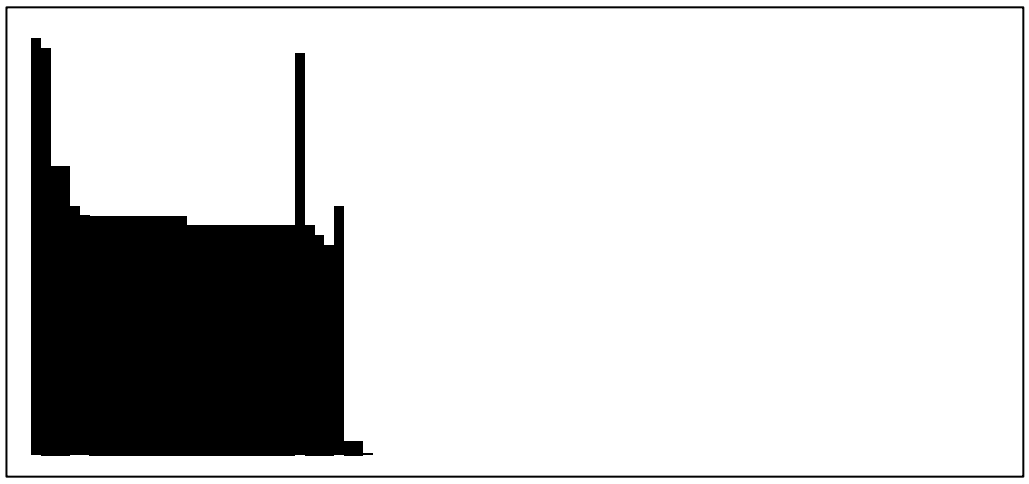
OTU_152;size=4126;.csv

Calopteryx maculata

Calopterygidae

Odonata

99.54



Calopteryx maculata cytochrome oxidase subunit 1 (	KM383849	99.54	100	6.03084e−104	Odonata	Calopterygidae	Calopteryx maculata
Rickettsia endosymbiont of Macrolophus sp. partial	HE583223	99.08	100	7.34706e−103	Rickettsiales	Rickettsiaceae	Rickettsia endosymbiont of Macrolophus sp.
Eucharitidae sp. ASEUA024−11 cytochrome oxidase su	KC182318	93.55	100	1.41957e−86	Hymenoptera	Eucharitidae	Eucharitidae sp. ASEUA024−11
Eucharitidae sp. ASEUA042−11 cytochrome oxidase su	KC182291	93.55	100	1.41957e−86	Hymenoptera	Eucharitidae	Eucharitidae sp. ASEUA042−11
Flavina sp. 1 LZ−2010 cytochrome c oxidase subunit	HM452248	91.67	99.54	1.32955e−80	Hemiptera	Issidae	Flavina sp. 1 LZ−2010
Formicidae sp. NZAC 03012775 cytochrome oxidase su	KP421783	91.24	100	1.61973e−79	Hymenoptera	Formicidae	Formicidae sp. NZAC 03012775
Hymenoptera sp. ASAHY857−14 voucher BIOUG09328−A01	KM998063	91.2	99.54	5.65341e−79	Hymenoptera		Hymenoptera sp. ASAHY857−14
Hymenoptera sp. ASAHY869−14 voucher BIOUG09328−B01	KM997940	91.2	99.54	5.65341e−79	Hymenoptera		Hymenoptera sp. ASAHY869−14
Hymenoptera sp. ASAHY950−14 voucher BIOUG09328−H10	KM997906	91.2	99.54	5.65341e−79	Hymenoptera		Hymenoptera sp. ASAHY950−14
Hymenoptera sp. ASAHY912−14 voucher BIOUG09328−E08	KM997401	91.2	99.54	5.65341e−79	Hymenoptera		Hymenoptera sp. ASAHY912−14
Hymenoptera sp. ASAHY861−14 voucher BIOUG09328−A05	KM996859	91.2	99.54	5.65341e−79	Hymenoptera		Hymenoptera sp. ASAHY861−14
Hymenoptera sp. ASAHY844−13 voucher BIOUG07488−G11	KM996857	91.2	99.54	5.65341e−79	Hymenoptera		Hymenoptera sp. ASAHY844−13
Hymenoptera sp. ASAHY946−14 voucher BIOUG09328−H06	KM996197	91.2	99.54	5.65341e−79	Hymenoptera		Hymenoptera sp. ASAHY946−14
Hymenoptera sp. ASAHY926−14 voucher BIOUG09328−F10	KM995931	91.2	99.54	5.65341e−79	Hymenoptera		Hymenoptera sp. ASAHY926−14
Hymenoptera sp. NZAC 03011947 cytochrome oxidase s	KP421136	91.2	99.54	5.65341e−79	Hymenoptera		Hymenoptera sp. NZAC 03011947
Mycetophila lunata cytochrome oxidase subunit I (C	KM679400	91.2	99.54	5.65341e−79	Diptera	Mycetophilidae	Mycetophila lunata
