

OTU\_2108;size=167;.csv

Ephemera danica

Ephemeridae

Ephemeroptera

97.69



Ephemera danica voucher NO-EPH76 cytochrome oxidas	JX571926	97.69	98.62	1.97177e-97	Ephemeroptera	Ephemeridae	Ephemera danica
Ephemera danica mitochondrial partial COI gene for	LN734766	96.74	98.16	3.56504e-94	Ephemeroptera	Ephemeridae	Ephemera danica
Raptoheptagenia cruentata voucher BIOUG00644-H08 c	KR148934	88.89	99.54	1.84837e-72	Ephemeroptera	Heptageniidae	Raptoheptagenia cruentata
Raptoheptagenia cruentata voucher BIOUG00644-H09 c	KR141721	88.89	99.54	1.84837e-72	Ephemeroptera	Heptageniidae	Raptoheptagenia cruentata
Tipulidae sp. BOLD:ABA8856 voucher BIOUG07636-B12	KP048131	87.79	98.16	4.0713e-68	Diptera	Tipulidae	Tipulidae sp. BOLD:ABA8856
Tipulidae sp. BOLD:ABA8856 voucher BIOUG13205-H01	KR396931	87.32	98.16	1.73116e-66	Diptera	Tipulidae	Tipulidae sp. BOLD:ABA8856
Tipulidae sp. BOLD:ABA8856 voucher BIOUG11044-F12	KR392218	87.32	98.16	1.73116e-66	Diptera	Tipulidae	Tipulidae sp. BOLD:ABA8856
Tipulidae sp. BOLD:ABA8856 voucher BIOUG11347-F04	KR388200	87.32	98.16	1.73116e-66	Diptera	Tipulidae	Tipulidae sp. BOLD:ABA8856
Tipulidae sp. BOLD:ABA8856 voucher BIOUG11044-F10	KR387133	87.32	98.16	1.73116e-66	Diptera	Tipulidae	Tipulidae sp. BOLD:ABA8856
Ctenophora dorsalis voucher 08BBDIP-0372 cytochrom	KM571460	87.32	98.16	1.73116e-66	Diptera	Tipulidae	Ctenophora dorsalis
Ephemera guttulata voucher BIOUG<CAN>:09LJGSM-042	HQ571197	86.98	98.16	2.10898e-65	Ephemeroptera	Ephemeridae	Ephemera guttulata
Ephemera guttulata voucher BIOUG02799-E12 cytochro	KR147508	86.51	98.16	2.56927e-64	Ephemeroptera	Ephemeridae	Ephemera guttulata
Ephemera guttulata voucher BIOUG02799-F01 cytochro	KR145777	86.51	98.16	2.56927e-64	Ephemeroptera	Ephemeridae	Ephemera guttulata
Tipula cinereocincta voucher JES-20120024 cytochro	JQ912033	86.45	98.62	2.56927e-64	Diptera	Tipulidae	Tipula cinereocincta
Tipula cinereocincta voucher JES-20110456 cytochro	JQ912032	86.45	98.62	2.56927e-64	Diptera	Tipulidae	Tipula cinereocincta
Notonurus matitensis mitochondrial partial COI gen	HE651360	87.75	94.01	2.56927e-64	Ephemeroptera	Heptageniidae	Notonurus matitensis
Notonurus matitensis mitochondrial partial COI gen	HE651359	87.75	94.01	2.56927e-64	Ephemeroptera	Heptageniidae	Notonurus matitensis
Ephemera guttulata voucher BIOUG<CAN>:09LJGSM-041	HQ571196	86.51	98.16	2.56927e-64	Ephemeroptera	Ephemeridae	Ephemera guttulata
Ephemera simulans voucher BIOUG<CAN>:AY165685 cyto	AY165685	86.51	98.16	2.56927e-64	Ephemeroptera	Ephemeridae	Ephemera simulans
Compsoeuria sp. 1 LV-2012 mitochondrial partial C	HE651386	85.98	98.62	3.13001e-63	Ephemeroptera	Heptageniidae	Compsoeuria sp. 1 LV-2012
