

OTU\_255;size=22911;.csv

Ephemera danica

Ephemeridae

Ephemeroptera

96.8



Ephemera danica voucher NO-EPH76 cytochrome oxidas	JX571926	96.8	100	2.42831e-96	Ephemeroptera	Ephemeridae	Ephemera danica
Ephemera danica mitochondrial partial COI gene for	LN734766	95.87	99.54	4.39048e-93	Ephemeroptera	Ephemeridae	Ephemera danica
Hexagenia orlando voucher FAMUBOLD0059 cytochrome	JQ662753	87.5	98.63	1.43652e-67	Ephemeroptera	Ephemeridae	Hexagenia orlando
Hexagenia limbata voucher 09LJ108 cytochrome oxida	GU713799	87.5	98.63	1.43652e-67	Ephemeroptera	Ephemeridae	Hexagenia limbata
Raptoheptagenia cruentata voucher BIOUG00644-H08 c	KR148934	87.98	94.98	6.10826e-66	Ephemeroptera	Heptageniidae	Raptoheptagenia cruentata
Raptoheptagenia cruentata voucher BIOUG00644-H09 c	KR141721	87.98	94.98	6.10826e-66	Ephemeroptera	Heptageniidae	Raptoheptagenia cruentata
Ephemera orientalis voucher EPH01 cytochrome oxida	KF257124	86.7	99.54	6.10826e-66	Ephemeroptera	Ephemeridae	Ephemera orientalis
Hexagenia limbata voucher FAMUBOLD0061 cytochrome	JQ662741	87.04	98.63	6.10826e-66	Ephemeroptera	Ephemeridae	Hexagenia limbata
Parisotoma notabilis cytochrome oxidase subunit I	JN970935	87.04	98.63	6.10826e-66		Isotomidae	Parisotoma notabilis
Ephemera sachalinensis isolate ES1 cytochrome oxid	HQ257229	86.7	99.54	6.10826e-66	Ephemeroptera	Ephemeridae	Ephemera sachalinensis
Hexagenia limbata voucher 09LJ105 cytochrome oxida	GU713800	87.04	98.63	6.10826e-66	Ephemeroptera	Ephemeridae	Hexagenia limbata
Ephemera orientalis mitochondrion, complete genome	EU591678	86.7	99.54	6.10826e-66	Ephemeroptera	Ephemeridae	Ephemera orientalis
Hexagenia bilineata voucher BIOUG<CAN>:BIOUG00640-	JQ662134	86.98	98.17	2.13199e-65	Ephemeroptera	Ephemeridae	Hexagenia bilineata
Hexagenia bilineata voucher BIOUG<CAN>:BIOUG00640-	JQ661897	86.98	98.17	2.13199e-65	Ephemeroptera	Ephemeridae	Hexagenia bilineata
Hexagenia bilineata voucher 08INHSE-0136 cytochrom	HQ568766	86.98	98.17	2.13199e-65	Ephemeroptera	Ephemeridae	Hexagenia bilineata
Hexagenia bilineata voucher ENT-OUBS-044 cytochrom	HM381300	86.98	98.17	2.13199e-65	Ephemeroptera	Ephemeridae	Hexagenia bilineata
Hexagenia bilineata voucher USA HBS_2007_000001 cy	EF467173	86.98	98.17	2.13199e-65	Ephemeroptera	Ephemeridae	Hexagenia bilineata
Hexagenia bilineata voucher 08INHSE-0129 cytochrom	HQ568760	86.51	98.17	2.5973e-64	Ephemeroptera	Ephemeridae	Hexagenia bilineata
Ephemera guttulata voucher BIOUG<CAN>:09LJGSM-042	HQ571197	86.24	99.54	2.5973e-64	Ephemeroptera	Ephemeridae	Ephemera guttulata