Paracalliope fluviatilis haplotype PfH84 cytochrom	KR336948	90.78	100	1.97323e−78	Amphipoda	Paracalliopiidae	Paracalliope fluviatilis
Paracalliope fluviatilis haplotype PfH83 cytochrom	KR336947	90.78	100	1.97323e−78	Amphipoda	Paracalliopiidae	Paracalliope fluviatilis
Paracalliope fluviatilis haplotype PfH82 cytochrom	KR336946	90.78	100	1.97323e−78	Amphipoda	Paracalliopiidae	Paracalliope fluviatilis
Paracalliope fluviatilis haplotype PfH81 cytochrom	KR336945	90.78	100	1.97323e−78	Amphipoda	Paracalliopiidae	Paracalliope fluviatilis
Paracalliope fluviatilis haplotype PfH79 cytochrom	KR336943	90.78	100	1.97323e−78	Amphipoda	Paracalliopiidae	Paracalliope fluviatilis
Paracalliope fluviatilis haplotype PfH65 cytochrom	KR336929	90.78	100	1.97323e−78	Amphipoda	Paracalliopiidae	Paracalliope fluviatilis
Paracalliope fluviatilis haplotype PfH64 cytochrom	KR336928	90.78	100	1.97323e−78	Amphipoda	Paracalliopiidae	Paracalliope fluviatilis
Paracalliope fluviatilis haplotype PfH61 cytochrom	KR336925	90.78	100	1.97323e−78	Amphipoda	Paracalliopiidae	Paracalliope fluviatilis
Paracalliope fluviatilis haplotype PfH60 cytochrom	KR336924	90.78	100	1.97323e−78	Amphipoda	Paracalliopiidae	Paracalliope fluviatilis
Paracalliope fluviatilis haplotype PfH59 cytochrom	KR336923	90.78	100	1.97323e−78	Amphipoda	Paracalliopiidae	Paracalliope fluviatilis
Paracalliope fluviatilis haplotype PfH58 cytochrom	KR336922	90.78	100	1.97323e−78	Amphipoda	Paracalliopiidae	Paracalliope fluviatilis
Hymenoptera sp. SSWLD2149−13 voucher BIOUG06368−A0	KM562170	98.84	79.26	1.97323e−78	Hymenoptera		Hymenoptera sp. SSWLD2149−13
Endopterygota sp. NZAC 03009225 cytochrome oxidase	KP422277	90.78	100	1.97323e−78			Endopterygota sp. NZAC 03009225
Paracalliope fluviatilis haplotype PfH80 cytochrom	KR336944	90.32	100	8.3904e−77	Amphipoda	Paracalliopiidae	Paracalliope fluviatilis
Hymenoptera sp. NZAC 03011268 cytochrome oxidase s	KP421611	89.86	100	1.02216e−75	Hymenoptera		Hymenoptera sp. NZAC 03011268
Uncultured Rickettsia sp. cytochrome oxidase subun	KF005604	91.67	82.95	7.36005e−65	Rickettsiales	Rickettsiaceae	uncultured Rickettsia sp.
