

OTU\_545.csv

Acroneuria lycorias

Perlidae

Plecoptera

86.54



Acroneuria lycorias 16S ribosomal RNA gene, partia	EF623251	86.54	62.35	6.54393e-25	Plecoptera	Perlidae	Acroneuria lycorias
Hansonoperla appalachia 16S ribosomal RNA gene, pa	EF623249	86.41	62.35	7.97213e-24	Plecoptera	Perlidae	Hansonoperla appalachia
Megaleuctra kincaidi 16S ribosomal RNA gene, parti	EF623174	86.14	62.35	7.97213e-24	Plecoptera	Leuctridae	Megaleuctra kincaidi
Calineuria californica 16S ribosomal RNA gene, par	EF623239	86.14	62.35	9.71205e-23	Plecoptera	Perlidae	Calineuria californica
Dinocras cephalotes mitochondrion, complete genome	KF484757	84.91	62.35	3.38984e-22	Plecoptera	Perlidae	Dinocras cephalotes
Scopura montana 16S ribosomal RNA gene, partial se	EF623265	85.71	60.49	3.38984e-22	Plecoptera		Scopura montana
Pictetoperla sp. BYU_PL156 16S ribosomal RNA gene,	EF623247	85.15	62.35	3.38984e-22	Plecoptera	Perlidae	Pictetoperla sp. BYU_PL156
Dinocras cephalotes 16S ribosomal RNA gene, partia	EF623264	84.91	62.35	3.38984e-22	Plecoptera	Perlidae	Dinocras cephalotes
Notonemouridae sp. MD-2011 voucher ZMUC:JD-1507 16	EF623244	84.16	62.35	4.12967e-21	Plecoptera	Notonemouridae	Notonemouridae sp. MD-2011
Pteronarcys sachalina 16S ribosomal RNA gene, part	JN615257	84.16	62.35	4.12967e-21	Plecoptera	Pteronarcyidae	Pteronarcys sachalina
Nemoura cinerea 16S ribosomal RNA gene, partial se	EF623264	85.71	60.49	4.12967e-21	Plecoptera	Nemouridae	Nemoura cinerea
Apteroperla tikumana mitochondrion, complete genom	EF623194	84.16	62.35	4.12967e-21	Plecoptera	Capniidae	Apteroperla tikumana
Eccoptura xanthenes 16S ribosomal RNA gene, partiala	KR604721	84.69	60.49	1.4414e-20	Plecoptera	Perlidae	Eccoptura xanthenes
Agnetina capitata 16S ribosomal RNA gene, partial	EF623252	84.31	62.35	1.4414e-20	Plecoptera	Perlidae	Agnetina capitata
Perlinella drymo 16S ribosomal RNA gene, partial s	EF623241	84.69	60.49	1.4414e-20	Plecoptera	Perlidae	Perlinella drymo
Brachyptera seticornis 16S ribosomal RNA gene, par	EF623240	84.31	62.35	1.4414e-20	Plecoptera	Taeniopterygidae	Brachyptera seticornis
Cryptoperla japonica mitochondrial gene for 16S rR	EF623268	80.67	73.46	5.03097e-20	Plecoptera	Peltoperlidae	Cryptoperla japonica
Cryptoperla japonica mitochondrial gene for 16S rR	AB711183	84.69	60.49	1.75598e-19	Plecoptera	Peltoperlidae	Cryptoperla japonica
Dolichopoda pavesii voucher SPI 16S ribosomal RNA	AB711182	84.69	60.49	1.75598e-19	Plecoptera	Rhaphidophoridae	Dolichopoda pavesii
Doddsia occidentalis 16S ribosomal RNA gene, parti	EF216951	83.17	62.35	1.75598e-19	Orthoptera	Taeniopterygidae	Doddsia occidentalis
Protonemura meyeri 16S ribosomal RNA gene, partial	EF623270	83.17	62.35	1.75598e-19	Plecoptera	Nemouridae	Protonemura meyeri
Nemurella pictetii 16S ribosomal RNA gene, partial	EF623193	83.17	62.35	1.75598e-19	Plecoptera	Nemouridae	Nemurella pictetii
Prostoia besametsa 16S ribosomal RNA gene, partial	EF623192	83.67	60.49	1.75598e-19	Plecoptera	Nemouridae	Prostoia besametsa
Nemoura trispinosa 16S ribosomal RNA gene, partial	EF623188	83.17	62.35	1.75598e-19	Plecoptera	Nemouridae	Nemoura trispinosa
Paranemoura claasseni 16S ribosomal RNA gene, part	EF623187	83.17	62.35	1.75598e-19	Plecoptera	Nemouridae	Paranemoura claasseni
