

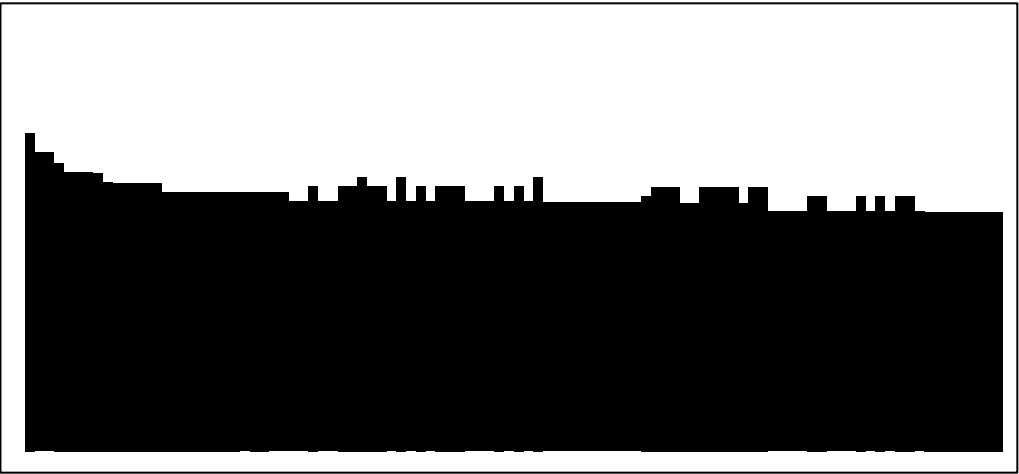
OTU_36;size=192562;.csv

Agabus picotae

Dytiscidae

Coleoptera

94.93



Agabus picotae mitochondrial partial COI gene for	HF947928	94.93	100	2.24947e-90	Coleoptera	Dytiscidae	Agabus picotae
Agabus conspersus voucher BC ZSM COLA_00477 cytoch	KM451781	94.01	100	1.16525e-87	Coleoptera	Dytiscidae	Agabus conspersus
Agabus conspersus voucher BCZSM_COLA_0998 cytochro	KM443117	94.01	100	1.16525e-87	Coleoptera	Dytiscidae	Agabus conspersus
Agabus nebulosus voucher BCZSMAQU00956 cytochrome	KM439368	93.52	99.54	4.95479e-86	Coleoptera	Dytiscidae	Agabus nebulosus
Agabus guttatus voucher ZMUO<FIN>:007368 cytochrom	KJ966742	93.09	100	6.03617e-85	Coleoptera	Dytiscidae	Agabus guttatus
Agabus guttatus voucher ZMUO<FIN>:006893 cytochrom	KJ961776	93.09	100	6.03617e-85	Coleoptera	Dytiscidae	Agabus guttatus
Agabus guttatus voucher ZMUO<FIN>:002469 cytochrom	KJ967205	93.09	100	6.03617e-85	Coleoptera	Dytiscidae	Agabus guttatus
Amara spreta voucher GBOL_Col_FK_8326 cytochrome o	KM443876	93.06	99.54	2.10683e-84	Coleoptera	Carabidae	Amara spreta
Amara erratica voucher ZMUO<FIN>:006029 cytochrome	KJ966745	92.63	100	7.35356e-84	Coleoptera	Carabidae	Amara erratica
Dicheirotrichus placidus voucher ZMUO<FIN>:001006	KJ967095	92.59	99.54	2.56664e-83	Coleoptera	Carabidae	Dicheirotrichus placidus
Dicheirotrichus placidus voucher ZMUO<FIN>:001710	KJ965438	92.59	99.54	2.56664e-83	Coleoptera	Carabidae	Dicheirotrichus placidus
Dicheirotrichus placidus voucher ZMUO<FIN>:004449	KJ965238	92.59	99.54	2.56664e-83	Coleoptera	Carabidae	Dicheirotrichus placidus
Dicheirotrichus placidus voucher MP00157 cytochrom	HM909049	92.59	99.54	2.56664e-83	Coleoptera	Carabidae	Dicheirotrichus placidus
Agabus bipustulatus voucher ZMUO<FIN>:004294 cytoc	KJ962022	92.59	99.54	2.56664e-83	Coleoptera	Dytiscidae	Agabus bipustulatus
Amara erratica voucher GBOL_Col_FK_6507 cytochrome	KM449493	92.17	100	3.12681e-82	Coleoptera	Carabidae	Amara erratica
Amara erratica voucher GBOL_Col_FK_6655 cytochrome	KM446941	92.17	100	3.12681e-82	Coleoptera	Carabidae	Amara erratica
Amara erratica voucher GBOL_Col_FK_6508 cytochrome	KM446356	92.17	100	3.12681e-82	Coleoptera	Carabidae	Amara erratica
Amara erratica voucher GBOL_Col_FK_6941 cytochrome	KM445310	92.17	100	3.12681e-82	Coleoptera	Carabidae	Amara erratica
Amara erratica voucher GBOL_Col_FK_6413 cytochrome	KM439719	92.17	100	3.12681e-82	Coleoptera	Carabidae	Amara erratica
Amara erratica voucher GBOL_Col_FK_6858 cytochrome	KM439710	92.17	100	3.12681e-82	Coleoptera	Carabidae	Amara erratica
Amara erratica voucher ZMUO<FIN>:006003 cytochrome	KJ962460	92.17	100	3.12681e-82	Coleoptera	Carabidae	Amara erratica
