

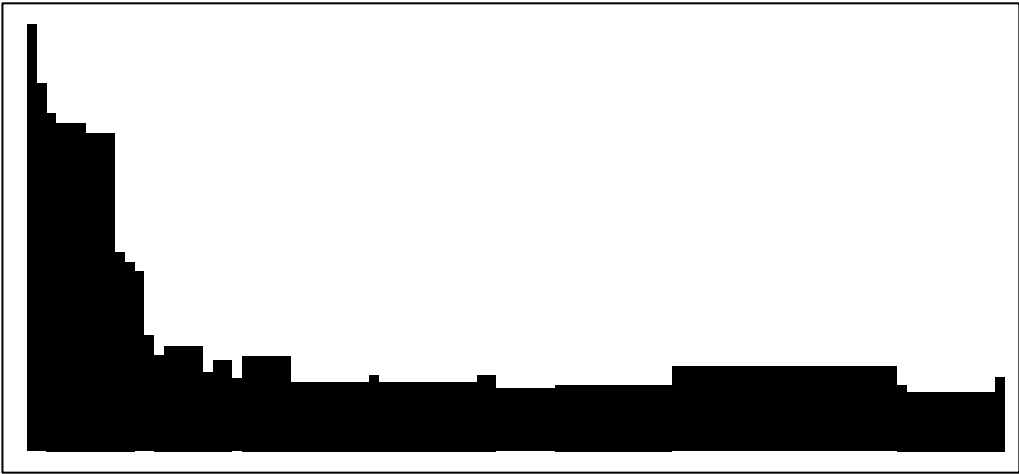
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Ecdyonurus sp. EC-37-FR(MV)

Heptageniidae

Ephemeroptera

100



Ecdyonurus sp. EC-37-FR(MV) mitochondrial partial	HG935046	100	100	1.41832e-105	Ephemeroptera	Heptageniidae	Ecdyonurus sp. EC-37-FR(MV)
Ecdyonurus venosus voucher out004 cytochrome oxida	HM480848	97.24	100	1.97149e-97	Ephemeroptera	Heptageniidae	Ecdyonurus venosus
Ecdyonurus venosus mitochondrial partial COI gene	LN734725	95.85	100	4.3425e-93	Ephemeroptera	Heptageniidae	Ecdyonurus venosus
Ecdyonurus venosus mitochondrial partial COI gene	LN734724	95.39	100	5.29025e-92	Ephemeroptera	Heptageniidae	Ecdyonurus venosus
Ecdyonurus sp. EC-50-IT(LI) mitochondrial partial	HG935051	95.39	100	5.29025e-92	Ephemeroptera	Heptageniidae	Ecdyonurus sp. EC-50-IT(LI)
Ecdyonurus sp. EC-29-IT(TO) mitochondrial partial	HG935043	95.39	100	5.29025e-92	Ephemeroptera	Heptageniidae	Ecdyonurus sp. EC-29-IT(TO)
Ecdyonurus venosus mitochondrial partial COI gene	LN734727	94.93	100	2.24947e-90	Ephemeroptera	Heptageniidae	Ecdyonurus venosus
Ecdyonurus venosus mitochondrial partial COI gene	LN734726	94.93	100	2.24947e-90	Ephemeroptera	Heptageniidae	Ecdyonurus venosus
Ecdyonurus sp. EC-28-IT(TO) mitochondrial partial	HG935042	94.93	100	2.24947e-90	Ephemeroptera	Heptageniidae	Ecdyonurus sp. EC-28-IT(TO)
Ecdyonurus corsicus mitochondrial partial COI gene	HG935039	89.35	99.54	1.51702e-73	Ephemeroptera	Heptageniidae	Ecdyonurus corsicus
Ecdyonurus corsicus mitochondrial partial COI gene	HG935041	88.89	99.54	1.84811e-72	Ephemeroptera	Heptageniidae	Ecdyonurus corsicus
Ecdyonurus corsicus mitochondrial partial COI gene	LN734723	88.43	99.54	7.85836e-71	Ephemeroptera	Heptageniidae	Ecdyonurus corsicus
Leucrocuta maculipennis voucher BIOUG<CAN>:BIOUG00	JQ661665	85.44	94.93	6.89335e-59	Ephemeroptera	Heptageniidae	Leucrocuta maculipennis
Ecdyonurus sp. EC-TU mitochondrial partial COI gen	HG935040	84.51	98.16	2.40601e-58	Ephemeroptera	Heptageniidae	Ecdyonurus sp. EC-TU
Leucrocuta hebe voucher 08INHSE-0155 cytochrome ox	JQ662956	84.95	94.93	2.93113e-57	Ephemeroptera	Heptageniidae	Leucrocuta hebe
Leucrocuta maculipennis voucher BIOUG<CAN>:BIOUG00	JQ662381	84.95	94.93	2.93113e-57	Ephemeroptera	Heptageniidae	Leucrocuta maculipennis
Cinygmula kootenai voucher BIOUG<CAN>:10BBEPT-0126	JN278066	84.95	94.93	2.93113e-57	Ephemeroptera	Heptageniidae	Cinygmula kootenai
Leucrocuta maculipennis isolate SLB286 cytochrome	AY326900	84.95	94.93	2.93113e-57	Ephemeroptera	Heptageniidae	Leucrocuta maculipennis
Ephoron shigae mitochondrial COX1 gene for cytochr	LC034106	83.72	99.08	1.02306e-56	Ephemeroptera	Polymitarcyidae	Ephoron shigae