Shipsa rotunda 16S ribosomal RNA gene, partial seq	EF623185	83.17	62.35	1.75598e-19	Plecoptera	Nemouridae	Shipsa rotunda
Malenka californica 16S ribosomal RNA gene, partia	EF623184	83.17	62.35	1.75598e-19	Plecoptera	Nemouridae	Malenka californica
Osmylus sp. EH-2004 16S ribosomal RNA gene, partia	EF623182	83.67	60.49	1.75598e-19	Plecoptera	Osmyliidae	Osmylus sp. EH-2004
Allocapnia recta isolate H18 16S ribosomal RNA gen	AY620146	84.69	60.49	1.75598e-19	Neuroptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H17 16S ribosomal RNA gen	KC881053	82.18	62.35	2.13922e-18	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H12 16S ribosomal RNA gen	KC881052	82.18	62.35	2.13922e-18	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H9 16S ribosomal RNA gene	KC881047	82.18	62.35	2.13922e-18	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H8 16S ribosomal RNA gene	KC881044	82.18	62.35	2.13922e-18	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H5 16S ribosomal RNA gene	KC881043	82.18	62.35	2.13922e-18	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H4 16S ribosomal RNA gene	KC881040	82.18	62.35	2.13922e-18	Plecoptera	Capniidae	Allocapnia recta
Cryptoperla japonica mitochondrial gene for 16S rR	KC881039	82.18	62.35	2.13922e-18	Plecoptera	Capniidae	Allocapnia recta
Cryptoperla japonica mitochondrial gene for 16S rR	AB711202	83.67	60.49	2.13922e-18	Plecoptera	Peltoperlidae	Cryptoperla japonica
Pteronarcys scotti 16S ribosomal RNA gene, partial	AB711184	83.67	60.49	2.13922e-18	Plecoptera	Peltoperlidae	Cryptoperla japonica
Pteronarcys californica 16S ribosomal RNA gene, pa	EF623263	83.17	62.35	2.13922e-18	Plecoptera	Pteronarcyidae	Pteronarcys scotti
Lednia tumana 16S ribosomal RNA gene, partial sequ	EF623261	83.17	62.35	2.13922e-18	Plecoptera	Pteronarcyidae	Pteronarcys californica
Kathroperla perdita 16S ribosomal RNA gene, partia	EF623197	82.18	62.35	2.13922e-18	Plecoptera	Nemouridae	Lednia tumana
Allocapnia recta haplotype 10ar: H010 16S ribosoma	EF623135	82.18	62.35	2.13922e-18	Plecoptera	Chloroperlidae	Kathroperla perdita
Allocapnia recta haplotype 9ar: H09 16S ribosomal	EU306873	82.18	62.35	2.13922e-18	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta haplotype 8ar: H08 16S ribosomal	EU306872	82.18	62.35	2.13922e-18	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta haplotype 1ar: H01 16S ribosomal	EU306871	82.18	62.35	2.13922e-18	Plecoptera	Capniidae	Allocapnia recta
Pteronarcys princeps mitochondrion, complete genom	DQ915179	82.18	62.35	2.13922e-18	Plecoptera	Capniidae	Allocapnia recta
Mesocapnia arizonensis mitochondrion, partial geno	AY687866	83.17	62.35	2.13922e-18	Plecoptera	Pteronarcyidae	Pteronarcys princeps
Allocapnia recta isolate H19 16S ribosomal RNA gen	KP642637	82.65	60.49	7.46661e-18	Plecoptera	Capniidae	Mesocapnia arizonensis
