

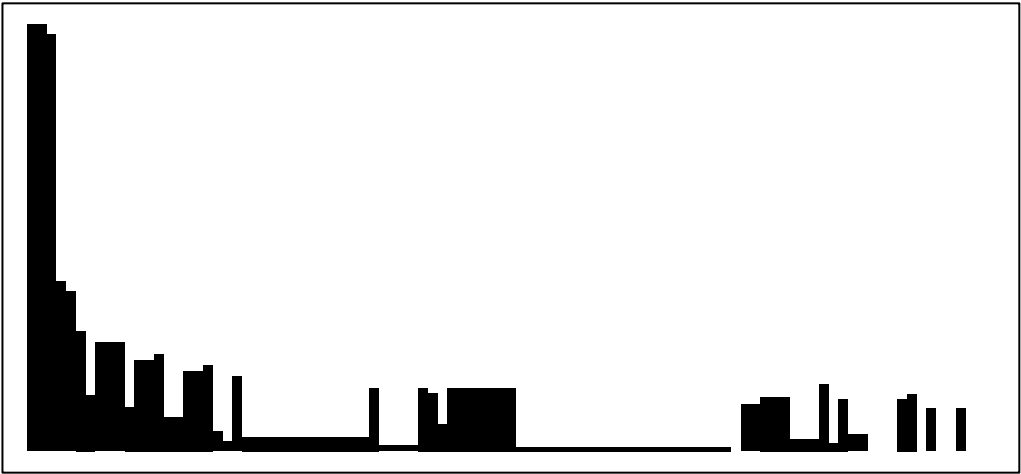
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Centroptilum luteolum

Baetidae

Ephemeroptera

100



Centroptilum luteolum voucher NO-EPH74 cytochrome	JN299138	100	100	1.41701e-105	Ephemeroptera	Baetidae	Centroptilum luteolum
Centroptilum luteolum voucher NO-EPH69 cytochrome	JN299133	100	100	1.41701e-105	Ephemeroptera	Baetidae	Centroptilum luteolum
Centroptilum luteolum voucher NO-EPH73 cytochrome	JN299137	99.54	100	6.02529e-104	Ephemeroptera	Baetidae	Centroptilum luteolum
Centroptilum luteolum mitochondrial partial COI ge	LN734697	87.96	99.54	9.56463e-70	Ephemeroptera	Baetidae	Centroptilum luteolum
Centroptilum luteolum mitochondrial partial COI ge	LN734698	87.5	99.54	4.06698e-68	Ephemeroptera	Baetidae	Centroptilum luteolum
Cloeon smaeleni mitochondrial partial COI gene fo	HG935104	85.64	86.64	6.45029e-53	Ephemeroptera	Baetidae	Cloeon smaeleni
Baetis fuscatus clone DNA No. 63 cytochrome oxidas	JN164327	82.63	98.16	6.45029e-53	Ephemeroptera	Baetidae	Baetis fuscatus
Cloeon cf. smaeleni GL30 mitochondrial partial COI	HG935109	85.11	86.64	7.85806e-52	Ephemeroptera	Baetidae	Cloeon cf. smaeleni GL30
Cloeon cf. smaeleni GL29 mitochondrial partial COI	HG935108	85.11	86.64	7.85806e-52	Ephemeroptera	Baetidae	Cloeon cf. smaeleni GL29
Cloeon smaeleni mitochondrial partial COI gene for	HG935105	85.11	86.64	7.85806e-52	Ephemeroptera	Baetidae	Cloeon smaeleni
Baetis michaelohubbardi mitochondrial COX1 gene fo	LC061856	82.08	97.7	2.74273e-51	Ephemeroptera	Baetidae	Baetis michaelohubbardi
Baetidae sp. 'Camilobaetis' gmycM27 haplotype HapM	KR134656	84.29	88.02	9.57308e-51	Ephemeroptera	Baetidae	Camelobaetidius sp. gmycM27
Camelobaetidius sp. gmycM27 cytochrome oxidase sub	KR134653	84.29	88.02	9.57308e-51	Ephemeroptera	Baetidae	Cloeon smaeleni
Cloeon smaeleni mitochondrial partial COI gene for	HG935106	84.57	86.64	3.34133e-50	Ephemeroptera	Baetidae	Baetodes sp. gmycM100
Baetodes sp. gmycM100 haplotype HapM19 cytochrome	KR134622	81.6	97.7	1.16624e-49	Ephemeroptera	Ephemerellidae	Torleya nepalica
Torleya nepalica isolate Tor nep1 cytochrome oxida	KM262827	81.6	97.7	1.16624e-49	Ephemeroptera		Ephemeroptera sp. KMGHap_115
Baetidae sp. 'Camilobaetis' gmycM27 haplotype HapM	KR134655	83.77	88.02	4.07058e-49	Ephemeroptera	Baetidae	Baetidae sp. OPU_BS_B2014-5
Baetidae sp. 'Camilobaetis' gmycM27 haplotype HapM	KR134654	83.77	88.02	4.07058e-49	Ephemeroptera	Baetidae	Baetidae sp. OPU_BS_B2014-6
Ephemeroptera sp. KMGHap_115 cytochrome c oxidase	JQ344963	84.04	86.64	4.07058e-49	Ephemeroptera	Baetidae	Plautitus virilis
