

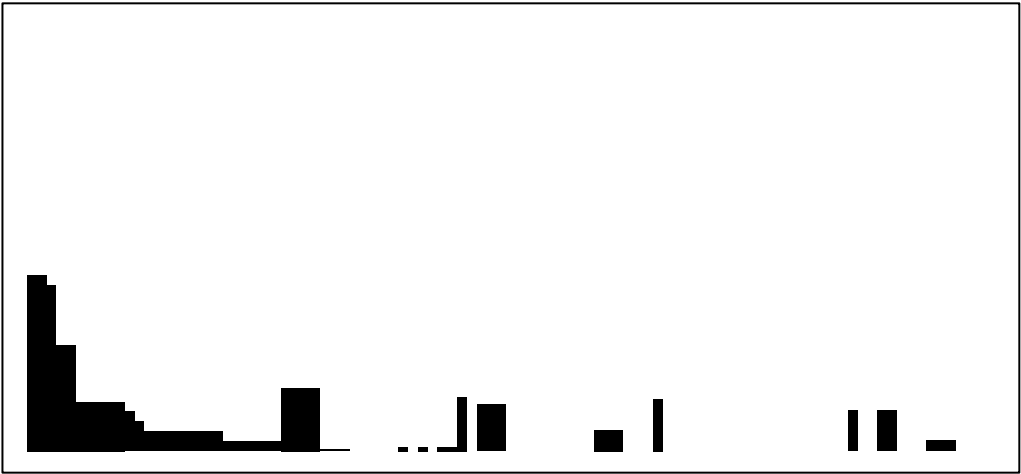
OTU_79;size=38627;.csv

Centroptilum luteolum

Baetidae

Ephemeroptera

88.26



Centroptilum luteolum voucher NO-EPH74 cytochrome	JN299138	88.26	98.16	3.33838e-69	Ephemeroptera	Baetidae	Centroptilum luteolum
Centroptilum luteolum voucher NO-EPH69 cytochrome	JN299133	88.26	98.16	3.33838e-69	Ephemeroptera	Baetidae	Centroptilum luteolum
Centroptilum luteolum voucher NO-EPH73 cytochrome	JN299137	87.79	98.16	4.06698e-68	Ephemeroptera	Baetidae	Centroptilum luteolum
Centroptilum luteolum mitochondrial partial COI ge	LN734698	84.98	98.16	5.6532e-60	Ephemeroptera	Baetidae	Centroptilum luteolum
Centroptilum luteolum mitochondrial partial COI ge	LN734697	84.98	98.16	5.6532e-60	Ephemeroptera	Baetidae	Centroptilum luteolum
Cloeon dipterum voucher BIOUG24032-B02 cytochrome	KT706234	82.33	99.08	6.45029e-53	Ephemeroptera	Baetidae	Cloeon dipterum
Cloeon dipterum voucher IGB SR12E06 cytochrome oxi	KJ631637	82.33	99.08	6.45029e-53	Ephemeroptera	Baetidae	Cloeon dipterum
Cloeon dipterum voucher IGB SR12D03 cytochrome oxi	KJ631634	82.33	99.08	6.45029e-53	Ephemeroptera	Baetidae	Cloeon dipterum
Cloeon dipterum voucher IGB SR22G08 cytochrome oxi	KJ631628	82.33	99.08	6.45029e-53	Ephemeroptera	Baetidae	Cloeon dipterum
Baetis fuscatus clone DNA No. 63 cytochrome oxidas	JN164327	82.33	99.08	6.45029e-53	Ephemeroptera	Baetidae	Baetis fuscatus
Cloeon dipterum voucher IGB SR13B05 cytochrome oxi	KJ631638	81.86	99.08	2.74273e-51	Ephemeroptera	Baetidae	Cloeon dipterum
Cloeon dipterum voucher IGB SR12E01 cytochrome oxi	KJ631636	81.4	99.08	3.34133e-50	Ephemeroptera	Baetidae	Cloeon dipterum
Cloeon dipterum voucher BIOUG08615-H11 cytochrome	KR380657	80.93	99.08	1.42077e-48	Ephemeroptera	Baetidae	Cloeon dipterum
Cloeon dipterum voucher BIOUG09593-G08 cytochrome	KR380003	80.93	99.08	1.42077e-48	Ephemeroptera	Baetidae	Cloeon dipterum
Cloeon dipterum voucher BIOUG10965-H01 cytochrome	KR379309	80.93	99.08	1.42077e-48	Ephemeroptera	Baetidae	Cloeon dipterum
Cloeon dipterum voucher BIOUG09060-A02 cytochrome	KR378427	80.93	99.08	1.42077e-48	Ephemeroptera	Baetidae	Cloeon dipterum
Cloeon sp. BOLD:AAM7076 voucher BIOUG06869-D03 cyt	KM532084	80.93	99.08	1.42077e-48	Ephemeroptera	Baetidae	Cloeon sp. BOLD:AAM7076
Cloeon dipterum voucher IGB SR13B08 cytochrome oxi	KJ631639	80.93	99.08	1.42077e-48	Ephemeroptera	Baetidae	Cloeon dipterum
Cloeon dipterum voucher IGB SR12D01 cytochrome oxi	KJ631633	80.93	99.08	1.42077e-48	Ephemeroptera	Baetidae	Cloeon dipterum