Ephemera guttulata voucher BIOUG02799-E12 cytochro	KR147508	85.78	99.54	3.16416e-63	Ephemeroptera	Ephemeridae	Ephemera guttulata
Ephemera guttulata voucher BIOUG02799-F01 cytochro	KR145777	85.78	99.54	3.16416e-63	Ephemeroptera	Ephemeridae	Ephemera guttulata
Ephemera varia voucher BIOUG<CAN>:09NBMAY-0087 cyt	JQ662613	85.78	99.54	3.16416e-63	Ephemeroptera	Ephemeridae	Ephemera varia
Ephemera varia voucher BIOUG<CAN>:08ONMAY-0149 cyt	JQ662508	85.78	99.54	3.16416e-63	Ephemeroptera	Ephemeridae	Ephemera varia
Neoephemera purpurea voucher 07GSM-5982 cytochrome	JQ662359	86.11	98.63	3.16416e-63	Ephemeroptera	Neoephemeridae	Neoephemera purpurea
Ephemera varia voucher BIOUG<CAN>:09NBMAY-0422 cyt	JQ662250	85.78	99.54	3.16416e-63	Ephemeroptera	Ephemeridae	Ephemera varia
Ephemera varia voucher BIOUG<CAN>:09NBMAY-0427 cyt	JQ661902	85.78	99.54	3.16416e-63	Ephemeroptera	Ephemeridae	Ephemera varia
Ephemera varia voucher BIOUG<CAN>:09NBMAY-0423 cyt	JQ661898	85.78	99.54	3.16416e-63	Ephemeroptera	Ephemeridae	Ephemera varia
Ephemera varia voucher BIOUG<CAN>:09NBMAY-0275 cyt	JQ661745	85.78	99.54	3.16416e-63	Ephemeroptera	Ephemeridae	Ephemera varia
Ephemera varia voucher BIOUG<CAN>:09NBMAY-0421 cyt	JQ661625	85.78	99.54	3.16416e-63	Ephemeroptera	Ephemeridae	Ephemera varia
Ephemera varia voucher 08-SWRC-1422 cytochrome oxi	JF286903	85.78	99.54	3.16416e-63	Ephemeroptera	Ephemeridae	Ephemera varia
Ephemera guttulata voucher BIOUG<CAN>:09LJGSM-041	HQ571196	85.78	99.54	3.16416e-63	Ephemeroptera	Ephemeridae	Ephemera guttulata
Ephemera sachalinensis isolate ES3 cytochrome oxid	HQ257231	85.78	99.54	3.16416e-63	Ephemeroptera	Ephemeridae	Ephemera sachalinensis
Ephemera orientalis isolate EO-M1 cytochrome oxida	HQ257225	85.78	99.54	3.16416e-63	Ephemeroptera	Ephemeridae	Ephemera orientalis
Ephemera orientalis isolate EO-J1 cytochrome oxida	HQ257223	85.78	99.54	3.16416e-63	Ephemeroptera	Ephemeridae	Ephemera orientalis
Ephemera simulans voucher BIOUG<CAN>:AY165685 cyto	AY165685	85.78	99.54	3.16416e-63	Ephemeroptera	Ephemeridae	Ephemera simulans
Neoephemera purpurea voucher 07GSM-5981 cytochrome	JQ661708	86.05	98.17	1.1044e-62	Ephemeroptera	Neoephemeridae	Neoephemera purpurea
Ephemera simulans voucher ROM:2010569 EMO003 cytoc	KJ675092	85.39	100	3.85473e-62	Ephemeroptera	Ephemeridae	Ephemera simulans
Leucrocuta maculipennis voucher BIOUG<CAN>:BIOUG00	JQ662381	86.6	95.43	3.85473e-62	Ephemeroptera	Heptageniidae	Leucrocuta maculipennis
Hexagenia limbata voucher BIOUG<CAN>:09CPMAY-083 c	HQ943462	85.65	98.63	3.85473e-62	Ephemeroptera	Ephemeridae	Hexagenia limbata
Ephemera simulans voucher BIOUG<CAN>:07PROBE-2246	GU115338	85.39	100	3.85473e-62	Ephemeroptera	Ephemeridae	Ephemera simulans