Compsoeuria sp. 1 LV-2012 mitochondrial partial C	HE651372	85.98	98.62	3.13001e-63	Ephemeroptera	Heptageniidae	Compsoeuria sp. 1 LV-2012
Notonurus matitensis mitochondrial partial COI gen	HE651358	87.25	94.01	3.13001e-63	Ephemeroptera	Heptageniidae	Notonurus matitensis
Compsoeuria sp. 1 LV-2012 mitochondrial partial C	HE651352	85.98	98.62	3.13001e-63	Ephemeroptera	Heptageniidae	Compsoeuria sp. 1 LV-2012
Cinygmula spJMW3 voucher BIOUG<CAN>:08ABMAY-0039 c	HM372922	85.98	98.62	3.13001e-63	Ephemeroptera	Heptageniidae	Cinygmula spJMW3
Tipula difflava voucher BIOUG16507-D03 cytochrome o	KR437324	85.92	98.16	1.09248e-62	Diptera	Tipulidae	Tipula difflava
Tipula difflava voucher BIOUG16507-E03 cytochrome o	KR436563	85.92	98.16	1.09248e-62	Diptera	Tipulidae	Tipula difflava
Tipula difflava voucher BIOUG16507-E01 cytochrome o	KR435001	85.92	98.16	1.09248e-62	Diptera	Tipulidae	Tipula difflava
Tipula difflava voucher BIOUG16507-D12 cytochrome o	KR432790	85.92	98.16	1.09248e-62	Diptera	Tipulidae	Tipula difflava
Tipula difflava voucher BIOUG16507-E04 cytochrome o	KR427679	85.92	98.16	1.09248e-62	Diptera	Tipulidae	Tipula difflava
Tipula difflava voucher BIOUG16507-D04 cytochrome o	KR426438	85.92	98.16	1.09248e-62	Diptera	Tipulidae	Tipula difflava
Ochlerotatus cf. cantans/annulipes M35 cytochrome	KP760111	85.92	98.16	1.09248e-62	Diptera	Culicidae	Ochlerotatus cf. cantans/annulipes M35
Rhithrogena sartorii mitochondrial partial COI gen	LN868554	85.92	98.16	1.09248e-62	Ephemeroptera	Heptageniidae	Rhithrogena sartorii
Anophthalmus sp. AF-2013 mitochondrial partial COI	HG514696	85.92	98.16	1.09248e-62	Coleoptera	Carabidae	Anophthalmus sp. AF-2013
Anopheles claviger voucher RBINS:IG 32.776/150 cyt	KM258244	85.92	98.16	1.09248e-62	Diptera	Culicidae	Anopheles claviger
Ephemera orientalis voucher EPH01 cytochrome oxida	KF257124	86.89	94.93	1.09248e-62	Ephemeroptera	Ephemeridae	Ephemera orientalis
Hexagenia limbata voucher FAMUBOLD0061 cytochrome	JQ662741	87.19	93.55	1.09248e-62	Ephemeroptera	Ephemeridae	Hexagenia limbata
Leucrocuta maculipennis voucher BIOUG<CAN>:BIOUG00	JQ662689	85.65	99.54	1.09248e-62	Ephemeroptera	Heptageniidae	Leucrocuta maculipennis
Cercobrachys cree voucher BIOUG<CAN>:SWA_iBOL_UofS	JQ662593	85.92	98.16	1.09248e-62	Ephemeroptera	Caenidae	Cercobrachys cree
Parisotoma notabilis cytochrome oxidase subunit I	JN970935	87.19	93.55	1.09248e-62	Ephemeroptera	Isotomidae	Parisotoma notabilis
Ephemera sachalinensis isolate ES1 cytochrome oxid	HQ257229	86.89	94.93	1.09248e-62	Ephemeroptera	Ephemeridae	Ephemera sachalinensis
