

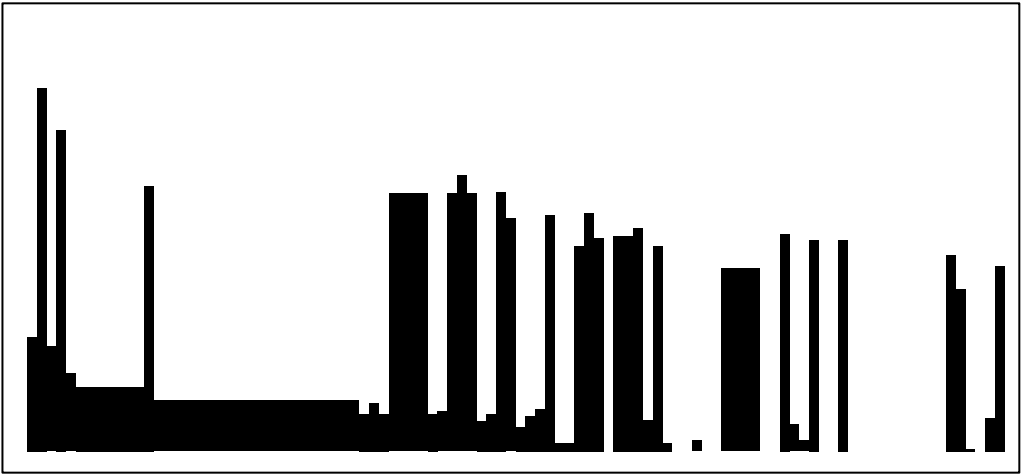
OTU_76.csv

Cascadoperla trictura

Perlodidae

Plecoptera

85.35



Cascadoperla trictura 16S ribosomal RNA gene, part	EF623225	85.35	100	1.13558e−40	Plecoptera	Perlodidae	Cascadoperla trictura
Isoperla oxylepis 16S ribosomal RNA gene, partial	EF623221	97.03	64.33	1.68536e−38	Plecoptera	Perlodidae	Isoperla oxylepis
Perlinodes aurea 16S ribosomal RNA gene, partial s	EF623234	84.91	100	2.05319e−37	Plecoptera	Perlodidae	Perlinodes aurea
Isoperla davisi 16S ribosomal RNA gene, partial se	EF623206	95.05	64.33	8.73037e−36	Plecoptera	Perlodidae	Isoperla davisi
Allocapnia minima 16S ribosomal RNA gene, partial	EF623130	83.65	100	8.73037e−36	Plecoptera	Capniidae	Allocapnia minima
Apteroperla tikumana mitochondrion, complete genom	KR604721	83.02	100	1.06358e−34	Plecoptera	Capniidae	Apteroperla tikumana
Allocapnia recta isolate H15 16S ribosomal RNA gen	KC881050	83.02	100	1.06358e−34	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H14 16S ribosomal RNA gen	KC881049	83.02	100	1.06358e−34	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H10 16S ribosomal RNA gen	KC881045	83.02	100	1.06358e−34	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H6 16S ribosomal RNA gene	KC881041	83.02	100	1.06358e−34	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta haplotype 11ar: H011 16S ribosoma	EU306874	83.02	100	1.06358e−34	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta haplotype 7ar: H07 16S ribosomal	EU306870	83.02	100	1.06358e−34	Plecoptera	Capniidae	Allocapnia recta
Cryptoperla sp. YK−2012−1 mitochondrial gene for 1	AB711243	92.45	67.52	1.2957e−33	Plecoptera	Peltoperlidae	Cryptoperla sp. YK−2012−1
Mesocapnia arizonensis mitochondrion, partial geno	KP642637	82.39	100	4.52244e−33	Plecoptera	Capniidae	Mesocapnia arizonensis
Allocapnia recta isolate H19 16S ribosomal RNA gen	KC881054	82.39	100	4.52244e−33	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H17 16S ribosomal RNA gen	KC881052	82.39	100	4.52244e−33	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H16 16S ribosomal RNA gen	KC881051	82.39	100	4.52244e−33	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H13 16S ribosomal RNA gen	KC881048	82.39	100	4.52244e−33	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H12 16S ribosomal RNA gen	KC881047	82.39	100	4.52244e−33	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H11 16S ribosomal RNA gen	KC881046	82.39	100	4.52244e−33	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H9 16S ribosomal RNA gene	KC881044	82.39	100	4.52244e−33	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H8 16S ribosomal RNA gene	KC881043	82.39	100	4.52244e−33	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H7 16S ribosomal RNA gene	KC881042	82.39	100	4.52244e−33	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H5 16S ribosomal RNA gene	KC881040	82.39	100	4.52244e−33	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H4 16S ribosomal RNA gene	KC881039	82.39	100	4.52244e−33	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H3 16S ribosomal RNA gene	KC881038	82.39	100	4.52244e−33	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H1 16S ribosomal RNA gene	KC881036	82.39	100	4.52244e−33	Plecoptera	Capniidae	Allocapnia recta
