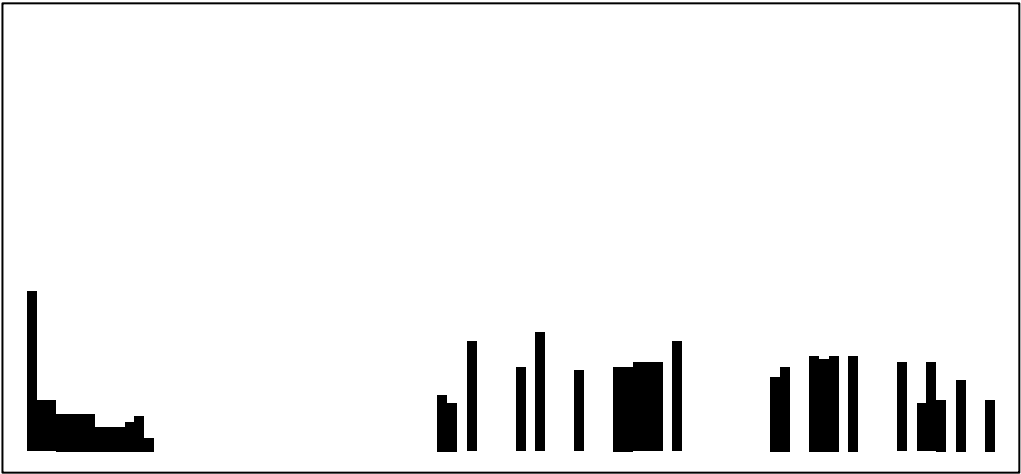
OTU_84.csv

Leuctra inermis

Leuctridae

Plecoptera

87.5



Leuctra inermis 16S ribosomal RNA gene, partial se
Leuctra tenuis haplotype 8lt: HO8 16S ribosomal RN
Leuctra tenuis haplotype 7lt: HO7 16S ribosomal RN
Leuctra tenuis haplotype 10lt: HO10 16S ribosomal
Leuctra tenuis haplotype 9lt: HO9 16S ribosomal RN
Leuctra tenuis haplotype 3lt: HO3 16S ribosomal RN
Leuctra tenuis haplotype 2lt: HO2 16S ribosomal RN
Leuctra tenuis haplotype 6lt: HO6 16S ribosomal RN
Leuctra tenuis haplotype 5lt: HO5 16S ribosomal RN
Leuctra tenuis haplotype 1lt: H01 16S ribosomal RN
Despaxia augusta 16S ribosomal RNA gene, partial s
Moselia infuscata 16S ribosomal RNA gene, partial
Leuctra tenuis haplotype 4lt: HO4 16S ribosomal RN
Soyedina producta 16S ribosomal RNA gene, partial
Nemoura trispinosa 16S ribosomal RNA gene, partial
Pteronarcys princeps mitochondrion, complete genom
Nemurella pictetii 16S ribosomal RNA gene, partial
Kathroperla perdita 16S ribosomal RNA gene, partia
Pteronarcys sachalina 16S ribosomal RNA gene, part
Pteronarcys californica 16S ribosomal RNA gene, pa
Nemoura cinerea 16S ribosomal RNA gene, partial se
Protonemura meyeri 16S ribosomal RNA gene, partial
Shipsa rotunda 16S ribosomal RNA gene, partial seq
Allocapnia recta isolate H17 16S ribosomal RNA gen
Allocapnia recta isolate H12 16S ribosomal RNA gen
Allocapnia recta isolate H9 16S ribosomal RNA gene
Allocapnia recta isolate H8 16S ribosomal RNA gene
Allocapnia recta isolate H5 16S ribosomal RNA gene
Allocapnia recta isolate H4 16S ribosomal RNA gene
Paraperla frontalis 16S ribosomal RNA gene, partia
Allocapnia recta haplotype 10ar: H010 16S ribosoma
Allocapnia recta haplotype 9ar: H09 16S ribosomal
Allocapnia recta haplotype 8ar: H08 16S ribosomal
Allocapnia recta haplotype 1ar: H01 16S ribosomal
Anterastes serbicus haplotype 38BUL 16S ribosomal
Apteroperla tikumana mitochondrion, complete genom
Allocapnia recta isolate H18 16S ribosomal RNA gen
Allocapnia recta isolate H15 16S ribosomal RNA gen
Allocapnia recta isolate H14 16S ribosomal RNA gen
Allocapnia recta isolate H10 16S ribosomal RNA gen
Allocapnia recta isolate H6 16S ribosomal RNA gene
Doddsia occidentalis 16S ribosomal RNA gene, parti
Ostrocerca foersteri 16S ribosomal RNA gene, parti
Visoka cataractae 16S ribosomal RNA gene, partial
Allocapnia minima 16S ribosomal RNA gene, partial
Tasmanoperla larvalis 16S ribosomal RNA gene, part
Klapopteryx armillata 16S ribosomal RNA gene, part
Allocapnia recta haplotype 11ar: H011 16S ribosoma