Ephemera orientalis mitochondrion, complete genome	EU591678	86.89	94.93	1.09248e-62	Ephemeroptera	Ephemeridae	Ephemera orientalis
Orthocladius sp. BOLD:AAI3484 voucher BIOUG10501-E	KR272874	85.25	100	3.81313e-62	Diptera	Chironomidae	Orthocladius sp. BOLD:AAI3484
Heptageniidae sp. BOLD:AAJ0893 voucher BIOUG09888-	KR144472	85.51	98.62	3.81313e-62	Ephemeroptera	Heptageniidae	Heptageniidae sp. BOLD:AAJ0893
Ochlerotatus squamiger voucher NEONTculicid2191 cy	JX259673	85.85	97.7	3.81313e-62	Diptera	Culicidae	Ochlerotatus squamiger
Leucrocuta maculipennis voucher BIOUG<CAN>:BIOUG00	JQ662381	85.25	100	3.81313e-62	Ephemeroptera	Heptageniidae	Leucrocuta maculipennis
Hexagenia bilineata voucher ENT-OUBS-044 cytochrom	HM381300	85.98	97.7	3.81313e-62	Ephemeroptera	Ephemeridae	Hexagenia bilineata
Leucrocuta maculipennis isolate SLB286 cytochrome	AY326900	85.25	100	3.81313e-62	Ephemeroptera	Heptageniidae	Leucrocuta maculipennis
Sphaeroceridae sp. BOLD:AAG7277 voucher BIOUG03190	KR442121	85.51	98.62	1.33091e-61	Diptera	Sphaeroceridae	Sphaeroceridae sp. BOLD:AAG7277
Sphaeroceridae sp. BOLD:AAG7277 voucher BIOUG03154	KR435305	85.51	98.62	1.33091e-61	Diptera	Sphaeroceridae	Sphaeroceridae sp. BOLD:AAG7277
Heptageniidae sp. BOLD:AAJ0893 voucher BIOUG09888-	KR142828	85.51	98.62	1.33091e-61	Ephemeroptera	Heptageniidae	Heptageniidae sp. BOLD:AAJ0893
Heptageniidae sp. BOLD:AAJ0893 voucher BIOUG09888-	KR141318	85.51	98.62	1.33091e-61	Ephemeroptera	Heptageniidae	Heptageniidae sp. BOLD:AAJ0893
Coloburiscoides munionga voucher MDFRC_EP0036 cyto	KP697421	85.51	98.62	1.33091e-61	Ephemeroptera	Coloburiscidae	Coloburiscoides munionga
Sphaeroceridae sp. BOLD:AAG7277 voucher BIOUG07633	KM969419	85.51	98.62	1.33091e-61	Diptera	Sphaeroceridae	Sphaeroceridae sp. BOLD:AAG7277
Sphaeroceridae sp. BOLD:AAG7277 voucher BIOUG07603	KM958529	85.51	98.62	1.33091e-61	Diptera	Sphaeroceridae	Sphaeroceridae sp. BOLD:AAG7277
Sphaeroceridae sp. BOLD:AAG7277 voucher BIOUG05402	KM646643	85.51	98.62	1.33091e-61	Diptera	Sphaeroceridae	Sphaeroceridae sp. BOLD:AAG7277
Sphaeroceridae sp. BOLD:AAG7277 voucher BIOUG08521	KM641899	85.51	98.62	1.33091e-61	Diptera	Sphaeroceridae	Sphaeroceridae sp. BOLD:AAG7277
Rhithrogena tetrapunctigera voucher OPU_BS_Rt2013-	KP970706	85.19	99.54	1.33091e-61	Ephemeroptera	Heptageniidae	Rhithrogena tetrapunctigera
Cinygmula sp. ROM 20111233 EOM002 cytochrome oxidas	KJ675219	85.51	98.62	1.33091e-61	Ephemeroptera	Heptageniidae	Cinygmula sp. ROM 2011233 EOM002
Anopheles lepidotus voucher 51917879 cytochrome ox	JQ041282	87.06	92.63	1.33091e-61	Diptera	Culicidae	Anopheles lepidotus
Cinygmula sp. JMW4 voucher BIOUG<CAN>:10BBEPT-0099	JN278064	85.51	98.62	1.33091e-61	Ephemeroptera	Heptageniidae	Cinygmula sp. JMW4