Ephemera simulans voucher BIOUG<CAN>:07PROBE-2011	GU115333	85.39	100	3.85473e-62	Ephemeroptera	Ephemeridae	Ephemera simulans
Ephemera simulans voucher BIOUG<CAN>:07PROBE-2020	GU115329	85.39	100	3.85473e-62	Ephemeroptera	Ephemeridae	Ephemera simulans
Ephemera simulans voucher BIOUG<CAN>:07PROBE-07044	GU115328	85.39	100	3.85473e-62	Ephemeroptera	Ephemeridae	Ephemera simulans
Ephemera simulans voucher BIOUG<CAN>:07PROBE-07038	GU115327	85.39	100	3.85473e-62	Ephemeroptera	Ephemeridae	Ephemera simulans
Ephemera simulans voucher BIOUG<CAN>:07PROBE-07040	GU115325	85.39	100	3.85473e-62	Ephemeroptera	Ephemeridae	Ephemera simulans
Leucrocuta maculipennis isolate SLB286 cytochrome	AY326900	86.6	95.43	3.85473e-62	Ephemeroptera	Heptageniidae	Leucrocuta maculipennis
Austrophlebioides marchanti voucher MDFRC_EP0025 c	KP697456	85.58	98.17	1.34543e-61	Ephemeroptera		Austrophlebioides marchanti
Hexagenia limbata voucher EPA0096 cytochrome oxida	JN200548	85.58	98.17	1.34543e-61	Ephemeroptera	Ephemeridae	Hexagenia limbata
Hexagenia rigida voucher BIOUG<CAN>:BIOUG00637-F09	JQ662942	85.58	98.17	1.34543e-61	Ephemeroptera	Ephemeridae	Hexagenia rigida
Hexagenia rigida voucher BIOUG<CAN>:BIOUG00637-F08	JQ662300	85.58	98.17	1.34543e-61	Ephemeroptera	Ephemeridae	Hexagenia rigida
Hexagenia rigida voucher BIOUG<CAN>:BIOUG00637-F06	JQ662204	85.58	98.17	1.34543e-61	Ephemeroptera	Ephemeridae	Hexagenia rigida
Hexagenia rigida voucher BIOUG<CAN>:08ONMAY-0121 c	JQ662129	85.58	98.17	1.34543e-61	Ephemeroptera	Ephemeridae	Hexagenia rigida
Neoephemera purpurea voucher 07GSM-5980 cytochrome	JQ661629	85.58	98.17	1.34543e-61	Ephemeroptera	Neoephemeridae	Neoephemera purpurea
Ephemera orientalis isolate EO-D1 cytochrome oxida	HQ257221	85.32	99.54	1.34543e-61	Ephemeroptera	Ephemeridae	Ephemera orientalis
Ephemera orientalis isolate EO-E1 cytochrome oxida	HQ257222	85.32	99.54	1.34543e-61	Ephemeroptera	Ephemeridae	Ephemera orientalis
Hexagenia cf. rigida SLB-2003 voucher BIOUG<CAN>:A	AY165699	85.58	98.17	1.34543e-61	Ephemeroptera	Ephemeridae	Hexagenia cf. rigida SLB-2003
Hexagenia rigida isolate SLB43 cytochrome oxidase	AY326817	85.58	98.17	1.34543e-61	Ephemeroptera	Ephemeridae	Hexagenia rigida
Leucrocuta maculipennis voucher BIOUG<CAN>:BIOUG00	JQ662689	86.12	95.43	4.69602e-61	Ephemeroptera	Heptageniidae	Leucrocuta maculipennis
Ephemera simulans voucher BIOUG<CAN>:08ONMAY-0055	JQ662046	84.93	100	4.69602e-61	Ephemeroptera	Ephemeridae	Ephemera simulans
Ephemera simulans voucher BIOUG<CAN>:08ONMAY-0057	JQ661983	84.93	100	4.69602e-61	Ephemeroptera	Ephemeridae	Ephemera simulans