Baetidae sp. OPU_BS_B2014-5 cytochrome oxidase sub	KP970716	80.93	99.08	1.42077e-48	Ephemeroptera	Baetidae	Cloeon dipterum
Baetidae sp. OPU_BS_B2014-6 cytochrome oxidase sub	KP970717	80.47	99.08	1.73085e-47	Ephemeroptera	Baetidae	Cloeon dipterum
Plautitus virilis voucher 09LJ149 cytochrome oxida	GU713764	83.51	86.64	1.73085e-47	Ephemeroptera	Baetidae	Cloeon dipterum
Cloeon dipterum voucher BIOUG08615-H11 cytochrome	KR380657	80.66	97.7	6.04127e-47	Ephemeroptera	Baetidae	Cloeon sp. BOLD:AAM7076
Cloeon dipterum voucher BIOUG09593-G08 cytochrome	KR380003	80.66	97.7	6.04127e-47	Ephemeroptera	Baetidae	Cloeon dipterum
Cloeon dipterum voucher BIOUG09060-A02 cytochrome	KR378427	80.66	97.7	6.04127e-47	Ephemeroptera	Baetidae	Cloeon dipterum
Cloeon sp. BOLD:AAM7076 voucher BIOUG06869-D03 cyt	KM532084	80.66	97.7	6.04127e-47	Ephemeroptera	Baetidae	Camelobaetidius nr. warreni BOLD:AA Y5874
Cloeon dipterum voucher IGB SR13B08 cytochrome oxi	KJ631639	80.66	97.7	6.04127e-47	Ephemeroptera	Baetidae	Baetidae sp. BOLD:AAC2234
Cloeon dipterum voucher IGB SR21B07 cytochrome oxi	KJ631626	80.66	97.7	6.04127e-47	Ephemeroptera	Baetidae	Baetidae sp. BOLD:AAC2234
Camelobaetidius nr. warreni BOLD:AA Y5874 voucher B	JQ662823	80.66	97.7	6.04127e-47	Ephemeroptera	Baetidae	Diphedor hageni
Baetidae sp. BOLD:AAC2234 voucher 08-SWRC-0813 cyt	JF286657	80.66	97.7	6.04127e-47	Ephemeroptera	Baetidae	Diphedor hageni
Baetidae sp. BOLD:AAC2234 voucher 08-SWRC-0979 cyt	JF286658	80.66	97.7	6.04127e-47	Ephemeroptera	Baetidae	Diphedor hageni
Diphedor hageni voucher 4113490281 cytochrome oxid	HQ151559	80.66	97.7	6.04127e-47	Ephemeroptera	Baetidae	Diphedor hageni
Diphedor hageni voucher MBSS_1033 cytochrome oxida	HQ152730	80.66	97.7	6.04127e-47	Ephemeroptera	Baetidae	Plautitus virilis
Diphedor hageni voucher MBSS_1032 cytochrome oxida	HQ152729	80.66	97.7	6.04127e-47	Ephemeroptera	Baetidae	Pegomya solennis
Diphedor hageni voucher MBSS_1031 cytochrome oxida	HQ152728	80.66	97.7	6.04127e-47	Ephemeroptera	Baetidae	Pegomya solennis
Plautitus virilis voucher 09LJ147 cytochrome oxida	GU713766	82.98	86.64	6.04127e-47	Diptera	Anthomyiidae	Pegomya solennis
Pegomya solennis voucher I83-2 cytochrome oxidase	KM073192	80.28	98.16	2.10861e-46	Diptera	Anthomyiidae	Pegomya solennis
Pegomya solennis voucher I90-1 cytochrome oxidase	KM073191	80.28	98.16	2.10861e-46	Ephemeroptera	Baetidae	Plautitus virilis
Pegomya solennis voucher I87-3a cytochrome oxidase	KM073189	80.28	98.16	2.10861e-46	Ephemeroptera	Baetidae	Callibaetis pretiosus