Cloeon dipterum voucher IGB SR21B07 cytochrome oxi	KJ631626	80.93	99.08	1.42077e-48	Ephemeroptera	Baetidae	Cloeon dipterum
Baetis fuscatus clone DNA No. 131 cytochrome oxida	JN164326	80.47	99.08	1.73085e-47	Ephemeroptera	Baetidae	Baetis fuscatus
Baetis fuscatus clone DNA No. 132 cytochrome oxida	JN164325	80.47	99.08	1.73085e-47	Ephemeroptera	Baetidae	Baetis fuscatus
Baetis fuscatus clone DNA No. 129 cytochrome oxida	JN164324	80.47	99.08	1.73085e-47	Ephemeroptera	Baetidae	Baetis fuscatus
Baetis fuscatus clone DNA No. 130 cytochrome oxida	JN164323	80.47	99.08	1.73085e-47	Ephemeroptera	Baetidae	Baetis fuscatus
Baetis fuscatus clone DNA No. 128 cytochrome oxida	JN164322	80.47	99.08	1.73085e-47	Ephemeroptera	Baetidae	Baetis fuscatus
Baetis fuscatus clone DNA No. 62 cytochrome oxidas	JN164321	80.47	99.08	1.73085e-47	Ephemeroptera	Baetidae	Baetis fuscatus
Cloeon cf. smaeleni GL30 mitochondrial partial COI	HG935109	82.98	86.64	2.10861e-46	Ephemeroptera	Baetidae	Cloeon cf. smaeleni GL30
Cloeon cf. smaeleni GL29 mitochondrial partial COI	HG935108	82.98	86.64	2.10861e-46	Ephemeroptera	Baetidae	Cloeon cf. smaeleni GL29
Cloeon smaeleni mitochondrial partial COI gene for	HG935104	82.98	86.64	2.10861e-46	Ephemeroptera	Baetidae	Cloeon smaeleni
Ephemeroptera sp. KMGHap_115 cytochrome c oxidase	JQ344963	82.98	86.64	2.10861e-46	Ephemeroptera	Baetidae	Ephemeroptera sp. KMGHap_115
Acentrella turbida voucher LJNY-184 cytochrome oxi	JQ662317	80.09	99.54	2.10861e-46	Ephemeroptera	Baetidae	Acentrella turbida
Acentrella sp. AMI 1 voucher 9810960115 cytochrome	HQ151052	80.09	99.54	2.10861e-46	Ephemeroptera	Baetidae	Acentrella sp. AMI 1
Acentrella sp. AMI 1 voucher 3910960268 cytochrome	HQ151050	80.09	99.54	2.10861e-46	Ephemeroptera	Baetidae	Acentrella sp. AMI 1
Plegaderus dissectus voucher PASSIFOR-NM13-033 cyt	KM285939	80	99.08	7.35978e-46	Coleoptera	Histeridae	Plegaderus dissectus
Plegaderus dissectus voucher BFB_Col_FK_6435 cytoc	KM449451	80	99.08	7.35978e-46	Coleoptera	Histeridae	Plegaderus dissectus
Plegaderus dissectus voucher GBOL_Col_FK_4251 cyto	KM444290	80	99.08	7.35978e-46	Coleoptera	Histeridae	Plegaderus dissectus
Baetis fuscatus mitochondrial partial COI gene for	LN734687	80	99.08	7.35978e-46	Ephemeroptera	Baetidae	Baetis fuscatus
Cloeon dipterum voucher SOKN022 cytochrome c oxida	KF966551	80	99.08	7.35978e-46	Ephemeroptera	Baetidae	Cloeon dipterum
Baetis rhodani isolate CH_745580_neo cytochrome ox	KF438126	80.19	97.7	7.35978e-46	Ephemeroptera	Baetidae	Baetis rhodani
Cloeon dipterum voucher EPH02 cytochrome oxidase s	KF257125	80	99.08	7.35978e-46	Ephemeroptera	Baetidae	Cloeon dipterum