Leucrocuta hebe voucher BIOUG<CAN>:09NBMA-0678 cy	JQ662849	85.19	99.54	1.33091e-61	Ephemeroptera	Heptageniidae	Leucrocuta hebe
Cinygmula sp. JMW4 voucher BIOUG<CAN>:BIOUG00637-B	JQ661757	85.51	98.62	1.33091e-61	Ephemeroptera	Heptageniidae	Cinygmula sp. JMW4
Cinygmula sp. JMW4 voucher BIOUG<CAN>:08ABMAY-0009	JQ661644	85.51	98.62	1.33091e-61	Ephemeroptera	Heptageniidae	Cinygmula sp. JMW4
Compsoeuria sp. 1 LV-2012 mitochondrinal partial C	HE651339	85.51	98.62	1.33091e-61	Ephemeroptera	Heptageniidae	Compsoeuria sp. 1 LV-2012
Cinygmula sp. JMW4 voucher BIOUG<CAN>:10BBEPT-0133	JN278067	85.51	98.62	1.33091e-61	Ephemeroptera	Heptageniidae	Cinygmula sp. JMW4
Ephemera orientalis isolate EO-M1 cytochrome oxida	HQ257225	86.12	96.31	1.33091e-61	Ephemeroptera	Ephemeridae	Ephemera orientalis
Ephemera orientalis isolate EO-J1 cytochrome oxida	HQ257223	86.12	96.31	1.33091e-61	Ephemeroptera	Ephemeridae	Ephemera orientalis
Cinygmula sp. JMW4 voucher BIOUG<CAN>:08ABMAY-0038	GU711463	85.51	98.62	1.33091e-61	Ephemeroptera	Heptageniidae	Cinygmula sp. JMW4
Neplas sp. GS-2006 cytochrome oxidase subunit I (C	DQ401731	87.06	92.63	1.33091e-61	Diptera	Syrphidae	Neplas sp. GS-2006
Lepidomyia sp. GS-2006b cytochrome oxidase subunit	DQ401730	87.06	92.63	1.33091e-61	Diptera	Syrphidae	Lepidomyia sp. GS-2006b
Tipulidae sp. BOLD:ABW1727 voucher BIOUG16993-D04	KR473141	85.45	98.16	4.64535e-61	Diptera	Tipulidae	Tipulidae sp. BOLD:ABW1727
Tipulidae sp. BOLD:ABW1727 voucher BIOUG16879-H04	KR464544	85.45	98.16	4.64535e-61	Diptera	Tipulidae	Tipulidae sp. BOLD:ABW1727
Tipulidae sp. BOLD:AAE7377 voucher BIOUG17541-B10	KR463606	85.45	98.16	4.64535e-61	Diptera	Tipulidae	Tipulidae sp. BOLD:AAE7377
Tipulidae sp. BOLD:ABW1727 voucher BIOUG16879-H03	KR460763	85.45	98.16	4.64535e-61	Diptera	Tipulidae	Tipulidae sp. BOLD:ABW1727
Tipulidae sp. BOLD:AAE7377 voucher BIOUG17542-A05	KR459808	85.45	98.16	4.64535e-61	Diptera	Tipulidae	Tipulidae sp. BOLD:AAE7377
Tipulinae sp. BOLD:AAP8630 voucher BIOUG11044-F05	KR393422	85.45	98.16	4.64535e-61	Diptera	Tipulinae	Tipulinae sp. BOLD:AAP8630
Tipulinae sp. BOLD:AAP8630 voucher BIOUG11044-F11	KR384002	85.45	98.16	4.64535e-61	Diptera	Tipulinae	Tipulinae sp. BOLD:AAP8630
Tipulinae sp. BOLD:AAP8630 voucher BIOUG11350-B12	KR383306	85.45	98.16	4.64535e-61	Diptera	Tipulinae	Tipulinae sp. BOLD:AAP8630
Tipulinae sp. BOLD:AAP8630 voucher BIOUG12616-H11	KR382239	85.45	98.16	4.64535e-61	Diptera	Tipulinae	Tipulinae sp. BOLD:AAP8630
Tipulinae sp. BOLD:AAP8630 voucher BIOUG13381-G02	KR399399	85.45	98.16	4.64535e-61	Diptera	Tipulinae	Tipulinae sp. BOLD:AAP8630