Pegomya solennis voucher I87-3 cytochrome oxidase	KM073188	80.28	98.16	2.10861e-46	Ephemeroptera	Baetidae	Diphedor hageni
Plautitus virilis voucher BIOUG<CAN>:BIOUG00638-F0	JQ662331	82.98	86.64	2.10861e-46	Ephemeroptera	Baetidae	Plautitus virilis
Callibaetis pretiosus voucher BIOUG<CAN>:BIOUG0064	JQ662267	82.72	88.02	2.10861e-46	Ephemeroptera	Baetidae	Plautitus virilis
Diphedor hageni voucher 7918400710 cytochrome oxid	HQ152362	81.28	93.55	2.10861e-46	Ephemeroptera	Baetidae	Plautitus virilis
Plautitus virilis voucher 09LJ142 cytochrome oxida	GU713811	82.98	86.64	2.10861e-46	Ephemeroptera	Baetidae	Plautitus virilis
Plautitus virilis voucher 09LJ101 cytochrome oxida	GU713804	82.98	86.64	2.10861e-46	Ephemeroptera	Baetidae	Plautitus virilis
Plautitus virilis voucher 09LJ128 cytochrome oxida	GU713783	82.98	86.64	2.10861e-46	Ephemeroptera	Baetidae	Plautitus virilis
Plautitus virilis voucher 09LJ129 cytochrome oxida	GU713780	82.98	86.64	2.10861e-46	Ephemeroptera	Baetidae	Plautitus virilis
Plautitus virilis voucher 09LJ136 cytochrome oxida	GU713774	82.98	86.64	2.10861e-46	Ephemeroptera	Baetidae	Plautitus virilis
Plautitus virilis voucher 09LJ143 cytochrome oxida	GU713770	82.98	86.64	2.10861e-46	Ephemeroptera	Baetidae	Plautitus virilis
Plautitus virilis voucher 09LJ148 cytochrome oxida	GU713767	82.98	86.64	2.10861e-46	Ephemeroptera	Baetidae	Plautitus virilis
Cryptolestes ferrugineus voucher BIOUG08685-A07 cy	KR481923	80.19	97.7	7.35978e-46	Coleoptera	Laemophloeidae	Cryptolestes ferrugineus
Anthomyiidae sp. BOLD:ACI4819 voucher BIOUG17481-A	KR507206	80.19	97.7	7.35978e-46	Diptera	Anthomyiidae	Anthomyiidae sp. BOLD:ACI4819
Anthomyiidae sp. BOLD:AAP8840 voucher BIOUG18212-C	KR509465	80.19	97.7	7.35978e-46	Diptera	Anthomyiidae	Anthomyiidae sp. BOLD:AAP8840
Anthomyiidae sp. BOLD:ACI4819 voucher BIOUG17426-C	KR499968	80.19	97.7	7.35978e-46	Diptera	Anthomyiidae	Anthomyiidae sp. BOLD:ACI4819
Anthomyiidae sp. BOLD:AAP8840 voucher BIOUG17903-C	KR468761	80.19	97.7	7.35978e-46	Diptera	Anthomyiidae	Anthomyiidae sp. BOLD:AAP8840
Anthomyiidae sp. BOLD:AAP8840 voucher BIOUG17902-F	KR472823	80.19	97.7	7.35978e-46	Diptera	Anthomyiidae	Anthomyiidae sp. BOLD:AAP8840
Anthomyiidae sp. BOLD:AAP8840 voucher BIOUG18021-B	KR471803	80.19	97.7	7.35978e-46	Diptera	Anthomyiidae	Anthomyiidae sp. BOLD:AAP8840
Anthomyiidae sp. BOLD:AAP8840 voucher BIOUG17903-B	KR471179	80.19	97.7	7.35978e-46	Diptera	Anthomyiidae	Anthomyiidae sp. BOLD:AAP8840
Anthomyiidae sp. BOLD:AAP8840 voucher BIOUG17540-A	KR470625	80.19	97.7	7.35978e-46	Diptera	Anthomyiidae	Anthomyiidae sp. BOLD:AAP8840
