

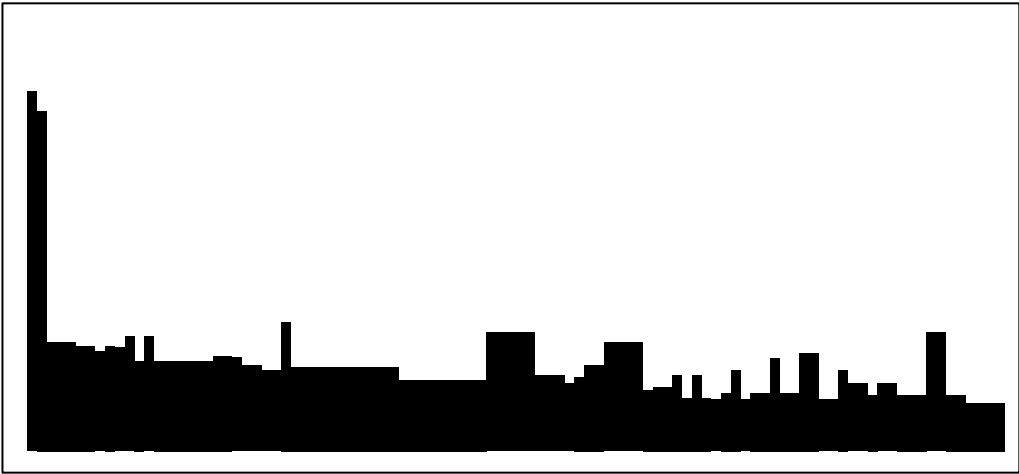
OTU\_2966;size=34;.csv

Ephemera danica

Ephemeridae

Ephemeroptera

96.86



Ephemera danica voucher NO-EPH76 cytochrome oxidas	JX571926	96.86	100	1.37261e-99	Ephemeroptera	Ephemeridae	Ephemera danica
Ephemera danica mitochondrial partial COI gene for	LN734766	95.95	99.55	2.48173e-96	Ephemeroptera	Ephemeridae	Ephemera danica
Ephemera orientalis voucher EPH01 cytochrome oxida	KF257124	85.14	99.55	9.2649e-64	Ephemeroptera	Ephemeridae	Ephemera orientalis
Ephemera sachalinensis isolate ES1 cytochrome oxid	HQ257229	85.14	99.55	9.2649e-64	Ephemeroptera	Ephemeridae	Ephemera sachalinensis
Ephemera orientalis mitochondrion, complete genome	EU591678	85.14	99.55	9.2649e-64	Ephemeroptera	Ephemeridae	Ephemera orientalis
Hexagenia limbata voucher FAMUBOLD0061 cytochrome	JQ662741	84.93	98.21	3.93954e-62	Ephemeroptera	Ephemeridae	Hexagenia limbata
Parisotoma notabilis cytochrome oxidase subunit I	JN970935	84.93	98.21	3.93954e-62	Isotomidae	Parisotoma notabilis	Parisotoma notabilis
Ephemera guttulata voucher BIOUG<CAN>:09LJGSM-042	HQ571197	84.68	99.55	3.93954e-62	Ephemeroptera	Ephemeridae	Ephemera guttulata
Hexagenia limbata voucher 09LJ105 cytochrome oxida	GU713800	84.93	98.21	3.93954e-62	Ephemeroptera	Ephemeridae	Hexagenia limbata
Hexagenia bilineata voucher ENT-OUBS-044 cytochrom	HM381300	84.86	97.76	1.37503e-61	Ephemeroptera	Ephemeridae	Hexagenia bilineata
Raptoheptagenia cruentata voucher BIOUG00644-H08 c	KR148934	85.38	95.07	4.79934e-61	Ephemeroptera	Heptageniidae	Raptoheptagenia cruentata
Ephemera guttulata voucher BIOUG02799-E12 cytochro	KR147508	84.23	99.55	4.79934e-61	Ephemeroptera	Ephemeridae	Ephemera guttulata
Raptoheptagenia cruentata voucher BIOUG00644-H09 c	KR141721	85.38	95.07	4.79934e-61	Ephemeroptera	Heptageniidae	Raptoheptagenia cruentata
Ephemera guttulata voucher BIOUG02799-F01 cytochro	KR145777	84.23	99.55	4.79934e-61	Ephemeroptera	Ephemeridae	Ephemera guttulata
Ephemera guttulata voucher BIOUG<CAN>:09LJGSM-041	HQ571196	84.23	99.55	4.79934e-61	Ephemeroptera	Ephemeridae	Ephemera guttulata
Ephemera sachalinensis isolate ES3 cytochrome oxid	HQ257231	84.23	99.55	4.79934e-61	Ephemeroptera	Ephemeridae	Ephemera sachalinensis
Ephemera orientalis isolate EO-M1 cytochrome oxida	HQ257225	84.23	99.55	4.79934e-61	Ephemeroptera	Ephemeridae	Ephemera orientalis
Ephemera orientalis isolate EO-J1 cytochrome oxida	HQ257223	84.23	99.55	4.79934e-61	Ephemeroptera	Ephemeridae	Ephemera orientalis
Ephemera simulans voucher BIOUG<CAN>:AY165685 cyto	AY165685	84.23	99.55	4.79934e-61	Ephemeroptera	Ephemeridae	Ephemera simulans