Procloeon mendax voucher BIOUG01001-B09 cytochrome	KC016374	80.19	97.7	7.35978e-46	Ephemeroptera	Baetidae	Procloeon mendax
Cloeon dipterum voucher P005 cytochrome oxidase su	KC135930	80	99.08	7.35978e-46	Ephemeroptera	Baetidae	Cloeon dipterum
Procloeon mendax voucher BIOUG<CAN>.07PROBE-2039 c	GU115535	80.19	97.7	7.35978e-46	Ephemeroptera	Baetidae	Procloeon mendax
Procloeon mendax voucher BIOUG<CAN>.07PROBE-2033 c	GU115527	80.19	97.7	7.35978e-46	Ephemeroptera	Baetidae	Procloeon mendax
Cloeon dipterum voucher BIOUG08614-H05 cytochrome	KR919452	82.54	87.1	2.56881e-45	Ephemeroptera	Baetidae	Cloeon dipterum
Procloeon viridoculare voucher BIOUG00641-H10 cyto	KR141316	79.63	99.54	2.56881e-45	Ephemeroptera	Baetidae	Procloeon viridoculare
Platybaetis sp. SAD-2014 voucher Plati1 cytochrome	KM232677	82.2	88.02	2.56881e-45	Ephemeroptera	Baetidae	Platybaetis sp. SAD-2014
Liebebiella sp. SAD-2014 voucher Lieb3 cytochrome	KM232676	82.2	88.02	2.56881e-45	Ephemeroptera	Baetidae	Liebebiella sp. SAD-2014
Liebebiella sp. SAD-2014 voucher Lieb2 cytochrome	KM232675	82.2	88.02	2.56881e-45	Ephemeroptera	Baetidae	Liebebiella sp. SAD-2014
Acentrella turbida voucher LJNY-150 cytochrome oxi	JQ663197	79.63	99.54	2.56881e-45	Ephemeroptera	Baetidae	Acentrella turbida
Acentrella turbida voucher 07GSM-5957 cytochrome o	JQ663098	79.63	99.54	2.56881e-45	Ephemeroptera	Baetidae	Acentrella turbida
Acentrella turbida voucher LJNY-188 cytochrome oxi	JQ662536	79.63	99.54	2.56881e-45	Ephemeroptera	Baetidae	Acentrella turbida
Acentrella turbida voucher 07GSM-5958 cytochrome o	JQ662315	79.63	99.54	2.56881e-45	Ephemeroptera	Baetidae	Acentrella turbida
Acentrella turbida voucher LJNY-185 cytochrome oxi	JQ662099	79.63	99.54	2.56881e-45	Ephemeroptera	Baetidae	Acentrella turbida
Acentrella turbida voucher LJNY-187 cytochrome oxi	JQ661893	79.63	99.54	2.56881e-45	Ephemeroptera	Baetidae	Acentrella turbida
Acentrella turbida voucher BIOUG<CAN>.09LJGSM-008	HQ571172	79.63	99.54	2.56881e-45	Ephemeroptera	Baetidae	Acentrella turbida
Pseudocloeon sp. BOLD:AAE0536 voucher BIOUG02691-D	KR148476	79.53	99.08	8.96605e-45	Ephemeroptera	Baetidae	Pseudocloeon sp. BOLD:AAE0536
Pseudocloeon sp. BOLD:AAE0536 voucher BIOUG02701-D	KR146828	79.53	99.08	8.96605e-45	Ephemeroptera	Baetidae	Pseudocloeon sp. BOLD:AAE0536
Lutzomyia maranonensis mitochondrial Col gene for	AB984493	81	92.17	8.96605e-45	Diptera	Psychodidae	Lutzomyia maranonensis
Lutzomyia maranonensis mitochondrial Col gene for	AB984489	81	92.17	8.96605e-45	Diptera	Psychodidae	Lutzomyia maranonensis