Hymenoptera sp. BOLD:ACE5209 voucher BIOUG04529−H1	KM568038	80.66	97.7	6.04684e−47	Hymenoptera		Hymenoptera sp. BOLD:ACE5209
Hymenoptera sp. BOLD:ACE5209 voucher BIOUG03191−B0	KM565576	80.66	97.7	6.04684e−47	Hymenoptera		Hymenoptera sp. BOLD:ACE5209
Protopolystoma xenopodis genome assembly P_xenopod	LM749305	80.09	99.54	2.11055e−46	Polyopisthocotylea	Polystomatidae	Protopolystoma xenopodis
Chironomidae sp. SSJAB388−13 voucher BIOUG05293−C1	KM966683	79.17	99.54	3.13234e−44	Diptera	Chironomidae	Chironomidae sp. SSJAB388−13
Rickettsia endosymbiont of Macrolophus pygmaeus pa	HE583222	77.93	97.7	3.574e−37	Rickettsiales	Rickettsiaceae	Rickettsia endosymbiont of Macrolophus pygmaeus
Rickettsia bellii OSU 85−389, complete genome	CP000849	76.89	97.7	4.35402e−36	Rickettsiales	Rickettsiaceae	Rickettsia bellii OSU 85−389
Rickettsia bellii RML369−C, complete genome	CP000087	76.89	97.7	4.35402e−36	Rickettsiales	Rickettsiaceae	Rickettsia bellii RML369−C
Rickettsia canadensis str. CA410, complete genome	CP003304	76.53	98.16	1.5197e−35	Rickettsiales	Rickettsiaceae	Rickettsia canadensis str. CA410
Rickettsia canadensis str. McKiel, complete genome	CP000409	76.53	98.16	1.5197e−35	Rickettsiales	Rickettsiaceae	Rickettsia canadensis str. McKiel
Hymenoptera sp. CNRMF043−12 voucher BIOUG03796−H08	KM561203	76.44	95.85	6.46194e−34	Hymenoptera		Hymenoptera sp. CNRMF043−12
Scopelocheirus schellenbergi clone SS1_BsaBI_3 cyt	AY830438	77.08	88.48	2.74769e−32	Amphipoda	Lysianassidae	Scopelocheirus schellenbergi
Rickettsia monacensis, strain IrR/Munich, complete	LN794217	75.12	98.16	3.34737e−31	Rickettsiales	Rickettsiaceae	Rickettsia monacensis
Rickettsia felis URRWXCal2, complete genome	CP000053	74.65	98.16	4.07793e−30	Rickettsiales	Rickettsiaceae	Rickettsia felis URRWXCal2
Rickettsia australis str. Cutlack, complete genome	CP003338	74.53	97.7	1.42334e−29	Rickettsiales	Rickettsiaceae	Rickettsia australis str. Cutlack
Rickettsia endosymbiont of Lasioglossum zonulum is	KP183257	78.18	76.04	1.73398e−28	Rickettsiales	Rickettsiaceae	Rickettsia endosymbiont of Lasioglossum zonulum
Rickettsia akari str. Hartford, complete genome	CP000847	74.06	97.7	6.05218e−28	Rickettsiales	Rickettsiaceae	Rickettsia akari str. Hartford
Rickettsia rhipicephali strain HJ#5, complete geno	CP013133	73.71	98.16	2.11242e−27	Rickettsiales	Rickettsiaceae	Rickettsia rhipicephali
Rickettsia rhipicephali str. 3−7−female6−CWPP, com	CP003342	73.71	98.16	2.11242e−27	Rickettsiales	Rickettsiaceae	Rickettsia rhipicephali str. 3−7−female6−CWPP
Rickettsia endosymbiont of Lasioglossum semilucens	KP183258	77.44	75.58	2.57345e−26	Rickettsiales	Rickettsiaceae	Rickettsia endosymbiont of Lasioglossum semilucens
Candidatus Rickettsia amblyommii strain Ac37, comp	CP012420	75	86.64	8.98223e−26	Rickettsiales	Rickettsiaceae	Candidatus Rickettsia amblyommii
Rickettsia endosymbiont of Lasioglossum laticeps i	KP183262	77.85	72.81	8.98223e−26	Rickettsiales	Rickettsiaceae	Rickettsia endosymbiont of Lasioglossum laticeps
Rickettsia endosymbiont of Halictus subauratus iso	KP183261	77.85	72.81	8.98223e−26	Rickettsiales	Rickettsiaceae	Rickettsia endosymbiont of Halictus subauratus