Allocapnia recta haplotype 7ar: H07 16S ribosomal
Ameletoides sp. EP159 16S ribosomal RNA gene, part
Rallidens mcfarlanei 16S ribosomal RNA gene, parti
Yugus bulbosus 16S ribosomal RNA gene, partial seq
Lednia tumana 16S ribosomal RNA gene, partial sequ
Malenka californica 16S ribosomal RNA gene, partia
Triznaka pintada 16S ribosomal RNA gene, partial s
Isocapnia hyalita 16S ribosomal RNA gene, partial
Siphonurus binotatus mitochondrial gene for 16S r
Anterastes serbicus haplotype 37BUL 16S ribosomal
Pteronarcys scotti 16S ribosomal RNA gene, partial
Cultus pilatus 16S ribosomal RNA gene, partial seq
Prostoia besametsa 16S ribosomal RNA gene, partial
Paranemoura claasseni 16S ribosomal RNA gene, part
Acroperla trivacauta 16S ribosomal RNA gene, parti
Sasquaperla hoopa 16S ribosomal RNA gene, partial
Chloroperla tripunctata 16S ribosomal RNA gene, pa
Capnura wanica 16S ribosomal RNA gene, partial seq
Penturoperla barbata 16S ribosomal RNA gene, parti
Mesocapnia arizonensis mitochondrion, partial geno
Allocapnia recta isolate H19 16S ribosomal RNA gen
Allocapnia recta isolate H16 16S ribosomal RNA gen
Allocapnia recta isolate H13 16S ribosomal RNA gen
Allocapnia recta isolate H11 16S ribosomal RNA gen
Allocapnia recta isolate H7 16S ribosomal RNA gene
Allocapnia recta isolate H3 16S ribosomal RNA gene
Anterastes serbicus haplotype 32BUL 16S ribosomal
Oemopteryx vanduzeeae 16S ribosomal RNA gene, parti
Pteronarcella badia 16S ribosomal RNA gene, partia
Acroneuria lycorias 16S ribosomal RNA gene, partia
Susulus venastus 16S ribosomal RNA gene, partial s
Amphinemura nigritta 16S ribosomal RNA gene, parti
Suwallia teleckojensis 16S ribosomal RNA gene, par
Utaperla sopladora 16S ribosomal RNA gene, partial
Neaviperla forcipata 16S ribosomal RNA gene, parti
Sweltsa coloradensis 16S ribosomal RNA gene, parti
Plumiperla diversa 16S ribosomal RNA gene, partial
Mesocapnia sp. BYU_PL010 16S ribosomal RNA gene, p
Allocapnia recta haplotype 3ar: H03 16S ribosomal
Allocapnia recta haplotype 2ar: H02 16S ribosomal
Brachyptera seticornis 16S ribosomal RNA gene, par
Cerconychia sp. BYU_PL114 16S ribosomal RNA gene,
Cascadoperla trictura 16S ribosomal RNA gene, part
Amphinemura sulcicollis 16S ribosomal RNA gene, pa
Epeorus longimanus 16S ribosomal RNA gene, partial
Dinocras cephalotes mitochondrion, complete genome
Allocapnia recta isolate H1 16S ribosomal RNA gene
Anterastes disparalatus haplotype 46BO 16S ribosom
Anterastes serbicus haplotype 35BUL 16S ribosomal
Metrioptera engelhardti isolate CLN012 16S large s