Mesocapnia sp. BYU_PL010 16S ribosomal RNA gene, p	EF623127	82.39	100	4.52244e−33	Plecoptera	Capniidae	Mesocapnia sp. BYU_PL010
Allocapnia recta haplotype 10ar: H010 16S ribosoma	EU306873	82.39	100	4.52244e−33	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta haplotype 9ar: H09 16S ribosomal	EU306872	82.39	100	4.52244e−33	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta haplotype 8ar: H08 16S ribosomal	EU306871	82.39	100	4.52244e−33	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta haplotype 3ar: H03 16S ribosomal	DQ915181	82.39	100	4.52244e−33	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta haplotype 2ar: H02 16S ribosomal	DQ915180	82.39	100	4.52244e−33	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta haplotype 1ar: H01 16S ribosomal	DQ915179	82.39	100	4.52244e−33	Plecoptera	Capniidae	Allocapnia recta
Leuctra inermis 16S ribosomal RNA gene, partial se	EF623176	81.76	100	1.57849e−32	Plecoptera	Leuctridae	Leuctra inermis
Capnura wanica 16S ribosomal RNA gene, partial seq	EF623128	82.28	100	1.57849e−32	Plecoptera	Capniidae	Capnura wanica
Allocapnia recta isolate H18 16S ribosomal RNA gen	KC881053	81.76	100	5.50946e−32	Plecoptera	Capniidae	Allocapnia recta
Cryptoperla japonica mitochondrial gene for 16S rR	AB711202	92.08	64.33	5.50946e−32	Plecoptera	Peltoperlidae	Cryptoperla japonica
Cryptoperla japonica mitochondrial gene for 16S rR	AB711184	92.08	64.33	5.50946e−32	Plecoptera	Peltoperlidae	Cryptoperla japonica
Cryptoperla japonica mitochondrial gene for 16S rR	AB711183	92.08	64.33	5.50946e−32	Plecoptera	Peltoperlidae	Cryptoperla japonica
Cryptoperla japonica mitochondrial gene for 16S rR	AB711182	92.08	64.33	5.50946e−32	Plecoptera	Peltoperlidae	Cryptoperla japonica
Notonemouridae sp. MD−2011 voucher ZMUC:JD−1507 16	JN615257	81.76	100	5.50946e−32	Plecoptera	Notonemouridae	Notonemouridae sp. MD−2011
Osobenus yakimae 16S ribosomal RNA gene, partial s	EF623232	81.88	100	5.50946e−32	Plecoptera	Perlodidae	Osobenus yakimae
Cosumnoperla hypocrena 16S ribosomal RNA gene, par	EF623226	92.08	64.33	5.50946e−32	Plecoptera	Perlodidae	Cosumnoperla hypocrena
Chernokrilus misnomus 16S ribosomal RNA gene, part	EF623209	92.93	63.06	5.50946e−32	Plecoptera	Perlodidae	Chernokrilus misnomus
Isoperla fulva 16S ribosomal RNA gene, partial seq	EF623207	92.08	64.33	5.50946e−32	Plecoptera	Perlodidae	Isoperla fulva
Moselia infuscata 16S ribosomal RNA gene, partial	EF623175	81.41	99.36	5.50946e−32	Plecoptera	Leuctridae	Moselia infuscata
Allocapnia recta haplotype 12ar: H12 16S ribosomal	EU306875	81.76	100	5.50946e−32	Plecoptera	Capniidae	Allocapnia recta
Frisonia picticeps 16S ribosomal RNA gene, partial	EF623227	92.16	64.33	1.92299e−31	Plecoptera	Perlodidae	Frisonia picticeps
Rickera sorpta 16S ribosomal RNA gene, partial seq	EF623235	90.91	68.15	6.7119e−31	Plecoptera	Perlodidae	Rickera sorpta
Cultus pilatus 16S ribosomal RNA gene, partial seq	EF623212	81.13	100	6.7119e−31	Plecoptera	Perlodidae	Cultus pilatus