Hexagenia orlando voucher FAMUBOLD0059 cytochrome	JQ662753	84.47	98.21	1.67513e-60	Ephemeroptera	Ephemeridae	Hexagenia orlando
Hexagenia limbata voucher 09LJ108 cytochrome oxida	GU713799	84.47	98.21	1.67513e-60	Ephemeroptera	Ephemeridae	Hexagenia limbata
Hexagenia bilineata voucher 08INHSE-0129 cytochrom	HQ568760	84.4	97.76	5.84679e-60	Ephemeroptera	Ephemeridae	Hexagenia bilineata
Neoephemera purpurea voucher 07GSM-5982 cytochrome	JQ662359	84.02	98.21	2.04073e-59	Ephemeroptera	Neoephemeridae	Neoephemera purpurea
Neoephemera purpurea voucher 07GSM-5981 cytochrome	JQ661708	84.02	98.21	2.04073e-59	Ephemeroptera	Neoephemeridae	Neoephemera purpurea
Ephemera orientalis isolate EO-D1 cytochrome oxida	HQ257221	83.78	99.55	2.04073e-59	Ephemeroptera	Ephemeridae	Ephemera orientalis
Ephemera orientalis isolate EO-E1 cytochrome oxida	HQ257222	83.78	99.55	2.04073e-59	Ephemeroptera	Ephemeridae	Ephemera orientalis
Tipulidae sp. BOLD:ABA8856 voucher BIOUG07636-B12	KP048131	86.07	90.13	7.12285e-59	Diptera	Tipulidae	Tipulidae sp. BOLD:ABA8856
Hexagenia limbata voucher EPA0096 cytochrome oxida	JN200548	83.94	97.76	7.12285e-59	Ephemeroptera	Ephemeridae	Hexagenia limbata
Hexagenia rigida voucher BIOUG<CAN>:BIOUG00637-F09	JQ662942	83.94	97.76	7.12285e-59	Ephemeroptera	Ephemeridae	Hexagenia rigida
Hexagenia rigida voucher BIOUG<CAN>:BIOUG00637-F08	JQ662300	83.94	97.76	7.12285e-59	Ephemeroptera	Ephemeridae	Hexagenia rigida
Hexagenia rigida voucher BIOUG<CAN>:BIOUG00637-F06	JQ662204	83.94	97.76	7.12285e-59	Ephemeroptera	Ephemeridae	Hexagenia rigida
Hexagenia bilineata voucher BIOUG<CAN>:BIOUG00640-	JQ662134	83.94	97.76	7.12285e-59	Ephemeroptera	Ephemeridae	Hexagenia bilineata
Hexagenia rigida voucher BIOUG<CAN>:08ONMAY-0121 c	JQ662129	83.94	97.76	7.12285e-59	Ephemeroptera	Ephemeridae	Hexagenia rigida
Hexagenia bilineata voucher BIOUG<CAN>:BIOUG00640-	JQ661897	83.94	97.76	7.12285e-59	Ephemeroptera	Ephemeridae	Hexagenia bilineata
Hexagenia bilineata voucher 08INHSE-0136 cytochrom	HQ568766	83.94	97.76	7.12285e-59	Ephemeroptera	Ephemeridae	Hexagenia bilineata
Hexagenia bilineata voucher USA HBS_2007_000001 cy	EF467173	83.94	97.76	7.12285e-59	Ephemeroptera	Ephemeridae	Hexagenia bilineata
Hexagenia cf. rigida SLB-2003 voucher BIOUG<CAN>:A	AY165699	83.94	97.76	7.12285e-59	Ephemeroptera	Ephemeridae	Hexagenia cf. rigida SLB-2003
Hexagenia rigida isolate SLB43 cytochrome oxidase	AY326817	83.94	97.76	7.12285e-59	Ephemeroptera	Ephemeridae	Hexagenia rigida
Ephemera orientalis isolate KOR-E1 cytochrome oxid	KC569548	83.33	99.55	2.48612e-58	Ephemeroptera	Ephemeridae	Ephemera orientalis