Amara erratica voucher ZMUO<FIN>:006914 cytochrome	KJ962288	92.17	100	3.12681e-82	Coleoptera	Carabidae	Amara erratica
Agabus bipustulatus voucher MP00405 cytochrome oxi	HQ559253	92.13	99.54	3.12681e-82	Coleoptera	Dytiscidae	Agabus bipustulatus
Amara erratica voucher ZFMK_COL_2009_556 cytochrom	GU347048	92.17	100	3.12681e-82	Coleoptera	Carabidae	Amara erratica
Amara erratica voucher ZFMK_COL_2009_553 cytochrom	GU347044	92.17	100	3.12681e-82	Coleoptera	Carabidae	Amara erratica
Platynus hypolithos voucher 08SOCOL-0463 cytochrom	KR489028	92.13	99.54	1.09136e-81	Coleoptera	Carabidae	Platynus hypolithos
Dicheirotrichus cognatus voucher ZMUO<FIN>:002428	KJ964104	92.13	99.54	1.09136e-81	Coleoptera	Carabidae	Dicheirotrichus cognatus
Amara lunicollis voucher BIOUG03888-C04 cytochrome	KM842455	91.71	100	3.80924e-81	Coleoptera	Carabidae	Amara lunicollis
Prodaticus exclamationis cytochrome oxidase subuni	KP280116	91.71	100	3.80924e-81	Coleoptera	Dytiscidae	Prodaticus exclamationis
Amara curta voucher GBOL_Col_FK_6509 cytochrome ox	KM448681	92.45	97.7	3.80924e-81	Coleoptera	Carabidae	Amara curta
Ophonus laticollis voucher BCZSM_COLA_01652 cytoch	KM447224	91.71	100	3.80924e-81	Coleoptera	Carabidae	Ophonus laticollis
Ophonus laticollis voucher BCZSM_COLA_01651 cytoch	KM446783	91.71	100	3.80924e-81	Coleoptera	Carabidae	Ophonus laticollis
Amara curta voucher ZSM_COLA_2011_299 cytochrome o	KM445114	92.45	97.7	3.80924e-81	Coleoptera	Carabidae	Amara curta
Amara plebeja voucher BFB_Col_FK_12419 cytochrome	KM444914	92.45	97.7	3.80924e-81	Coleoptera	Carabidae	Amara plebeja
Carabus auronitens voucher BFB_Col_FK_4653 cytochr	KM444466	92.86	96.77	3.80924e-81	Coleoptera	Carabidae	Carabus auronitens
Amara plebeja voucher BFB_Col_FK_11599 cytochrome	KM443830	92.45	97.7	3.80924e-81	Coleoptera	Carabidae	Amara plebeja
Amara convexior voucher GBOL_Col_FK_2843 cytochrom	KM440766	92.45	97.7	3.80924e-81	Coleoptera	Carabidae	Amara convexior
Ophonus laticollis voucher BCZSM_COLA_1042 cytochr	KM440527	91.71	100	3.80924e-81	Coleoptera	Carabidae	Ophonus laticollis
Carabus auronitens voucher BFB_Col_FK_4886 cytochr	KM439372	92.86	96.77	3.80924e-81	Coleoptera	Carabidae	Carabus auronitens
Agabus paludosus voucher ZMUO<FIN>:004785 cytochro	KJ967101	91.71	100	3.80924e-81	Coleoptera	Dytiscidae	Agabus paludosus
Amara plebeja voucher ZMUO<FIN>:004878 cytochrome	KJ966005	92.45	97.7	3.80924e-81	Coleoptera	Carabidae	Amara plebeja
Amara famelica voucher ZMUO<FIN>:004394 cytochrome	KJ965680	91.71	100	3.80924e-81	Coleoptera	Carabidae	Amara famelica
Amara famelica voucher ZMUO<FIN>:006703 cytochrome	KJ963389	92.45	97.7	3.80924e-81	Coleoptera	Carabidae	Amara famelica