Ametropus neavei voucher BIOUG<CAN>:SWA_iBOL_UofS_	JQ661844	84.93	100	4.69602e-61	Ephemeroptera	Ametropodidae	Ametropus neavei
Leucrocuta maculipennis voucher BIOUG<CAN>:BIOUG00	JQ661665	86.12	95.43	4.69602e-61	Ephemeroptera	Heptageniidae	Leucrocuta maculipennis
Ephemera simulans voucher BIOUG<CAN>:09NBMAY-0056	JQ661620	84.93	100	4.69602e-61	Ephemeroptera	Ephemeridae	Ephemera simulans
Ametropus neavei voucher BIOUG<CAN>:SWA_iBOL_UofS_	JQ661546	84.93	100	4.69602e-61	Ephemeroptera	Ametropodidae	Ametropus neavei
Ephemera sp. AMI 1 voucher 4506510178 cytochrome o	HQ150706	84.86	99.54	4.69602e-61	Ephemeroptera	Ephemeridae	Ephemera sp. AMI 1
Ephemera simulans voucher BIOUG<CAN>:07PROBE-2243	GU115344	84.93	100	4.69602e-61	Ephemeroptera	Ephemeridae	Ephemera simulans
Ephemera simulans voucher BIOUG<CAN>:07PROBE-07042	GU115341	84.93	100	4.69602e-61	Ephemeroptera	Ephemeridae	Ephemera simulans
Euthyplocia sp. gmycM2 haplotype HapM73 cytochrome	KR134676	84.86	99.54	1.63907e-60	Ephemeroptera	Euthyplociidae	Euthyplocia sp. gmycM2
Pterostichus melas voucher GBOL_Col_FK_4575 cytoch	KM442537	85.19	98.63	1.63907e-60	Coleoptera	Carabidae	Pterostichus melas
Ephemera orientalis isolate KOR-E1 cytochrome oxid	KC569548	84.86	99.54	1.63907e-60	Ephemeroptera	Ephemeridae	Ephemera orientalis
Kageronia fuscogrisea voucher NO-EPH98 cytochrome	KC158564	85.19	98.63	1.63907e-60	Ephemeroptera	Heptageniidae	Kageronia fuscogrisea
Ephemera blanda voucher BIOUG<CAN>:09LJGSM-067 cyt	HQ571216	84.86	99.54	1.63907e-60	Ephemeroptera	Ephemeridae	Ephemera blanda
Ephemera blanda voucher BIOUG<CAN>:09LJGSM-065 cyt	HQ571214	84.86	99.54	1.63907e-60	Ephemeroptera	Ephemeridae	Ephemera blanda
Ephemera blanda voucher BIOUG<CAN>:09LJGSM-063 cyt	HQ571212	84.86	99.54	1.63907e-60	Ephemeroptera	Ephemeridae	Ephemera blanda
Ephemera blanda voucher BIOUG<CAN>:09LJGSM-062 cyt	HQ571211	84.86	99.54	1.63907e-60	Ephemeroptera	Ephemeridae	Ephemera blanda
Ephemera orientalis isolate EO-C1 cytochrome oxida	HQ257220	84.86	99.54	1.63907e-60	Ephemeroptera	Ephemeridae	Ephemera orientalis
Austrophlebioides marchanti voucher MDFRC_EP0028 c	KP697628	85.12	98.17	5.72093e-60	Ephemeroptera		Austrophlebioides marchanti
Rachispoda atra voucher BIOUG06291-C12 cytochrome	KM959653	85.12	98.17	5.72093e-60	Diptera	Sphaeroceridae	Rachispoda atra
Rachispoda atra voucher BIOUG06228-B11 cytochrome	KM958994	85.12	98.17	5.72093e-60	Diptera	Sphaeroceridae	Rachispoda atra
Thaumalea subafricana isolate B from Spain cytochr	KT215937	85.12	98.17	5.72093e-60	Diptera	Thaumaleidae	Thaumalea subafricana