Tipulinae sp. BOLD:AAP8630 voucher BIOUG13661-D09	KR398818	85.45	98.16	4.64535e-61	Diptera	Tipulinae	Tipulinae sp. BOLD:AAP8630
Tipulinae sp. BOLD:AAP8630 voucher BIOUG11350-C12	KR392514	85.45	98.16	4.64535e-61	Diptera	Tipulinae	Tipulinae sp. BOLD:AAP8630
Tipulinae sp. BOLD:AAP8630 voucher BIOUG11350-G04	KR392510	85.45	98.16	4.64535e-61	Diptera	Tipulinae	Tipulinae sp. BOLD:AAP8630
Tipula sp. BOLD:AAE7377 voucher BIOUG03947-F10 cyt	KM936405	85.45	98.16	4.64535e-61	Diptera	Tipulidae	Tipula sp. BOLD:AAE7377
Tipula banffiana voucher 08BBDIP-1219 cytochrome o	KM570926	85.45	98.16	4.64535e-61	Diptera	Tipulidae	Tipula banffiana
Rhithrogena tetrapunctigera voucher OPU_BS_Rt2013-	KP970707	85.12	99.08	4.64535e-61	Ephemeroptera	Heptageniidae	Rhithrogena tetrapunctigera
Ctenophora dorsalis voucher BIOUG03032-H05 cytochr	KJ091910	85.45	98.16	4.64535e-61	Diptera	Tipulidae	Ctenophora dorsalis
Anopheles claviger voucher RBINS:IG 32.776/155 cyt	KM258242	85.45	98.16	4.64535e-61	Diptera	Culicidae	Anopheles claviger
Cinygmula subaequalis voucher 07GSM-5064 cytochrom	JQ663194	85.12	99.08	4.64535e-61	Ephemeroptera	Heptageniidae	Cinygmula subaequalis
Cinygmula subaequalis voucher 07GSM-5032 cytochrom	JQ663193	85.12	99.08	4.64535e-61	Ephemeroptera	Heptageniidae	Cinygmula subaequalis
Cinygmula subaequalis voucher 07GSM-5001 cytochrom	JQ663192	85.12	99.08	4.64535e-61	Ephemeroptera	Heptageniidae	Cinygmula subaequalis
Cinygmula subaequalis voucher 07GSM-5069 cytochrom	JQ663188	85.12	99.08	4.64535e-61	Ephemeroptera	Heptageniidae	Cinygmula subaequalis
Cinygmula subaequalis voucher 07GSM-5048 cytochrom	JQ663177	85.12	99.08	4.64535e-61	Ephemeroptera	Heptageniidae	Cinygmula subaequalis
Cinygmula subaequalis voucher 07GSM-5027 cytochrom	JQ663092	85.12	99.08	4.64535e-61	Ephemeroptera	Heptageniidae	Cinygmula subaequalis
Cinygmula subaequalis voucher 07GSM-5057 cytochrom	JQ662981	85.12	99.08	4.64535e-61	Ephemeroptera	Heptageniidae	Cinygmula subaequalis
Cinygmula subaequalis voucher 07GSM-5086 cytochrom	JQ662958	85.12	99.08	4.64535e-61	Ephemeroptera	Heptageniidae	Cinygmula subaequalis
Cinygmula subaequalis voucher 07GSM-5020 cytochrom	JQ662935	85.12	99.08	4.64535e-61	Ephemeroptera	Heptageniidae	Cinygmula subaequalis
Cinygmula subaequalis voucher 07GSM-5078 cytochrom	JQ662925	85.12	99.08	4.64535e-61	Ephemeroptera	Heptageniidae	Cinygmula subaequalis
Cinygmula subaequalis voucher 07GSM-5024 cytochrom	JQ662924	85.12	99.08	4.64535e-61	Ephemeroptera	Heptageniidae	Cinygmula subaequalis
Cinygmula subaequalis voucher 07GSM-5030 cytochrom	JQ662869	85.12	99.08	4.64535e-61	Ephemeroptera	Heptageniidae	Cinygmula subaequalis