Anthomyiidae sp. BOLD:ACI4819 voucher BIOUG12635-B	KR398252	80.19	97.7	7.35978e-46	Diptera	Scathophagidae	Scathophaginae sp. BOLD:ACI4819
Scathophaginae sp. BOLD:ACI4819 voucher BIOUG06540	KP045663	80.19	97.7	7.35978e-46	Ephemeroptera	Baetidae	Cloeon dipterum
Cloeon dipterum voucher BIOUG24032-B02 cytochrome	KT706234	80.19	97.7	7.35978e-46	Ephemeroptera	Baetidae	Cloeon dipterum
Cloeon dipterum voucher IGB SR12E06 cytochrome oxi	KJ631637	80.19	97.7	7.35978e-46	Ephemeroptera	Baetidae	Cloeon dipterum
Cloeon dipterum voucher IGB SR12D03 cytochrome oxi	KJ631634	80.19	97.7	7.35978e-46	Ephemeroptera	Baetidae	Baetis pseudorhodani
Cloeon dipterum voucher IGB SR22G08 cytochrome oxi	KJ631628	80.19	97.7	7.35978e-46	Ephemeroptera	Baetidae	Baetis rhodani
Baetis pseudorhodani isolate LG1_830004 cytochrome	KF438149	80.19	97.7	7.35978e-46	Ephemeroptera	Baetidae	Camelobaetidius cf. kondratieffi BOLD:AA Z3997
Baetis rhodani clone DNA No. 31 cytochrome oxidase	JN164303	80.19	97.7	7.35978e-46	Ephemeroptera	Baetidae	Diphedor hageni
Camelobaetidius cf. kondratieffi BOLD:AA Z3997 vouc	JQ662728	80.19	97.7	7.35978e-46	Ephemeroptera	Baetidae	Diphedor hageni
Diphedor hageni voucher 08INHSE-0055 cytochrome ox	JQ662609	80.19	97.7	7.35978e-46	Ephemeroptera	Baetidae	Diphedor hageni
Diphedor hageni voucher 8819170373 cytochrome oxid	HQ152524	80.19	97.7	7.35978e-46	Ephemeroptera	Baetidae	Baetidae sp. AMI 1
Diphedor hageni voucher 1615960149 cytochrome oxid	HQ152155	80.19	97.7	7.35978e-46	Ephemeroptera	Baetidae	Procloeon sp. BOLD:ACG9176
Baetidae sp. AMI 1 voucher 5313480134 cytochrome o	HQ151554	80.19	97.7	7.35978e-46	Ephemeroptera	Baetidae	Baetis sp. gmycM29
Procloeon sp. BOLD:ACG9176 voucher BIOUG02692-B08	KR144009	79.63	99.54	2.56881e-45	Ephemeroptera	Baetidae	Baetis sp. gmycM29
Baetis sp. gmycM29 haplotype HapM63 cytochrome oxi	KR134666	82.2	88.02	2.56881e-45	Ephemeroptera	Baetidae	Baetodes sp. gmycM17
Baetis sp. gmycM29 haplotype HapM62 cytochrome oxi	KR134665	82.2	88.02	2.56881e-45	Ephemeroptera	Baetidae	Baetodes sp. gmycM17
Baetodes sp. gmycM17 haplotype HapM22 cytochrome o	KR134625	82.54	87.1	2.56881e-45	Ephemeroptera	Baetidae	Procloeon bifidum
Baetodes sp. gmycM17 haplotype HapM17 cytochrome o	KR134620	82.54	87.1	2.56881e-45	Ephemeroptera	Baetidae	Platybaetis sp. SAD-2014
Procloeon bifidum mitochondrial partial COI gene f	LN734705	82.54	87.1	2.56881e-45	Ephemeroptera	Baetidae	Liebebiella sp. SAD-2014
Platybaetis sp. SAD-2014 voucher Plat1 cytochrome	KM232677	80.58	94.93	2.56881e-45	Ephemeroptera	Baetidae	Liebebiella sp. SAD-2014