Neonemura sp. BYU_PL153 16S ribosomal RNA gene, pa	EF623204	81.65	100	6.7119e−31	Plecoptera	Notonemouridae	Neonemura sp. BYU_PL153
Megaleuctra kincaidi 16S ribosomal RNA gene, parti	EF623174	81.99	100	6.7119e−31	Plecoptera	Leuctridae	Megaleuctra kincaidi
Isoperla phalerata 16S ribosomal RNA gene, partial	EF623208	91.09	64.33	2.34268e−30	Plecoptera	Perlodidae	Isoperla phalerata
Leuctra tenuis haplotype 8It: HO8 16S ribosomal RN	EU327680	80.38	100	2.34268e−30	Plecoptera	Leuctridae	Leuctra tenuis
Leuctra tenuis haplotype 7It: HO7 16S ribosomal RN	EU327679	80.38	100	2.34268e−30	Plecoptera	Leuctridae	Leuctra tenuis
Cryptoperla ishigakiensis mitochondrial gene for 1	AB711242	89.62	67.52	8.17677e−30	Plecoptera	Peltoperlidae	Cryptoperla ishigakiensis
Perlodes dispar 16S ribosomal RNA gene, partial se	EF623220	91.18	64.33	8.17677e−30	Plecoptera	Perlodidae	Perlodes dispar
Kogotus nonus 16S ribosomal RNA gene, partial sequ	EF623213	90	68.15	8.17677e−30	Plecoptera	Perlodidae	Kogotus nonus
Despaxia augusta 16S ribosomal RNA gene, partial s	EF623177	79.62	100	8.17677e−30	Plecoptera	Leuctridae	Despaxia augusta
Cryptoperla sp. YK−2012−2 mitochondrial gene for 1	AB711244	90.1	64.33	2.85397e−29	Plecoptera	Peltoperlidae	Cryptoperla sp. YK−2012−2
Cryptoperla japonica mitochondrial gene for 16S rR	AB711189	90.1	64.33	2.85397e−29	Plecoptera	Peltoperlidae	Cryptoperla japonica
Dolichopoda geniculata geniculata isolate PRA20 16	AY507590	90.48	65.61	2.85397e−29	Orthoptera	Rhaphidophoridae	Dolichopoda geniculata geniculata
Scopura montana 16S ribosomal RNA gene, partial se	EF623265	81.48	100	2.85397e−29	Plecoptera	Scopura montana	Scopura montana
Pictetiella expansa 16S ribosomal RNA gene, partia	EF623216	89.62	67.52	2.85397e−29	Plecoptera	Perlodidae	Pictetiella expansa
Megarcys signata 16S ribosomal RNA gene, partial s	EF623215	80.38	100	2.85397e−29	Plecoptera	Perlodidae	Megarcys signata
Leuctra tenuis haplotype 10It: HO10 16S ribosomal	EU327682	79.75	100	2.85397e−29	Plecoptera	Leuctridae	Leuctra tenuis
Leuctra tenuis haplotype 9It: HO9 16S ribosomal RN	EU327681	79.75	100	2.85397e−29	Plecoptera	Leuctridae	Leuctra tenuis
Brachyanorpa carolinensis isolate 52Bcar 16S ribo	EF041526	80.5	100	2.85397e−29	Mecoptera	Panorpodidae	Brachyanorpa carolinensis
Leuctra tenuis haplotype 3It: H03 16S ribosomal RN	DQ915184	79.75	100	2.85397e−29	Plecoptera	Leuctridae	Leuctra tenuis
Leuctra tenuis haplotype 2It: H02 16S ribosomal RN	DQ915183	79.75	100	2.85397e−29	Plecoptera	Leuctridae	Leuctra tenuis
Dolichopoda naxia voucher ZEU 16S ribosomal RNA ge	EU887868	88.57	66.88	9.96134e−29	Orthoptera	Rhaphidophoridae	Dolichopoda naxia
Dolichopoda naxia voucher STA 16S ribosomal RNA ge	EU887867	88.57	66.88	9.96134e−29	Orthoptera	Rhaphidophoridae	Dolichopoda naxia
Dolichopoda sp. SKA 16S ribosomal RNA gene, partia	EF216964	88.57	66.88	9.96134e−29	Orthoptera	Rhaphidophoridae	Dolichopoda sp. SKA
Dolichopoda sp. EPT 16S ribosomal RNA gene, partia	EF216963	88.57	66.88	9.96134e−29	Orthoptera	Rhaphidophoridae	Dolichopoda sp. EPT
Doddsia occidentalis 16S ribosomal RNA gene, parti	EF623270	79.87	100	9.96134e−29	Plecoptera	Taeniopterygidae	Doddsia occidentalis