Thaumalea subafricana isolate A from Spain cytochr	KT215936	85.12	98.17	5.72093e-60	Diptera	Thaumaleidae	Thaumalea subafricana
Rachispoda atra voucher BIOUG08794-A02 cytochrome	KM910559	85.12	98.17	5.72093e-60	Diptera	Sphaeroceridae	Rachispoda atra
Rachispoda atra voucher BIOUG08886-F10 cytochrome	KM920800	85.12	98.17	5.72093e-60	Diptera	Sphaeroceridae	Rachispoda atra
Pterostichus fasciatopunctatus voucher GBOL_Col_FK	KM452236	85.12	98.17	5.72093e-60	Coleoptera	Carabidae	Pterostichus fasciatopunctatus
Pterostichus fasciatopunctatus voucher GBOL_Col_FK	KM448571	85.12	98.17	5.72093e-60	Coleoptera	Carabidae	Pterostichus fasciatopunctatus
Pterostichus fasciatopunctatus voucher GBOL_Col_FK	KM447105	85.12	98.17	5.72093e-60	Coleoptera	Carabidae	Pterostichus fasciatopunctatus
Pterostichus fasciatopunctatus voucher GBOL01869 c	KM440090	85.12	98.17	5.72093e-60	Coleoptera	Carabidae	Pterostichus fasciatopunctatus
Kageronia fuscogrisea voucher NO-EPH57 cytochrome	JN299122	85.12	98.17	5.72093e-60	Ephemeroptera	Heptageniidae	Kageronia fuscogrisea
Kageronia fuscogrisea voucher NO-EPH99 cytochrome	KC158563	85.12	98.17	5.72093e-60	Ephemeroptera	Heptageniidae	Kageronia fuscogrisea
Pterostichus fasciatopunctatus voucher hs907 cytoc	JX535633	85.12	98.17	5.72093e-60	Coleoptera	Carabidae	Pterostichus fasciatopunctatus
Hexagenia rigida voucher BIOUG<CAN>:BIOUG00637-F07	JQ663127	85.12	98.17	5.72093e-60	Ephemeroptera	Ephemeridae	Hexagenia rigida
Cinygmula subaequalis voucher 9313360150 cytochrom	HQ151558	85.71	95.89	5.72093e-60	Ephemeroptera	Heptageniidae	Cinygmula subaequalis
Ephemera simulans voucher gseptV2 cytochrome oxida	KR919273	84.47	100	1.9968e-59	Ephemeroptera	Ephemeridae	Ephemera simulans
Hybotidae sp. BOLD:AAF9862 voucher BIOUG11498-E01	KR396282	85.31	96.35	1.9968e-59	Diptera	Hybotidae	Hybotidae sp. BOLD:AAF9862
Hybotidae sp. BOLD:AAF9862 voucher BIOUG11499-H06	KR382467	85.31	96.35	1.9968e-59	Diptera	Hybotidae	Hybotidae sp. BOLD:AAF9862
Hybotidae sp. BOLD:AAF9862 voucher BIOUG11495-E07	KR399217	85.31	96.35	1.9968e-59	Diptera	Hybotidae	Hybotidae sp. BOLD:AAF9862
Hybotidae sp. BOLD:AAF9862 voucher BIOUG10231-A03	KR392173	85.31	96.35	1.9968e-59	Diptera	Hybotidae	Hybotidae sp. BOLD:AAF9862
Cinygmula sp. JMW3 voucher ROM:2011253 EOM016 cyto	KJ675257	85.92	94.06	1.9968e-59	Ephemeroptera	Heptageniidae	Cinygmula sp. JMW3
Hydroporus sabaudus sierranevadensis mitochondrial	HG915299	85.05	97.72	1.9968e-59	Coleoptera	Dytiscidae	Hydroporus sabaudus sierranevadensis
Ephemera simulans voucher BIOUG<CAN>:08ONMAY-0058	JQ663113	84.47	100	1.9968e-59	Ephemeroptera	Ephemeridae	Ephemera simulans