Liebebiella sp. SAD-2014 voucher Lieb3 cytochrome	KM232676	80.58	94.93	2.56881e-45	Ephemeroptera	Baetidae	Liebebiella sp. JMW2
Liebebiella sp. SAD-2014 voucher Lieb2 cytochrome	KM232675	80.58	94.93	2.56881e-45	Ephemeroptera	Baetidae	Procloeon rubripictum
Baetodes sp. JMW2 voucher BIOUG<CAN>:BIOUG00640-E1	JQ662964	83.15	84.79	2.56881e-45	Ephemeroptera	Baetidae	Cloeon bicolor
Procloeon rubripictum isolate SLB269 cytochrome ox	AY326801	80.38	96.31	2.56881e-45	Ephemeroptera	Baetidae	Cloeon dipterum
Cloeon bicolor mitochondrial COX1 gene for cytochr	LC061857	82.45	86.64	8.96605e-45	Diptera	Anthomyiidae	Pegomya solennis
Cloeon dipterum voucher IGB SR13B05 cytochrome oxi	KJ631638	80.79	93.55	8.96605e-45	Ephemeroptera	Baetidae	Baetis canariensis
Cloeon dipterum voucher IGB SR12E01 cytochrome oxi	KJ631636	80.79	93.55	8.96605e-45	Ephemeroptera	Baetidae	Plautitus dubius
Pegomya solennis voucher I90-1a cytochrome oxidase	KM073190	79.81	98.16	8.96605e-45	Ephemeroptera	Baetidae	Plautitus virilis
Baetis canariensis isolate TF1_745838 cytochrome o	KF438162	79.81	98.16	8.96605e-45	Ephemeroptera	Baetidae	Baetis brunneicolor
Plautitus dubius voucher LJNY-146 cytochrome oxida	JQ663089	79.81	98.16	8.96605e-45	Diptera	Anthomyiidae	Anthomyiidae sp. BOLD:ACB1112
Plautitus virilis voucher 09LJ139 cytochrome oxida	GU713775	82.45	86.64	8.96605e-45	Ephemeroptera	Baetidae	Cloeon dipterum
Baetis brunneicolor voucher BIOUG<CAN>:07PROBE-226	GU115063	82.7	85.25	8.96605e-45	Ephemeroptera	Baetidae	Pseudocloeon sp. BOLD:AAE0536
Anthomyiidae sp. BOLD:ACB1112 voucher BIOUG14211-H	KR516985	79.72	97.7	3.12946e-44	Ephemeroptera	Baetidae	Pseudocloeon sp. BOLD:AAE0536
Cloeon dipterum voucher BIOUG08614-H05 cytochrome	KR919452	82.01	87.1	3.12946e-44	Ephemeroptera	Baetidae	Baetodes sp. gmycM17
Pseudocloeon sp. BOLD:AAE0536 voucher BIOUG02691-D	KR148476	79.72	97.7	3.12946e-44	Diptera	Anthomyiidae	Paradelia brunneonigra
Pseudocloeon sp. BOLD:AAE0536 voucher BIOUG02701-D	KR146828	79.72	97.7	3.12946e-44	Diptera	Anthomyiidae	Anthomyiidae sp. BOLD:AAP8840
Baetodes sp. gmycM17 haplotype HapM27 cytochrome o	KR134630	82.01	87.1	3.12946e-44	Diptera	Anthomyiidae	Paradelia brunneonigra
Paradelia brunneonigra voucher BIOUG06532-G09 cyto	KM861856	79.72	97.7	3.12946e-44	Diptera	Anthomyiidae	Paradelia brunneonigra
Anthomyiidae sp. BOLD:AAP8840 voucher BIOUG04856-H	KM859206	79.72	97.7	3.12946e-44	Diptera		Centroptilum luteolum
Paradelia brunneonigra voucher BIOUG03607-F12 cyto	KM859140	79.72	97.7	3.12946e-44			Centroptilum luteolum
Paradelia brunneonigra voucher BIOUG06535-C05 cyto	KM856765	79.72	97.7	3.12946e-44			Centroptilum luteolum