Electrogena zebtrata mitochondrial partial COI gene	HG935068	84.29	96.77	1.02306e-56	Ephemeroptera	Heptageniidae	Electrogena zebtrata
Metretopus alter voucher NO-EPH6 cytochrome oxidas	JN299079	84.29	96.77	1.02306e-56	Ephemeroptera	Metretopodidae	Metretopus alter
Heterosquilla tricarinata cytochrome c oxidase sub	AF048823	83.41	100	1.02306e-56	Ephemeroptera	Heterosquillidae	Heterosquilla tricarinata
Leucrocuta hebe voucher 08INHSE-0157 cytochrome ox	JQ663121	84.47	94.93	3.57084e-56	Ephemeroptera	Heptageniidae	Leucrocuta hebe
Leucrocuta maculipennis voucher BIOUG<CAN>:BIOUG00	JQ662689	84.47	94.93	3.57084e-56	Ephemeroptera	Heptageniidae	Leucrocuta maculipennis
Leucrocuta hebe voucher 08INHSE-0158 cytochrome ox	JQ662285	84.47	94.93	3.57084e-56	Ephemeroptera	Heptageniidae	Leucrocuta hebe
Cinygmula sp. AMI 1 voucher 4211170106 cytochrome	HQ151115	84.47	94.93	3.57084e-56	Ephemeroptera	Heptageniidae	Cinygmula sp. AMI 1
Leucrocuta hebe isolate SLB262 cytochrome oxidase	AY326823	84.47	94.93	3.57084e-56	Ephemeroptera	Heptageniidae	Leucrocuta hebe
Ephoron shigae mitochondrial COX1 gene for cytochr	LC034101	83.26	99.08	1.24635e-55	Ephemeroptera	Polymitarcyidae	Ephoron shigae
Ephoron shigae mitochondrial COX1 gene for cytochr	LC034100	83.26	99.08	1.24635e-55	Ephemeroptera	Polymitarcyidae	Ephoron shigae
Ephoron shigae mitochondrial COX1 gene for cytochr	LC034099	83.26	99.08	1.24635e-55	Ephemeroptera	Polymitarcyidae	Ephoron shigae
Ephoron shigae mitochondrial COX1 gene for cytochr	LC034097	83.26	99.08	1.24635e-55	Ephemeroptera	Polymitarcyidae	Ephoron shigae
Ephoron shigae mitochondrial COX1 gene for cytochr	LC034095	83.26	99.08	1.24635e-55	Ephemeroptera	Polymitarcyidae	Ephoron shigae
Ephoron shigae mitochondrial COX1 gene for cytochr	LC034094	83.26	99.08	1.24635e-55	Ephemeroptera	Polymitarcyidae	Ephoron shigae
Ephoron shigae mitochondrial COX1 gene for cytochr	LC034093	83.26	99.08	1.24635e-55	Ephemeroptera	Polymitarcyidae	Ephoron shigae
Ephoron shigae mitochondrial COX1 gene for cytochr	LC034089	83.26	99.08	1.24635e-55	Ephemeroptera	Polymitarcyidae	Ephoron shigae
Oratosquilla oratoria haplotype H2 cytochrome oxid	KM196984	83.57	98.16	1.24635e-55	Ephemeroptera	Squillidae	Oratosquilla oratoria
Ephoron shigae mitochondrial COI gene for cytochro	AB711757	83.26	99.08	1.24635e-55	Ephemeroptera	Polymitarcyidae	Ephoron shigae
Ephoron shigae mitochondrial COI gene for cytochro	AB711764	83.26	99.08	1.24635e-55	Ephemeroptera	Polymitarcyidae	Ephoron shigae
Ephoron shigae mitochondrial COI gene for cytochro	AB711778	83.26	99.08	1.24635e-55	Ephemeroptera	Polymitarcyidae	Ephoron shigae
Ephoron shigae mitochondrial COI gene for cytochro	AB711771	83.26	99.08	1.24635e-55	Ephemeroptera	Polymitarcyidae	Ephoron shigae