Allocapnia recta isolate H16 16S ribosomal RNA gen	KC881054	82.65	60.49	7.46661e-18	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H15 16S ribosomal RNA gen	KC881051	82.65	60.49	7.46661e-18	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H14 16S ribosomal RNA gen	KC881050	82.65	60.49	7.46661e-18	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H13 16S ribosomal RNA gen	KC881049	82.65	60.49	7.46661e-18	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H11 16S ribosomal RNA gen	KC881048	82.65	60.49	7.46661e-18	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H10 16S ribosomal RNA gen	KC881046	82.65	60.49	7.46661e-18	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H7 16S ribosomal RNA gene	KC881045	82.65	60.49	7.46661e-18	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H6 16S ribosomal RNA gene	KC881042	82.65	60.49	7.46661e-18	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H3 16S ribosomal RNA gene	KC881041	82.65	60.49	7.46661e-18	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta isolate H1 16S ribosomal RNA gene	KC881038	82.65	60.49	7.46661e-18	Plecoptera	Capniidae	Allocapnia recta
Cryptoperla sp. YK-2012-2 mitochondrial gene for 1	KC881036	82.65	60.49	7.46661e-18	Plecoptera	Capniidae	Allocapnia recta
Dolichopoda sp. MR-2008 16S ribosomal RNA gene, pa	AB711244	83	60.49	7.46661e-18	Plecoptera	Peltoperlidae	Cryptoperla sp. YK-2012-2
Bolotoperla rossi 16S ribosomal RNA gene, partial	EU887863	82.65	60.49	7.46661e-18	Orthoptera	Rhaphidophoridae	Dolichopoda lustriae
Oemopteryx vanduzeeae 16S ribosomal RNA gene, parti	EF623269	82.65	60.49	7.46661e-18	Plecoptera	Taeniopterygidae	Bolotoperla rossi
Pteronarcella badia 16S ribosomal RNA gene, partia	EF623266	82.65	60.49	7.46661e-18	Plecoptera	Taeniopterygidae	Oemopteryx vanduzeeae
Udamocercia sp. BYU_PL150 16S ribosomal RNA gene,	EF623262	82.52	62.35	7.46661e-18	Plecoptera	Pteronarcyidae	Pteronarcella badia
Nanonemoura wahkeena 16S ribosomal RNA gene, parti	EF623201	82	61.73	7.46661e-18	Plecoptera	Notonemouridae	Udamocercia sp. BYU_PL150
Ostrocerca foersteri 16S ribosomal RNA gene, parti	EF623198	82.65	60.49	7.46661e-18	Plecoptera	Nemouridae	Nanonemoura wahkeena
Visoka cataractae 16S ribosomal RNA gene, partial	EF623191	82.65	60.49	7.46661e-18	Plecoptera	Nemouridae	Ostrocerca foersteri
Zapada cinctipes 16S ribosomal RNA gene, partial s	EF623189	82.65	60.49	7.46661e-18	Plecoptera	Nemouridae	Visoka cataractae
Allocapnia minima 16S ribosomal RNA gene, partial	EF623183	82.65	60.49	7.46661e-18	Plecoptera	Nemouridae	Zapada cinctipes
Mesocapnia sp. BYU_PL010 16S ribosomal RNA gene, p	EF623130	82.65	60.49	7.46661e-18	Plecoptera	Capniidae	Allocapnia minima
Allocapnia recta haplotype 12ar: H12 16S ribosomal	EF623127	82.65	60.49	7.46661e-18	Plecoptera	Capniidae	Mesocapnia sp. BYU_PL010
Allocapnia recta haplotype 11ar: H011 16S ribosoma	EU306875	82.65	60.49	7.46661e-18	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta haplotype 7ar: H07 16S ribosomal	EU306874	82.65	60.49	7.46661e-18	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta haplotype 3ar: H03 16S ribosomal	EU306870	82.65	60.49	7.46661e-18	Plecoptera	Capniidae	Allocapnia recta
Allocapnia recta haplotype 2ar: H02 16S ribosomal	DQ915181	82.65	60.49	7.46661e-18	Plecoptera	Capniidae	Allocapnia recta
Cryptoperla sp. YK-2012-1 mitochondrial gene for 1	DQ915180	82.65	60.49	7.46661e-18	Plecoptera	Capniidae	Allocapnia recta
Cryptoperla ishigakiensis mitochondrial gene for 1	AB711243	82.18	62.35	2.6061e-17	Plecoptera	Peltoperlidae	Cryptoperla sp. YK-2012-1