Lutzomyia maranonensis mitochondrial Col gene for	AB984487	81	92.17	8.96605e-45	Diptera	Psychodidae	Lutzomyia maranonensis
Plegaderus dissectus voucher BC ZSM COL 02835 cyto	KM444105	79.53	99.08	8.96605e-45	Coleoptera	Histeridae	Plegaderus dissectus
Procloeon pulchrum mitochondrial partial COI gene	LN734701	79.53	99.08	8.96605e-45	Ephemeroptera	Baetidae	Procloeon pulchrum
Cloeon dipterum voucher IGB SR12D12 cytochrome oxi	KJ631635	79.53	99.08	8.96605e-45	Ephemeroptera	Baetidae	Cloeon dipterum
Cloeon smaeleni mitochondrial partial COI gene for	HG935106	82.45	86.64	8.96605e-45	Ephemeroptera	Baetidae	Cloeon smaeleni
Pseudocloeon propinquum voucher LJNY-011 cytochrom	JQ662205	79.53	99.08	8.96605e-45	Ephemeroptera	Baetidae	Pseudocloeon propinquum
Pseudocloeon propinquum voucher 09LJ14 cytochrome	GU713865	79.53	99.08	8.96605e-45	Ephemeroptera	Baetidae	Pseudocloeon propinquum
Procloeon sp. BOLD:ACG9176 voucher BIOUG02691-G06	KR919548	79.72	97.7	3.12946e-44	Ephemeroptera	Baetidae	Procloeon sp. BOLD:ACG9176
Procloeon sp. BOLD:ACG9176 voucher BIOUG02692-B08	KR144009	79.72	97.7	3.12946e-44	Ephemeroptera	Baetidae	Procloeon sp. BOLD:ACG9176
Baetidae sp. 'Camilobaetis' gmycM28 haplotype HapM	KR134652	79.9	96.31	3.12946e-44	Ephemeroptera	Baetidae	Camelobaetidiussp. gmycM28
Baetidae sp. 'Camilobaetis' gmycM28 haplotype HapM	KR134651	79.9	96.31	3.12946e-44	Ephemeroptera	Baetidae	Camelobaetidiussp. gmycM28
Camelobaetidiussp. gmycM28 cytochrome oxidase sub	KR134650	79.9	96.31	3.12946e-44	Ephemeroptera	Baetidae	Camelobaetidiussp. gmycM28
Procloeon mendax voucher BIOUG01316-E01 cytochrome	KC016391	79.72	97.7	3.12946e-44	Ephemeroptera	Baetidae	Procloeon mendax
Procloeon mendax voucher BIOUG01316-G12 cytochrome	KC016379	79.72	97.7	3.12946e-44	Ephemeroptera	Baetidae	Procloeon mendax
Procloeon mendax voucher BIOUG01316-G10 cytochrome	KC016376	79.72	97.7	3.12946e-44	Ephemeroptera	Baetidae	Procloeon mendax
Procloeon mendax voucher BIOUG01316-H07 cytochrome	KC016375	79.72	97.7	3.12946e-44	Ephemeroptera	Baetidae	Procloeon mendax
Procloeon mendax voucher BIOUG01316-B07 cytochrome	KC016354	79.72	97.7	3.12946e-44	Ephemeroptera	Baetidae	Procloeon mendax
Hexagenia bilineata voucher BIOUG<CAN>.BIOUG00640-	JQ662134	79.26	100	3.12946e-44	Ephemeroptera	Ephemeridae	Hexagenia bilineata
Hexagenia bilineata voucher BIOUG<CAN>.BIOUG00640-	JQ661897	79.26	100	3.12946e-44	Ephemeroptera	Ephemeridae	Hexagenia bilineata
Hexagenia bilineata voucher 08INHSE-0136 cytochrom	HQ568766	79.26	100	3.12946e-44	Ephemeroptera	Ephemeridae	Hexagenia bilineata