Ephoron shigae mitochondrial COI gene for cytochro	AB711763	83.26	99.08	1.24635e-55	Ephemeroptera	Polymitarcyidae	Ephoron shigae
Ephoron shigae mitochondrial COI gene for cytochro	AB711762	83.26	99.08	1.24635e-55	Ephemeroptera	Polymitarcyidae	Ephoron shigae
Ephoron shigae mitochondrial COI gene for cytochro	AB711754	83.26	99.08	1.24635e-55	Ephemeroptera	Polymitarcyidae	Ephoron shigae
Ephoron shigae mitochondrial COI gene for cytochro	AB711753	83.26	99.08	1.24635e-55	Ephemeroptera	Polymitarcyidae	Ephoron shigae
Ephoron shigae mitochondrial COI gene for cytochro	AB711751	83.26	99.08	1.24635e-55	Ephemeroptera	Polymitarcyidae	Ephoron shigae
Ephoron shigae mitochondrial COI gene for cytochro	AB711749	83.26	99.08	1.24635e-55	Ephemeroptera	Polymitarcyidae	Ephoron shigae
Ametropus neavei voucher BIOUG<CAN>:SWA_iBOL_UofS_	JQ661844	83.57	98.16	1.24635e-55	Ephemeroptera	Ametropodidae	Ametropus neavei
Ametropus neavei voucher BIOUG<CAN>:SWA_iBOL_UofS_	JQ661546	83.57	98.16	1.24635e-55	Ephemeroptera	Ametropodidae	Ametropus neavei
Electrogena zebtrata mitochondrial partial COI gene	HG935066	82.95	100	4.35018e-55	Ephemeroptera	Heptageniidae	Electrogena zebtrata
Electrogena zebtrata mitochondrial partial COI gene	HG935065	82.95	100	4.35018e-55	Ephemeroptera	Heptageniidae	Electrogena zebtrata
Eurylophella prudentialis voucher SWRC-Ev_Chi1_07 c	JQ662333	82.95	100	4.35018e-55	Ephemeroptera	Ephemerellidae	Eurylophella prudentialis
Eurylophella temporalis group sp. AMI 1 voucher 13	HQ151678	82.95	100	4.35018e-55	Ephemeroptera	Ephemerellidae	Eurylophella temporalis group sp. AMI 1
Eurylophella sp. AMI 1 voucher 660014527 cytochrom	HQ261125	82.95	100	4.35018e-55	Ephemeroptera	Ephemerellidae	Eurylophella sp. AMI 1
Eurylophella prudentialis voucher BIOUG<CAN>:10BGMA	HM900434	82.95	100	4.35018e-55	Ephemeroptera	Ephemerellidae	Eurylophella prudentialis
Oratosquilla oratoria voucher ihb201306431 cytochr	KP976323	83.1	98.16	1.51836e-54	Squillidae	Oratosquilla oratoria	Oratosquilla oratoria
Oratosquilla oratoria voucher ihb201306438 cytochr	KP976317	83.1	98.16	1.51836e-54	Squillidae	Oratosquilla oratoria	Oratosquilla oratoria
Oratosquilla oratoria haplotype H55 cytochrome oxi	KM197037	83.1	98.16	1.51836e-54	Squillidae	Oratosquilla oratoria	Oratosquilla oratoria
Oratosquilla oratoria haplotype H54 cytochrome oxi	KM197036	83.1	98.16	1.51836e-54	Squillidae	Oratosquilla oratoria	Oratosquilla oratoria
Oratosquilla oratoria haplotype H44 cytochrome oxi	KM197026	83.1	98.16	1.51836e-54	Squillidae	Oratosquilla oratoria	Oratosquilla oratoria
Oratosquilla oratoria haplotype H29 cytochrome oxi	KM197011	83.1	98.16	1.51836e-54	Squillidae	Oratosquilla oratoria	Oratosquilla oratoria