Ephemera varia voucher BIOUG<CAN>:09NBMA-0087 cyt	JQ662613	83.33	99.55	2.48612e-58	Ephemeroptera	Ephemeridae	Ephemera varia
Ephemera varia voucher BIOUG<CAN>:08ONMAY-0149 cyt	JQ662508	83.33	99.55	2.48612e-58	Ephemeroptera	Ephemeridae	Ephemera varia
Ephemera varia voucher BIOUG<CAN>:09NBMA-0422 cyt	JQ662250	83.33	99.55	2.48612e-58	Ephemeroptera	Ephemeridae	Ephemera varia
Ephemera varia voucher BIOUG<CAN>:09NBMA-0427 cyt	JQ661902	83.33	99.55	2.48612e-58	Ephemeroptera	Ephemeridae	Ephemera varia
Ephemera varia voucher BIOUG<CAN>:09NBMA-0423 cyt	JQ661898	83.33	99.55	2.48612e-58	Ephemeroptera	Ephemeridae	Ephemera varia
Ephemera varia voucher BIOUG<CAN>:09NBMA-0275 cyt	JQ661745	83.33	99.55	2.48612e-58	Ephemeroptera	Ephemeridae	Ephemera varia
Ephemera varia voucher BIOUG<CAN>:09NBMA-0421 cyt	JQ661625	83.33	99.55	2.48612e-58	Ephemeroptera	Ephemeridae	Ephemera varia
Ephemera varia voucher 08-SWRC-1422 cytochrome oxi	JF286903	83.33	99.55	2.48612e-58	Ephemeroptera	Ephemeridae	Ephemera varia
Tipulidae sp. BOLD:ABA8856 voucher BIOUG13205-H01	KR396931	85.57	90.13	8.67741e-58	Diptera	Tipulidae	Tipulidae sp. BOLD:ABA8856
Tipulidae sp. BOLD:ABA8856 voucher BIOUG11044-F12	KR392218	85.57	90.13	8.67741e-58	Diptera	Tipulidae	Tipulidae sp. BOLD:ABA8856
Tipulidae sp. BOLD:ABA8856 voucher BIOUG11347-F04	KR388200	85.57	90.13	8.67741e-58	Diptera	Tipulidae	Tipulidae sp. BOLD:ABA8856
Tipulidae sp. BOLD:ABA8856 voucher BIOUG11044-F10	KR387133	85.57	90.13	8.67741e-58	Diptera	Tipulidae	Tipulidae sp. BOLD:ABA8856
Ctenophora dorsalis voucher 08BBDIP-0372 cytochrom	KM571460	85.57	90.13	8.67741e-58	Diptera	Tipulidae	Ctenophora dorsalis
Cercobrachys cree voucher BIOUG<CAN>:SWA_iBOL_UofS	JQ662593	83.56	98.21	8.67741e-58	Ephemeroptera	Caenidae	Cercobrachys cree
Neoephemera purpurea voucher 07GSM-5980 cytochrome	JQ661629	83.56	98.21	8.67741e-58	Ephemeroptera	Neoephemeridae	Neoephemera purpurea
Hexagenia limbata voucher BIOUG<CAN>:09CPMA-083 c	HQ943462	83.56	98.21	8.67741e-58	Ephemeroptera	Ephemeridae	Hexagenia limbata
Anopheles lepidotus voucher 51917879 cytochrome ox	JQ041282	83.18	98.65	3.02871e-57	Diptera	Culicidae	Anopheles lepidotus
Hexagenia rigida voucher BIOUG<CAN>:BIOUG00637-F07	JQ663127	83.49	97.76	3.02871e-57	Ephemeroptera	Ephemeridae	Hexagenia rigida
Leucrocuta maculipennis voucher BIOUG<CAN>:BIOUG00	JQ662381	84.04	95.52	3.02871e-57	Ephemeroptera	Heptageniidae	Leucrocuta maculipennis
Leucrocuta maculipennis isolate SLB286 cytochrome	AY326900	84.04	95.52	3.02871e-57	Ephemeroptera	Heptageniidae	Leucrocuta maculipennis
Ephemera blanda voucher BIOUG<CAN>:09LJGSM-067 cyt	HQ571216	85.1	91.93	1.05712e-56	Ephemeroptera	Ephemeridae	Ephemera blanda