Procloeon mendax voucher BIOUG<CAN>.07PROBE-2041 c	GU115529	79.72	97.7	3.12946e-44	Ephemeroptera	Baetidae	Procloeon mendax
Procloeon mendax voucher BIOUG<CAN>.07PROBE-2089 c	GU115526	79.72	97.7	3.12946e-44	Ephemeroptera	Baetidae	Procloeon mendax
Hexagenia bilineata voucher USA HBS_2007_000001 cy	EF467173	79.26	100	3.12946e-44	Ephemeroptera	Baetidae	Hexagenia bilineata
Baetis sp. BOLD:AAA4715 voucher BIOUG11155-A04 cyt	KR377654	79.17	99.54	1.09229e-43	Ephemeroptera	Baetidae	Baetis sp. BOLD:AAA4715
Cloeon smaeleni mitochondrial partial COI gene for	HG935105	81.91	86.64	1.09229e-43	Ephemeroptera	Baetidae	Cloeon smaeleni
Acentrella turbida voucher LJNY-183 cytochrome oxi	JQ663196	79.17	99.54	1.09229e-43	Ephemeroptera	Baetidae	Acentrella turbida
Acentrella turbida voucher 07GSM-5959 cytochrome o	JQ662783	79.17	99.54	1.09229e-43	Ephemeroptera	Baetidae	Acentrella turbida
Centroptilum sp. CA1 voucher 10-SCCWRP-6430 cytoch	JN297884	81.91	86.64	1.09229e-43	Ephemeroptera	Baetidae	Centroptilum sp. CA1
Centroptilum sp. CA1 voucher 10-SCCWRP-6429 cytoch	JN297883	81.91	86.64	1.09229e-43	Ephemeroptera	Baetidae	Centroptilum sp. CA1
Callibaetis ferrugineus voucher BIOUG<CAN>.08ABMAY	GU711465	79.17	99.54	1.09229e-43	Ephemeroptera	Baetidae	Callibaetis ferrugineus
Baetis rhodani isolate BrhVI-60 cytochrome oxidase	AY265289	79.34	98.16	1.09229e-43	Diptera	Psychodidae	Baetis rhodani
Cloeon peregrinator voucher SR23A10 cytochrome oxi	KU757122	79.07	99.08	3.81246e-43	Diptera	Psychodidae	Cloeon peregrinator
Lutzomyia maranonensis mitochondrial Col gene for	AB984491	80.5	92.17	3.81246e-43	Diptera	Psychodidae	Lutzomyia maranonensis
Lutzomyia maranonensis mitochondrial Col gene for	AB984490	80.5	92.17	3.81246e-43	Diptera	Psychodidae	Lutzomyia maranonensis
Lutzomyia maranonensis mitochondrial Col gene for	AB984488	80.5	92.17	3.81246e-43	Diptera	Psychodidae	Lutzomyia maranonensis
Cloeon dipterum voucher IGB SR12C01 cytochrome oxi	KJ631631	79.07	99.08	3.81246e-43	Ephemeroptera	Baetidae	Cloeon dipterum
Cloeon dipterum isolate GC1_100046 cytochrome oxid	KF438141	79.07	99.08	3.81246e-43	Ephemeroptera	Baetidae	Cloeon dipterum
Baetis rhodani isolate CH_745583_neo cytochrome ox	KF438128	79.25	97.7	3.81246e-43	Ephemeroptera	Baetidae	Baetis rhodani
Baetis rhodani isolate CH_745582_neo cytochrome ox	KF438127	79.25	97.7	3.81246e-43	Ephemeroptera	Baetidae	Baetis rhodani
Cloeon dipterum isolate DE_ZSM00215 cytochrome oxi	KF438134	79.07	99.08	3.81246e-43	Ephemeroptera	Baetidae	Cloeon dipterum