Oemopteryx vanduzeeae 16S ribosomal RNA gene, parti	EF623266	79.87	100	9.96134e−29	Plecoptera	Taeniopterygidae	Oemopteryx vanduzeeae
Austronemoura sp. BYU_PL149 16S ribosomal RNA gene	EF623200	90.2	64.33	9.96134e−29	Plecoptera	Notonemouridae	Austronemoura sp. BYU_PL149
Protonemura meyeri 16S ribosomal RNA gene, partial	EF623193	81.25	100	9.96134e−29	Plecoptera	Nemouridae	Protonemura meyeri
Cosmioperla australis 16S ribosomal RNA gene, part	EF623148	80.5	100	9.96134e−29	Plecoptera	Eustheniidae	Cosmioperla australis
Peltoperla arcuata 16S ribosomal RNA gene, partial	EF623258	89.9	63.06	3.47685e−28	Plecoptera	Peltoperlidae	Peltoperla arcuata
Skwala americana 16S ribosomal RNA gene, partial s	EF623217	79.75	100	3.47685e−28	Plecoptera	Perlodidae	Skwala americana
Thaumatoperla sp. BYU_PL109 16S ribosomal RNA gene	EF623149	79.75	100	3.47685e−28	Plecoptera	Eustheniidae	Thaumatoperla sp. BYU_PL109
Sweltsa coloradensis 16S ribosomal RNA gene, parti	EF623133	89.9	63.06	3.47685e−28	Plecoptera	Chloroperlidae	Sweltsa coloradensis
Dolichopoda sutini isolate Sut1 16S ribosomal RNA	KC783268	79.35	98.73	1.21354e−27	Orthoptera	Rhaphidophoridae	Dolichopoda sutini
Dolichopoda petrochilosi voucher JOA 16S ribosomal	EF216967	80	98.73	1.21354e−27	Orthoptera	Rhaphidophoridae	Dolichopoda petrochilosi
Salmoperla sylvanica 16S ribosomal RNA gene, parti	EF623222	79.87	100	1.21354e−27	Plecoptera	Perlodidae	Salmoperla sylvanica
Nanonemoura wahkeena 16S ribosomal RNA gene, parti	EF623198	79.87	100	1.21354e−27	Plecoptera	Nemouridae	Nanonemoura wahkeena
Neuroperla schedingi 16S ribosomal RNA gene, parti	EF623151	80	100	1.21354e−27	Plecoptera	Eustheniidae	Neuroperla schedingi
Kathroperla perdita 16S ribosomal RNA gene, partia	EF623135	79.87	100	1.21354e−27	Plecoptera	Chloroperlidae	Kathroperla perdita
Isocapnia hyalita 16S ribosomal RNA gene, partial	EF623131	79.87	100	1.21354e−27	Plecoptera	Capniidae	Isocapnia hyalita
Leuctra tenuis haplotype 6It: HO6 16S ribosomal RN	EU327678	79.11	100	1.21354e−27	Plecoptera	Leuctridae	Leuctra tenuis
Leuctra tenuis haplotype 4It: HO4 16S ribosomal RN	EU327676	79.11	100	1.21354e−27	Plecoptera	Leuctridae	Leuctra tenuis
Leuctra tenuis haplotype 1It: H01 16S ribosomal RN	DQ915182	79.11	100	1.21354e−27	Plecoptera	Leuctridae	Leuctra tenuis
Perlodes mortoni 16S ribosomal RNA gene, partial s	KF855870	89.22	64.33	4.23567e−27	Plecoptera	Perlodidae	Perlodes mortoni
Dolichopoda sutini isolate Ask1 16S ribosomal RNA	KC783269	87.62	66.88	4.23567e−27	Orthoptera	Rhaphidophoridae	Dolichopoda sutini
Yugus bulbosus 16S ribosomal RNA gene, partial seq	EF623214	80.12	100	4.23567e−27	Plecoptera	Perlodidae	Yugus bulbosus
Panorpodes coleii isolate 117Pcol 16S ribosomal RNA	EF041524	79.11	100	4.23567e−27	Mecoptera	Panorpodidae	Panorpodes coleii
Pteronarcys princeps mitochondrion, complete genom	AY687866	81.56	89.17	4.23567e−27	Plecoptera	Pteronarcyidae	Pteronarcys princeps
Parameletus columbiae 16S ribosomal RNA gene, part	AY749768	88.68	66.88	4.23567e−27	Ephemeroptera	Siphonuridae	Parameletus columbiae