Ephemera blanda voucher BIOUG<CAN>:09LJGSM-065 cyt	HQ571214	85.1	91.93	1.05712e-56	Ephemeroptera	Ephemeridae	Ephemera blanda
Ephemera blanda voucher BIOUG<CAN>:09LJGSM-063 cyt	HQ571212	85.1	91.93	1.05712e-56	Ephemeroptera	Ephemeridae	Ephemera blanda
Ephemera blanda voucher BIOUG<CAN>:09LJGSM-062 cyt	HQ571211	85.1	91.93	1.05712e-56	Ephemeroptera	Ephemeridae	Ephemera blanda
Ephemera orientalis isolate EO-C1 cytochrome oxida	HQ257220	82.88	99.55	1.05712e-56	Ephemeroptera	Ephemeridae	Ephemera orientalis
Thaumalea subafricana isolate B from Spain cytochr	KT215937	83.03	97.76	3.68973e-56	Diptera	Thaumaleidae	Thaumalea subafricana
Thaumalea subafricana isolate A from Spain cytochr	KT215936	83.03	97.76	3.68973e-56	Diptera	Thaumaleidae	Thaumalea subafricana
Leucrocuta maculipennis voucher BIOUG<CAN>:BIOUG00	JQ662689	83.57	95.52	3.68973e-56	Ephemeroptera	Heptageniidae	Leucrocuta maculipennis
Ametropus neavei voucher BIOUG<CAN>:SWA_iBOL_UofS_	JQ661844	82.51	100	3.68973e-56	Ephemeroptera	Ametropodidae	Ametropus neavei
Leucrocuta maculipennis voucher BIOUG<CAN>:BIOUG00	JQ661665	83.57	95.52	3.68973e-56	Ephemeroptera	Heptageniidae	Leucrocuta maculipennis
Ametropus neavei voucher BIOUG<CAN>:SWA_iBOL_UofS_	JQ661546	82.51	100	3.68973e-56	Ephemeroptera	Ametropodidae	Ametropus neavei
Ephemera sp. AMI 1 voucher 4506510178 cytochrome o	HQ150706	82.43	99.55	3.68973e-56	Ephemeroptera	Ephemeridae	Ephemera sp. AMI 1
Austrophlebioides marchanti voucher MDFRC_EP0028 c	KP697628	82.73	98.65	1.28784e-55	Ephemeroptera	Austrophlebioides marchanti	Austrophlebioides marchanti
Austrophlebioides marchanti voucher MDFRC_EP0025 c	KP697456	83.81	94.17	1.28784e-55	Ephemeroptera	Austrophlebioides marchanti	Austrophlebioides marchanti
Drosophilidae sp. BOLD:AAG8504 voucher BIOUG06237-	KM903747	82.43	99.55	1.28784e-55	Diptera	Drosophilidae	Drosophilidae sp. BOLD:AAG8504
Choerades sp. USNM ENT 00914491 cytochrome oxidase	KT733465	82.73	98.65	1.28784e-55	Diptera	Asilidae	Choerades sp. USNM ENT 00914491
Endopterygota sp. NZAC 03009123 cytochrome oxidase	KP422319	82.73	98.65	1.28784e-55	Diptera	Endopterygota sp. NZAC 03009123	Endopterygota sp. NZAC 03009123
Anopthalmus sp. AF-2013 mitochondrial partial COI	HG514696	84.39	91.93	1.28784e-55	Coleoptera	Anopthalmus sp. AF-2013	Anopthalmus sp. AF-2013
Anopheles lepidotus voucher 51917611 cytochrome ox	JQ041286	82.73	98.65	1.28784e-55	Diptera	Culicidae	Anopheles lepidotus
Anopheles lepidotus voucher EC151-5 cytochrome oxi	JQ041283	82.73	98.65	1.28784e-55	Diptera	Culicidae	Anopheles lepidotus
Ephemera blanda voucher BIOUG<CAN>:09LJGSM-066 cyt	HQ571215	84.62	91.93	1.28784e-55	Ephemeroptera	Ephemeridae	Ephemera blanda