Rickettsia raoultii strain Khabarovsk genome	CP010969	75	86.64	8.98223e−26	Rickettsiales	Rickettsiaceae	Rickettsia raoultii
Candidatus Rickettsia amblyommii str. GAT−30V, com	CP003334	75	86.64	8.98223e−26	Rickettsiales	Rickettsiaceae	Candidatus Rickettsia amblyommii str. GAT−30V
Rickettsia japonica YH DNA, complete genome	AP011533	75	86.64	8.98223e−26	Rickettsiales	Rickettsiaceae	Rickettsia japonica YH
Secondary symbiont of Sitobion miscanthi clone Zho	HQ645970	73.27	100	8.98223e−26	Rickettsiales	Rickettsiaceae	secondary symbiont of Sitobion miscanthi
Rickettsia heilongjiangensis 054, complete genome	CP002912	75	86.64	8.98223e−26	Rickettsiales	Rickettsiaceae	Rickettsia heilongjiangensis 054
Rickettsia rickettsii str. Morgan, complete genome	CP006010	74.47	86.64	1.09426e−24	Rickettsiales	Rickettsiaceae	Rickettsia rickettsii str. Morgan
Rickettsia rickettsii str. R, complete genome	CP006009	74.47	86.64	1.09426e−24	Rickettsiales	Rickettsiaceae	Rickettsia rickettsii str. R
Rickettsia rickettsii str. Iowa, complete genome	CP000766	74.47	86.64	1.09426e−24	Rickettsiales	Rickettsiaceae	Rickettsia rickettsii str. Iowa
Rickettsia slovaca str. D−CWPP, complete genome	CP003375	74.47	86.64	1.09426e−24	Rickettsiales	Rickettsiaceae	Rickettsia slovaca str. D−CWPP
Rickettsia parkeri str. Portsmouth, complete genom	CP003341	74.47	86.64	1.09426e−24	Rickettsiales	Rickettsiaceae	Rickettsia parkeri str. Portsmouth
Rickettsia montanensis str. OSU 85−930, complete g	CP003340	74.47	86.64	1.09426e−24	Rickettsiales	Rickettsiaceae	Rickettsia montanensis str. OSU 85−930
Rickettsia massiliae str. AZT80, complete genome	CP003319	74.47	86.64	1.09426e−24	Rickettsiales	Rickettsiaceae	Rickettsia massiliae str. AZT80
Rickettsia rickettsii str. Hauke, complete genome	CP003318	74.47	86.64	1.09426e−24	Rickettsiales	Rickettsiaceae	Rickettsia rickettsii str. Hauke
Rickettsia rickettsii str. Hlp#2, complete genome	CP003311	74.47	86.64	1.09426e−24	Rickettsiales	Rickettsiaceae	Rickettsia rickettsii str. Hlp#2
Rickettsia rickettsii str. Hino, complete genome	CP003309	74.47	86.64	1.09426e−24	Rickettsiales	Rickettsiaceae	Rickettsia rickettsii str. Hino
Rickettsia philipii str. 364D, complete genome	CP003308	74.47	86.64	1.09426e−24	Rickettsiales	Rickettsiaceae	Rickettsia philipii str. 364D
Rickettsia rickettsii str. Arizona, complete genom	CP003307	74.47	86.64	1.09426e−24	Rickettsiales	Rickettsiaceae	Rickettsia rickettsii str. Arizona
Rickettsia rickettsii str. Colombia, complete geno	CP003306	74.47	86.64	1.09426e−24	Rickettsiales	Rickettsiaceae	Rickettsia rickettsii str. Colombia
Rickettsia rickettsii str. Brazil, complete genome	CP003305	74.47	86.64	1.09426e−24	Rickettsiales	Rickettsiaceae	Rickettsia rickettsii str. Brazil
Rickettsia slovaca 13−B, complete genome	CP002428	74.47	86.64	1.09426e−24	Rickettsiales	Rickettsiaceae	Rickettsia slovaca 13−B
Rickettsia peacockii str. Rustic, complete genome	CP001227	74.47	86.64	1.09426e−24	Rickettsiales	Rickettsiaceae	Rickettsia peacockii str. Rustic
Rickettsia africae ESF−5, complete genome	CP001612	74.47	86.64	1.09426e−24	Rickettsiales	Rickettsiaceae	Rickettsia africae ESF−5