Dinocras cephalotes 16S ribosomal RNA gene, partia
Osobenus yakimae 16S ribosomal RNA gene, partial s

EF623176	87.5	100	1.5013e-45
EU327680	82.39	100	3.09715e-35
EU327679	82.39	100	3.09715e-35
EU327682	81.76	100	1.31694e-33
EU327681	81.76	100	1.31694e-33
DQ915184	81.76	100	1.31694e-33
DQ915183	81.76	100	1.31694e-33
EU327678	81.13	100	1.60436e-32
EU327677	81.13	100	1.60436e-32
DQ915182	81.13	100	1.60436e-32
EF623177	81.37	100	6.82193e-31
EF623175	81.65	99.37	6.82193e-31
EU327676	80.62	100	2.90076e-29
EF623196	79.88	100	6.38935e-25
EF623187	79.27	100	2.2301e-24
AY687866	78.26	100	2.2301e-24
EF623192	79.04	100	7.78382e-24
EF623135	77.36	100	2.71682e-23
EF623264	77.64	100	9.48263e-23
EF623261	77.64	100	9.48263e-23
EF623194	78.05	100	9.48263e-23
EF623193	78.88	100	9.48263e-23
EF623184	78.31	100	9.48263e-23
KC881052	77.78	100	3.30976e-22
KC881047	77.78	100	3.30976e-22
KC881044	77.78	100	3.30976e-22
KC881043	77.78	100	3.30976e-22
KC881040	77.78	100	3.30976e-22
KC881039	77.78	100	3.30976e-22
EF623136	79.01	100	3.30976e-22
EU306873	77.78	100	3.30976e-22
EU306872	77.78	100	3.30976e-22
EU306871	77.78	100	3.30976e-22
DQ915179	77.78	100	3.30976e-22
HM856177	78.53	99.37	1.15522e-21
KR604721	77.16	100	4.03212e-21
KC881053	77.16	100	4.03212e-21
KC881050	77.16	100	4.03212e-21
KC881049	77.16	100	4.03212e-21
KC881045	77.16	100	4.03212e-21
KC881041	77.16	100	4.03212e-21
EF623270	76.4	100	4.03212e-21
EF623191	82.64	74.21	4.03212e-21
EF623189	82.26	76.1	4.03212e-21
EF623130	77.16	100	4.03212e-21
EF623125	85.15	63.52	4.03212e-21
EF623123	76.88	100	4.03212e-21
EU306874	77.16	100	4.03212e-21
EU306870	77.16	100	4.03212e-21
AY749826	78.87	89.31	4.03212e-21
AY749794	83.93	70.44	4.03212e-21
EF623214	78.53	100	1.40735e-20
EF623197	85.58	64.78	1.40735e-20
EF623182	77.3	100	1.40735e-20
EF623134	78.53	100	1.40735e-20
EF623131	76.69	100	1.40735e-20
AB110269	83.78	69.81	1.40735e-20
HM856173	77.91	99.37	4.91212e-20
EF623263	79.58	88.05	4.91212e-20
EF623212	77.02	100	4.91212e-20
EF623188	83.96	64.78	4.91212e-20
EF623185	83.96	64.78	4.91212e-20
EF623155	84.16	63.52	4.91212e-20
EF623143	84.16	63.52	4.91212e-20
EF623137	84.16	63.52	4.91212e-20
EF623128	77.02	100	4.91212e-20
EF623124	85.15	63.52	4.91212e-20
KP642637	76.54	100	1.7145e-19
KC881054	76.54	100	1.7145e-19
KC881051	76.54	100	1.7145e-19
KC881048	76.54	100	1.7145e-19
KC881046	76.54	100	1.7145e-19
KC881042	76.54	100	1.7145e-19
KC881038	76.54	100	1.7145e-19
HM856167	77.02	99.37	1.7145e-19
EF623266	76.54	100	1.7145e-19
EF623262	83.5	64.78	1.7145e-19