Oratosquilla oratoria haplotype H27 cytochrome oxi	KM197009	83.1	98.16	1.51836e-54	Squillidae	Oratosquilla oratoria	Oratosquilla oratoria
Oratosquilla oratoria haplotype H20 cytochrome oxi	KM197002	83.1	98.16	1.51836e-54	Squillidae	Oratosquilla oratoria	Oratosquilla oratoria
Oratosquilla oratoria haplotype H17 cytochrome oxi	KM196999	83.1	98.16	1.51836e-54	Squillidae	Oratosquilla oratoria	Oratosquilla oratoria
Oratosquilla oratoria haplotype H7 cytochrome oxid	KM196989	83.1	98.16	1.51836e-54	Squillidae	Oratosquilla oratoria	Oratosquilla oratoria
Oratosquilla oratoria haplotype H3 cytochrome oxid	KM196985	83.1	98.16	1.51836e-54	Squillidae	Oratosquilla oratoria	Oratosquilla oratoria
Oratosquilla oratoria haplotype H1 cytochrome oxid	KM196983	83.1	98.16	1.51836e-54	Squillidae	Oratosquilla oratoria	Oratosquilla oratoria
Cinygmula sp. BOLD:AAA3888 voucher 2509570105 cyto	JN197457	83.98	94.93	1.51836e-54	Ephemeroptera	Heptageniidae	Cinygmula sp. BOLD:AAA3888
Cinygmula sp. BOLD:AAA3888 voucher 9711090175 cyto	JN200302	83.98	94.93	1.51836e-54	Ephemeroptera	Heptageniidae	Cinygmula sp. BOLD:AAA3888
Cinygmula sp. AMISE364-08 voucher 7311130670 cytoc	JN200300	83.98	94.93	1.51836e-54	Ephemeroptera	Heptageniidae	Cinygmula sp. AMISE364-08
Cinygmula sp. BOLD:AAA3888 voucher 5611130761 cyto	JN200299	83.98	94.93	1.51836e-54	Ephemeroptera	Heptageniidae	Cinygmula sp. BOLD:AAA3888
Cinygmula subaequalis voucher 07GSM-5059 cytochrom	JQ662780	83.98	94.93	1.51836e-54	Ephemeroptera	Heptageniidae	Cinygmula subaequalis
Cinygmula subaequalis voucher 07GSM-5011 cytochrom	JQ662744	83.98	94.93	1.51836e-54	Ephemeroptera	Heptageniidae	Cinygmula subaequalis
Cinygmula subaequalis voucher 07GSM-5074 cytochrom	JQ661814	83.98	94.93	1.51836e-54	Ephemeroptera	Heptageniidae	Cinygmula subaequalis
Heptageniidae sp. AMI 1 voucher 7520910119 cytochr	HQ152671	83.98	94.93	1.51836e-54	Ephemeroptera	Heptageniidae	Heptageniidae sp. AMI 1
Cinygmula subaequalis voucher 8518140711 cytochrom	HQ152359	83.98	94.93	1.51836e-54	Ephemeroptera	Heptageniidae	Cinygmula subaequalis
Cinygmula subaequalis voucher 7218100654 cytochrom	HQ152357	83.98	94.93	1.51836e-54	Ephemeroptera	Heptageniidae	Cinygmula subaequalis
Cinygmula sp. AMI 1 voucher 9411130236 cytochrome	HQ151127	83.98	94.93	1.51836e-54	Ephemeroptera	Heptageniidae	Cinygmula sp. AMI 1
Cinygmula sp. AMI 1 voucher 9111170228 cytochrome	HQ151126	83.98	94.93	1.51836e-54	Ephemeroptera	Heptageniidae	Cinygmula sp. AMI 1
Cinygmula sp. AMI 1 voucher 8211130936 cytochrome	HQ151125	83.98	94.93	1.51836e-54	Ephemeroptera	Heptageniidae	Cinygmula sp. AMI 1