Rickettsia massiliae MTU5, complete genome	CP000683	74.47	86.64	1.09426e−24	Rickettsiales	Rickettsiaceae	Rickettsia massiliae MTU5
Rickettsia rickettsii str. 'Sheila Smith', complet	CP000848	74.47	86.64	1.09426e−24	Rickettsiales	Rickettsiaceae	Rickettsia rickettsii str. 'Sheila Smith'
Hyomesalges sp. AD1028 cytochrome oxidase subunit	KF891925	75.57	80.18	4.65291e−23	Astigmata	Psoroptoididae	Hyomesalges sp. AD1028
Rickettsia conorii str. Malish 7, complete genome	AE006914	73.94	86.64	4.65291e−23	Rickettsiales	Rickettsiaceae	Rickettsia conorii str. Malish 7
Onychalges pachyspathus voucher UMMZ BMOC 10−0503−	KP406751	74.57	79.72	5.66841e−22	Astigmata	Pyroglyphidae	Onychalges pachyspathus
Paralgopsis sp. PBK−2015 cytochrome oxidase subuni	KP406746	75.31	74.65	5.66841e−22	Astigmata	Pyroglyphidae	Paralgopsis sp. PBK−2015
Proctophyllodes pinnatus voucher 320_C cytochrome	KP193651	74.57	79.72	5.66841e−22	Astigmata	Proctophyllodidae	Proctophyllodes pinnatus
Proctophyllodes pinnatus voucher 323_C cytochrome	KP193649	74.57	79.72	5.66841e−22	Astigmata	Proctophyllodidae	Proctophyllodes pinnatus
Proctophyllodes pinnatus voucher 73_C cytochrome o	KP193634	74.57	79.72	5.66841e−22	Astigmata	Proctophyllodidae	Proctophyllodes pinnatus
Acanthodendrilla australis voucher 040313−18 cytoc	KJ546368	74.29	80.65	1.97847e−21	Dendroceratida	Dictyodendrillidae	Acanthodendrilla australis
Acanthodendrilla australis isolate G304698 cytochr	JQ082784	74.29	80.65	1.97847e−21	Dendroceratida	Dictyodendrillidae	Acanthodendrilla australis
Trouessartia swidwiensis voucher 366_C cytochrome	KP193813	74.58	79.72	6.90553e−21	Astigmata	Trouessartiidae	Trouessartia swidwiensis
Caloglyphus berlesei mitochondrion, complete genom	KF499016	76.51	68.66	6.90553e−21	Astigmata	Acaridae	Caloglyphus berlesei
Citronia vasiformis isolate G304694 cytochrome oxi	JQ082801	72.36	91.71	6.90553e−21	Dictyoceratida	Dysideidae	Citronia vasiformis
Arachnida sp. BOLD:ACL9482 voucher BIOUG10413−C10	KR099536	72.97	85.25	2.41027e−20			Arachnida sp. BOLD:ACL9482
Arachnida sp. BOLD:ACL9482 voucher BIOUG10299−G11	KR099335	72.97	85.25	2.41027e−20			Arachnida sp. BOLD:ACL9482
Proctophyllodes neopinnatus voucher 81_C cytochrom	KP193623	73.99	79.72	2.41027e−20	Astigmata	Proctophyllodidae	Proctophyllodes neopinnatus
Proctophyllodes serini isolate 1364 cytochrome c o	KT025511	74.25	76.96	8.41266e−20	Astigmata	Proctophyllodidae	Proctophyllodes serini
Trouessartia tenuipilata voucher 787_C cytochrome	KP193816	75.66	70.05	8.41266e−20	Astigmata	Trouessartiidae	Trouessartia tenuipilata
Trouessartia tenuipilata voucher 788_C cytochrome	KP193815	75.66	70.05	8.41266e−20	Astigmata	Trouessartiidae	Trouessartia tenuipilata
Trouessartia tenuipilata voucher 789_C cytochrome	KP193814	75.66	70.05	8.41266e−20	Astigmata	Trouessartiidae	Trouessartia tenuipilata
Proctophyllodes stylifer voucher 480_C cytochrome	KP193715	73.56	80.18	8.41266e−20	Astigmata	Proctophyllodidae	Proctophyllodes stylifer
Montesauria cylindrica voucher 655_C cytochrome ox	KP193488	74.69	74.65	8.41266e−20	Astigmata	Proctophyllodidae	Montesauria cylindrica
Sarcoptiformes sp. BOLD:ACN1201 voucher BIOUG12267	KR100935	74.85	74.65	2.93631e−19			Sarcoptiformes sp. BOLD:ACN1201