Amara plebeja voucher ZMUO<FIN>:006952 cytochrome	KJ963109	92.45	97.7	3.80924e-81	Coleoptera	Carabidae	Amara plebeja
Amara plebeja voucher ZMUO<FIN>:006953 cytochrome	KJ961745	92.45	97.7	3.80924e-81	Coleoptera	Carabidae	Amara plebeja
Agabus aff. bifarius CHU2 voucher JBWM0255920 cyto	KJ203605	91.71	100	3.80924e-81	Coleoptera	Dytiscidae	Agabus aff. bifarius CHU2
Agabus aff. bifarius CHU2 voucher Church 0034 cyto	KJ203435	91.71	100	3.80924e-81	Coleoptera	Dytiscidae	Agabus aff. bifarius CHU2
Amara lunicollis voucher NEONTcarabid1724 cytochro	JX259774	91.71	100	3.80924e-81	Coleoptera	Carabidae	Amara lunicollis
Carabidae sp. BOLD:AAC6361 voucher NEONTcarabid656	JX260498	92.45	97.7	3.80924e-81	Coleoptera	Carabidae	Carabidae sp. BOLD:AAC6361
Calleida viridis voucher NEONTcarabid376 cytochrom	JX259813	91.71	100	3.80924e-81	Coleoptera	Carabidae	Calleida viridis
Amara curta voucher ZSM_COLA_2011_291 cytochrome o	KM441725	92.45	97.7	3.80924e-81	Coleoptera	Carabidae	Amara curta
Ophonus laticollis voucher BFB_Col_FK_11654 cytoch	KM443650	91.71	100	3.80924e-81	Coleoptera	Carabidae	Ophonus laticollis
Carabus auronitens voucher ZFMK_COL_2009_544 cytoc	GU347141	92.86	96.77	3.80924e-81	Coleoptera	Carabidae	Carabus auronitens
Agabus leptapsis voucher BIOUG10668-A05 cytochrome	KR120889	91.67	99.54	1.32955e-80	Coleoptera	Dytiscidae	Agabus leptapsis
Dicheirotrichus cognatus voucher zmuc00023510 cyto	KT959791	91.67	99.54	1.32955e-80	Coleoptera	Carabidae	Dicheirotrichus cognatus
Dicheirotrichus cognatus voucher zmuc00023509 cyto	KT959713	91.67	99.54	1.32955e-80	Coleoptera	Carabidae	Dicheirotrichus cognatus
Harpalus sp. BOLD:AAC8322 voucher BIOUG04181-G01 c	KM846693	91.67	99.54	1.32955e-80	Coleoptera	Carabidae	Harpalus sp. BOLD:AAC8322
Agabus aff. bifarius CHU1 voucher CHU06-COL1-413 c	KJ203469	91.67	99.54	1.32955e-80	Coleoptera	Dytiscidae	Agabus aff. bifarius CHU1
Harpalus sp. BOLD:AAV5130 voucher NEONTcarabid597	JX260699	91.67	99.54	1.32955e-80	Coleoptera	Carabidae	Harpalus sp. BOLD:AAV5130
Amara sp. 1 CMG-2012 voucher NEONTcarabid879 cytoc	JX260489	91.67	99.54	1.32955e-80	Coleoptera	Carabidae	Amara sp. 1 CMG-2012
Harpalus opacipennis voucher NEONTcarabid330 cytoc	JX260051	91.67	99.54	1.32955e-80	Coleoptera	Carabidae	Harpalus opacipennis
Carabus jankowskii isolate P091 cytochrome oxidase	AY840932	91.67	99.54	1.32955e-80	Coleoptera	Carabidae	Carabus jankowskii
Carabus jankowskii isolate P083 cytochrome oxidase	AY840930	91.67	99.54	1.32955e-80	Coleoptera	Carabidae	Carabus jankowskii
Amara convexior voucher BFB_Col_FK_5048 cytochrome	KM444578	91.98	97.7	4.6406e-80	Coleoptera	Carabidae	Amara convexior
Carabus auronitens voucher ZSM_COLA_2011_373 cytoc	KM442432	92.38	96.77	4.6406e-80	Coleoptera	Carabidae	Carabus auronitens