Ephemera blanda voucher BIOUG<CAN>:09LJGSM-064 cyt	HQ571213	84.62	91.93	1.28784e-55	Ephemeroptera	Ephemeridae	Ephemera blanda
Ephemera orientalis isolate EO-Y1 cytochrome oxida	HQ257227	82.43	99.55	1.28784e-55	Ephemeroptera	Ephemeridae	Ephemera orientalis
Ephemera orientalis isolate EO-S1 cytochrome oxida	HQ257226	82.43	99.55	1.28784e-55	Ephemeroptera	Ephemeridae	Ephemera orientalis
Cinygmula spJMW3 voucher BIOUG<CAN>:08ABMA-0039 c	HM372922	83.81	94.17	1.28784e-55	Ephemeroptera	Heptageniidae	Cinygmula spJMW3
Hybotidae sp. BOLD:AAF9862 voucher BIOUG11498-E01	KR396282	83.18	95.96	4.49501e-55	Diptera	Hybotidae	Hybotidae sp. BOLD:AAF9862
Hybotidae sp. BOLD:AAF9862 voucher BIOUG11499-H06	KR382467	83.18	95.96	4.49501e-55	Diptera	Hybotidae	Hybotidae sp. BOLD:AAF9862
Sphaeroceridae sp. BOLD:AAG7302 voucher BIOUG12364	KR382082	82.65	98.21	4.49501e-55	Diptera	Sphaeroceridae	Sphaeroceridae sp. BOLD:AAG7302
Hybotidae sp. BOLD:AAF9862 voucher BIOUG11495-E07	KR399217	83.18	95.96	4.49501e-55	Diptera	Hybotidae	Hybotidae sp. BOLD:AAF9862
Hybotidae sp. BOLD:AAF9862 voucher BIOUG10231-A03	KR392173	83.18	95.96	4.49501e-55	Diptera	Hybotidae	Hybotidae sp. BOLD:AAF9862
Sphaeroceridae sp. BOLD:AAG7302 voucher BIOUG06561	KM945498	82.65	98.21	4.49501e-55	Diptera	Sphaeroceridae	Sphaeroceridae sp. BOLD:AAG7302
Pterostichus melas voucher GBOL_Col_FK_4575 cytoch	KM442537	82.65	98.21	4.49501e-55	Coleoptera	Carabidae	Pterostichus melas
Anopheles lepidotus voucher CCDB-10764-A9 cytochro	KF670991	82.65	98.21	4.49501e-55	Diptera	Culicidae	Anopheles lepidotus
Tipula cinereocincta voucher JES-20120024 cytochro	JQ912033	85.57	87	4.49501e-55	Diptera	Tipulidae	Tipula cinereocincta
Tipula cinereocincta voucher JES-20110456 cytochro	JQ912032	85.57	87	4.49501e-55	Diptera	Tipulidae	Tipula cinereocincta
Cercobrachys cree voucher BIOUG<CAN>:SWA_iBOL_UofS	JQ661558	82.65	98.21	4.49501e-55	Ephemeroptera	Caenidae	Cercobrachys cree
Procladius paludicola voucher Pr186 cytochrome oxi	HQ248008	82.65	98.21	4.49501e-55	Diptera	Chironomidae	Procladius paludicola
Drosophilidae sp. BOLD:AAG8504 voucher BIOUG06315-	KM969701	82.27	98.65	1.56891e-54	Diptera	Drosophilidae	Drosophilidae sp. BOLD:AAG8504
Drosophilidae sp. BOLD:AAG8504 voucher BIOUG05964-	KM949135	82.27	98.65	1.56891e-54	Diptera	Drosophilidae	Drosophilidae sp. BOLD:AAG8504
Drosophilidae sp. BOLD:AAG8504 voucher BIOUG06237-	KM905281	82.27	98.65	1.56891e-54	Diptera	Drosophilidae	Drosophilidae sp. BOLD:AAG8504
Drosophilidae sp. BOLD:AAG8504 voucher BIOUG06315-	KM963303	82.27	98.65	1.56891e-54	Diptera	Drosophilidae	Drosophilidae sp. BOLD:AAG8504