EF623251	83.96	64.78	1.7145e-19
EF623229	77.16	100	1.7145e-19
EF623186	76.54	100	1.7145e-19
EF623142	84.47	63.52	1.7145e-19
EF623140	84.31	63.52	1.7145e-19
EF623139	84.47	63.52	1.7145e-19
EF623133	77.91	100	1.7145e-19
EF623132	84.47	63.52	1.7145e-19
EF623127	76.54	100	1.7145e-19
DQ915181	76.54	100	1.7145e-19
DQ915180	76.54	100	1.7145e-19
EF623268	77.44	100	5.98419e-19
EF623260	84.16	63.52	5.98419e-19
EF623225	76.25	100	5.98419e-19
EF623195	82.24	67.3	5.98419e-19
AY749757	84.16	63.52	5.98419e-19
KF484757	82.41	64.78	2.08869e-18
KC881036	75.93	100	2.08869e-18
HQ850975	83.33	64.15	2.08869e-18
HM856162	76.25	99.37	2.08869e-18
EF198434	75.47	99.37	2.08869e-18
EF623244	82.41	64.78	2.08869e-18
EF623232	77.3	100	2.08869e-18

Plecoptera	Leuctridae	Leuctra inermis
Plecoptera	Leuctridae	Leuctra tenuis
Plecoptera	Leuctridae	Leuctra tenuis
Plecoptera	Leuctridae	Leuctra tenuis
Plecoptera	Leuctridae	Leuctra tenuis
Plecoptera	Leuctridae	Leuctra tenuis
Plecoptera	Leuctridae	Leuctra tenuis
Plecoptera	Leuctridae	Leuctra tenuis
Plecoptera	Leuctridae	Leuctra tenuis
Plecoptera	Leuctridae	Leuctra tenuis
Plecoptera	Leuctridae	Despaxia augusta
Plecoptera	Leuctridae	Moselia infuscata
Plecoptera	Leuctridae	Leuctra tenuis
Plecoptera	Nemouridae	Soyedina producta
Plecoptera	Nemouridae	Nemoura trispinosa
Plecoptera	Pteronarcyidae	Pteronarcys princeps
Plecoptera	Nemouridae	Nemurella pictetii
Plecoptera	Chloroperlidae	Kathroperla perdita
Plecoptera	Pteronarcyidae	Pteronarcys sachalina
Plecoptera	Pteronarcyidae	Pteronarcys californica
Plecoptera	Nemouridae	Nemoura cinerea
Plecoptera	Nemouridae	Protonemura meyeri
Plecoptera	Nemouridae	Shipsa rotunda
Plecoptera	Capniidae	Allocapnia recta
Plecoptera	Capniidae	Allocapnia recta
Plecoptera	Capniidae	Allocapnia recta
Plecoptera	Capniidae	Allocapnia recta
Plecoptera	Capniidae	Allocapnia recta
Plecoptera	Capniidae	Allocapnia recta
Plecoptera	Capniidae	Allocapnia recta
Plecoptera	Chloroperlidae	Paraperla frontalis
Plecoptera	Capniidae	Allocapnia recta
Plecoptera	Capniidae	Allocapnia recta
Plecoptera	Capniidae	Allocapnia recta
Plecoptera	Capniidae	Allocapnia recta
Plecoptera	Capniidae	Allocapnia recta
Plecoptera	Capniidae	Allocapnia recta
Orthoptera	Tettigoniidae	Anterastes serbicus
Plecoptera	Capniidae	Apteroperla tikumana
Plecoptera	Capniidae	Allocapnia recta
Plecoptera	Capniidae	Allocapnia recta
Plecoptera	Capniidae	Allocapnia recta
Plecoptera	Capniidae	Allocapnia recta
Plecoptera	Capniidae	Allocapnia recta
Plecoptera	Capniidae	Allocapnia recta
Plecoptera	Capniidae	Allocapnia recta