Cinygmula sp. AMI 1 voucher 7811130546 cytochrome	HQ151124	83.98	94.93	1.51836e-54	Ephemeroptera	Heptageniidae	Cinygmula sp. AMI 1
Cinygmula sp. AMI 1 voucher 6511090834 cytochrome	HQ151122	83.98	94.93	1.51836e-54	Ephemeroptera	Heptageniidae	Cinygmula sp. AMI 1
Cinygmula sp. AMI 1 voucher 5711090679 cytochrome	HQ151119	83.98	94.93	1.51836e-54	Ephemeroptera	Heptageniidae	Cinygmula sp. AMI 1
Cinygmula sp. AMI 1 voucher 5211131012 cytochrome	HQ151118	83.98	94.93	1.51836e-54	Ephemeroptera	Heptageniidae	Cinygmula sp. AMI 1
Cinygmula sp. AMI 1 voucher 3911130870 cytochrome	HQ151114	83.98	94.93	1.51836e-54	Ephemeroptera	Heptageniidae	Cinygmula sp. AMI 1
Cinygmula sp. AMI 1 voucher 3611170662 cytochrome	HQ151113	83.98	94.93	1.51836e-54	Ephemeroptera	Heptageniidae	Cinygmula sp. AMI 1
Cinygmula sp. AMI 1 voucher 3111090582 cytochrome	HQ151110	83.98	94.93	1.51836e-54	Ephemeroptera	Heptageniidae	Cinygmula sp. AMI 1
Cinygmula sp. AMI 1 voucher 2810780344 cytochrome	HQ151109	83.98	94.93	1.51836e-54	Ephemeroptera	Heptageniidae	Cinygmula sp. AMI 1
Cinygmula sp. AMI 1 voucher 1711090731 cytochrome	HQ151107	83.98	94.93	1.51836e-54	Ephemeroptera	Heptageniidae	Cinygmula sp. AMI 1
Cinygmula sp. AMI 1 voucher 1511090234 cytochrome	HQ151105	83.98	94.93	1.51836e-54	Ephemeroptera	Heptageniidae	Cinygmula sp. AMI 1
Ametropus neavei isolate SLB260 cytochrome oxidase	AY326868	83.1	98.16	1.51836e-54	Ephemeroptera	Ametropodidae	Ametropus neavei
Ephoron shigae mitochondrial COX1 gene for cytochr	LC034107	82.79	99.08	5.2996e-54	Ephemeroptera	Polymitarcyidae	Ephoron shigae
Ephoron shigae mitochondrial COX1 gene for cytochr	LC034105	82.79	99.08	5.2996e-54	Ephemeroptera	Polymitarcyidae	Ephoron shigae
Ephoron shigae mitochondrial COX1 gene for cytochr	LC034104	82.79	99.08	5.2996e-54	Ephemeroptera	Polymitarcyidae	Ephoron shigae
Ephoron shigae mitochondrial COX1 gene for cytochr	LC034103	82.79	99.08	5.2996e-54	Ephemeroptera	Polymitarcyidae	Ephoron shigae
Ephoron shigae mitochondrial COX1 gene for cytochr	LC034102	82.79	99.08	5.2996e-54	Ephemeroptera	Polymitarcyidae	Ephoron shigae
Ephoron shigae mitochondrial COX1 gene for cytochr	LC034098	82.79	99.08	5.2996e-54	Ephemeroptera	Polymitarcyidae	Ephoron shigae
Ephoron shigae mitochondrial COX1 gene for cytochr	LC034096	82.79	99.08	5.2996e-54	Ephemeroptera	Polymitarcyidae	Ephoron shigae
Ephoron shigae mitochondrial COX1 gene for cytochr	LC034092	82.79	99.08	5.2996e-54	Ephemeroptera	Polymitarcyidae	Ephoron shigae
Ephoron shigae mitochondrial COX1 gene for cytochr	LC034091	82.79	99.08	5.2996e-54	Ephemeroptera	Polymitarcyidae	Ephoron shigae
Cinygmula subaequalis voucher 6618100289 cytochrom	HQ152356	83.5	94.93	5.2996e-54	Ephemeroptera	Heptageniidae	Cinygmula subaequalis