Dolichopoda geniculata geniculata isolate PRA20 16	AB711242	82.18	62.35	2.6061e-17	Plecoptera	Peltoperlidae	Cryptoperla ishigakiensis
Pholidoptera fallax voucher 185 16S ribosomal RNA	AY507590	84	60.49	2.6061e-17	Orthoptera	Rhaphidophoridae	Dolichopoda geniculata geniculata
Eupholidoptera chabrieri voucher 173 16S ribosomal	EU203873	82.65	60.49	2.6061e-17	Orthoptera	Tettigoniidae	Pholidoptera fallax
Grylloblatta sp. BYU_gb29.1 16S ribosomal RNA gene	EU120792	82.18	62.35	2.6061e-17	Orthoptera	Tettigoniidae	Eupholidoptera chabrieri
Macroxyela ferruginea 16S ribosomal RNA gene, part	DQ457261	83.33	59.26	2.6061e-17	Grylloblattodea	Grylloblattidae	Grylloblatta sp. BYU_gb29.1
Cryptoperla japonica mitochondrial gene for 16S rR	AY206773	82.65	60.49	2.6061e-17	Hymenoptera	Xyelidae	Macroxyela ferruginea
Micropathus tasmaniensis voucher JNC 16S ribosomal	AB711189	82.65	60.49	9.0962e-17	Plecoptera	Peltoperlidae	Cryptoperla japonica
Micropathus tasmaniensis voucher IDB 16S ribosomal	HM594507	82.35	62.35	9.0962e-17	Orthoptera	Rhaphidophoridae	Micropathus tasmaniensis
Dolichopoda steriotisi voucher ANT 16S ribosomal R	HM594505	82.35	62.35	9.0962e-17	Orthoptera	Rhaphidophoridae	Micropathus tasmaniensis
Strophopteryx appalachia 16S ribosomal RNA gene, p	EF216955	81.63	60.49	9.0962e-17	Orthoptera	Rhaphidophoridae	Dolichopoda steriotisi
Beloneuria stewarti 16S ribosomal RNA gene, partia	EF623271	81.19	62.35	9.0962e-17	Plecoptera	Taeniopterygidae	Strophopteryx appalachia
Kempnyella sp. BYU_PL155 16S ribosomal RNA gene, p	EF623248	80.58	63.58	9.0962e-17	Plecoptera	Perlidae	Beloneuria stewarti
Hesperoperla pacifica 16S ribosomal RNA gene, part	EF623246	82.35	62.35	9.0962e-17	Plecoptera	Perlidae	Kempnyella sp. BYU_PL155
Cosumnoperla hypocrena 16S ribosomal RNA gene, par	EF623238	81.63	60.49	9.0962e-17	Plecoptera	Perlidae	Hesperoperla pacifica
Moselia infuscata 16S ribosomal RNA gene, partial	EF623226	82.65	60.49	9.0962e-17	Plecoptera	Perlodidae	Cosumnoperla hypocrena
Galloisiana yuasai voucher BYU_gb12.1 16S ribosoma	EF623175	82.65	60.49	9.0962e-17	Plecoptera	Leuctridae	Moselia infuscata
Grylloblatta gurneyi voucher BYU_gb10.2 16S riboso	DQ457242	82.65	60.49	9.0962e-17	Grylloblattodea	Grylloblattidae	Galloisiana yuasai
Grylloblatta gurneyi voucher BYU_gb10.1 16S riboso	DQ457240	82.65	60.49	9.0962e-17	Grylloblattodea	Grylloblattidae	Grylloblatta gurneyi
Eupholidoptera uvarovi isolate KAS1 16S ribosomal	DQ457239	82.65	60.49	9.0962e-17	Grylloblattodea	Grylloblattidae	Grylloblatta gurneyi
Eupholidoptera smyrnensis isolate KOY1 16S ribosom	KC852312	81.19	62.35	3.17489e-16	Orthoptera	Tettigoniidae	Eupholidoptera uvarovi
Eupholidoptera megastyla isolate ALE1 16S ribosoma	KC852309	81.19	62.35	3.17489e-16	Orthoptera	Tettigoniidae	Eupholidoptera smyrnensis
Eupholidoptera hesperica isolate MAR3 16S ribosoma	KC852308	81.19	62.35	3.17489e-16	Orthoptera	Tettigoniidae	Eupholidoptera megastyla
Grylloblatta gurneyi voucher BYU_gb26.1 16S riboso	KC852304	81.19	62.35	3.17489e-16	Orthoptera	Tettigoniidae	Eupholidoptera hesperica
	DQ457259	81.63	60.49	3.17489e-16	Grylloblattodea	Grylloblattidae	Grylloblatta gurneyi