Plecoptera	Taeniopterygidae	Doddsia occidentalis
Plecoptera	Nemouridae	Ostrocerca foersteri
Plecoptera	Nemouridae	Visoka cataractae
Plecoptera	Capniidae	Allocapnia minima
Plecoptera	Austroperlidae	Tasmanoperla larvalis
Plecoptera	Austroperlidae	Klapopteryx armillata
Plecoptera	Capniidae	Allocapnia recta
Plecoptera	Capniidae	Allocapnia recta
Ephemeroptera	Nesameletidae	Ameletoides sp. EP159
Ephemeroptera	Rallidentidae	Rallidens mcfarlanei
Plecoptera	Perlodidae	Yugus bulbosus
Plecoptera	Nemouridae	Lednia tumana
Plecoptera	Nemouridae	Malenka californica
Plecoptera	Chloroperlidae	Triznaka pintada
Plecoptera	Capniidae	Isocapnia hyalita
Ephemeroptera	Siphonuridae	Siphonurus binotatus
Orthoptera	Tettigoniidae	Anterastes serbicus
Plecoptera	Pteronarcyidae	Pteronarcys scotti
Plecoptera	Perlodidae	Cultus pilatus
Plecoptera	Nemouridae	Prostoia besametsa
Plecoptera	Nemouridae	Paranemoura claasseni
Plecoptera	Gripopterygidae	Acroperla trivacauta
Plecoptera	Chloroperlidae	Sasquaperla hoopa
Plecoptera	Chloroperlidae	Chloroperla tripunctata
Plecoptera	Capniidae	Capnura wanica
Plecoptera	Austroperlidae	Penturoperla barbata
Plecoptera	Capniidae	Mesocapnia arizonensis
Plecoptera	Capniidae	Allocapnia recta
Plecoptera	Capniidae	Allocapnia recta
Plecoptera	Capniidae	Allocapnia recta
Plecoptera	Capniidae	Allocapnia recta
Plecoptera	Capniidae	Allocapnia recta
Plecoptera	Capniidae	Allocapnia recta
Orthoptera	Tettigoniidae	Anterastes serbicus
Plecoptera	Taeniopterygidae	Oemopteryx vanduzeeae
Plecoptera	Pteronarcyidae	Pteronarcella badia
Plecoptera	Perlidae	Acroneuria lycorias
Plecoptera	Perlodidae	Susulus venastus
Plecoptera	Nemouridae	Amphinemura nigritta
Plecoptera	Chloroperlidae	Suwallia teleckojensis
Plecoptera	Chloroperlidae	Utaperla sopladora
Plecoptera	Chloroperlidae	Neaviperla forcipata
Plecoptera	Chloroperlidae	Sweltsa coloradensis
Plecoptera	Chloroperlidae	Plumiperla diversa
Plecoptera	Capniidae	Mesocapnia sp. BYU_PL010
Plecoptera	Capniidae	Allocapnia recta
Plecoptera	Capniidae	Allocapnia recta
Plecoptera	Taeniopterygidae	Brachyptera seticornis
Plecoptera	Styloperlidae	Cerconychia sp. BYU_PL114
Plecoptera	Perlodidae	Cascadoperla trictura
Plecoptera	Nemouridae	Amphinemura sulcicollis
Ephemeroptera	Heptageniidae	Epeorus longimanus
Perlidae	Perlidae	Dinocras cephalotes
Capniidae	Capniidae	Allocapnia recta
Tettigoniidae	Tettigoniidae	Anterastes disparalatus
Orthoptera	Tettigoniidae	Anterastes serbicus
Orthoptera	Tettigoniidae	Metrioptera engelhardti
Plecoptera	Perlidae	Dinocras cephalotes
Plecoptera	Perlodidae	Osobenus yakimae