Carabus auronitens voucher ZSM_COLA_2011_374 cytoc	KM442178	92.38	96.77	4.6406e-80	Coleoptera	Carabidae	Carabus auronitens
Carabus auronitens voucher GBOL_Col_FK_7018 cytoch	KM441006	92.38	96.77	4.6406e-80	Coleoptera	Carabidae	Carabus auronitens
Carabus depressus voucher GBOL_Col_FK_6546 cytochr	KM440470	91.63	99.08	4.6406e-80	Coleoptera	Carabidae	Carabus depressus
Carabus depressus voucher GBOL_Col_FK_6887 cytochr	KM439236	91.63	99.08	4.6406e-80	Coleoptera	Carabidae	Carabus depressus
Amara municipalis voucher ZMUO<FIN>:005098 cytochr	KJ964743	92.38	96.77	4.6406e-80	Coleoptera	Carabidae	Amara municipalis
Amara municipalis voucher ZMUO<FIN>:004879 cytochr	KJ961769	92.38	96.77	4.6406e-80	Coleoptera	Carabidae	Amara municipalis
Carabus auronitens auronitens voucher JRAS03779_01	KJ158787	92.38	96.77	4.6406e-80	Coleoptera	Carabidae	Carabus auronitens auronitens
Amara sp. CHU1 voucher CHU06-COL-207 cytochrome ox	KJ202696	92.38	96.77	4.6406e-80	Coleoptera	Carabidae	Amara sp. CHU1
Carabus depressus depressus voucher CC00494 cytoch	JQ646530	91.63	99.08	4.6406e-80	Coleoptera	Carabidae	Carabus depressus depressus
Carabus auronitens voucher ZFMK_COL_2008_51 cytoch	GU347140	92.38	96.77	4.6406e-80	Coleoptera	Carabidae	Carabus auronitens
Carabus auronitens voucher ZFMK_COL_2008_52 cytoch	GU347142	92.38	96.77	4.6406e-80	Coleoptera	Carabidae	Carabus auronitens
Amara littoralis voucher 08SOCOL-0458 cytochrome o	KR484370	91.24	100	1.61973e-79	Coleoptera	Carabidae	Amara littoralis
Amara littoralis voucher 08SOCOL-0457 cytochrome o	KR482945	91.24	100	1.61973e-79	Coleoptera	Carabidae	Amara littoralis
Carabidae sp. BOLD:AAJ5377 voucher BIOUG13934-E10	KR490115	91.24	100	1.61973e-79	Coleoptera	Carabidae	Carabidae sp. BOLD:AAJ5377
Amara ovata voucher BFB_Col_FK_5046 cytochrome oxi	KM451142	91.24	100	1.61973e-79	Coleoptera	Carabidae	Amara ovata
Agabus melanarius voucher GBOL02450 cytochrome oxi	KM448977	91.98	97.7	1.61973e-79	Coleoptera	Dytiscidae	Agabus melanarius
Agabus melanarius voucher GBOL02447 cytochrome oxi	KM442616	91.98	97.7	1.61973e-79	Coleoptera	Dytiscidae	Agabus melanarius
Ophonus laticollis voucher BFB_Col_FK_11655 cytoch	KM441706	91.24	100	1.61973e-79	Coleoptera	Carabidae	Ophonus laticollis
Amara famelica voucher ZMUO<FIN>:004861 cytochrome	KJ965327	91.24	100	1.61973e-79	Coleoptera	Carabidae	Amara famelica
Amara eurynota voucher ZMUO<FIN>:005097 cytochrome	KJ964361	91.24	100	1.61973e-79	Coleoptera	Carabidae	Amara eurynota
Amara communis voucher ZMUO<FIN>:000388 cytochrome	KJ963927	91.98	97.7	1.61973e-79	Coleoptera	Carabidae	Amara communis
Amara lunicollis voucher NEONTcarabid1721 cytochro	JX259776	91.24	100	1.61973e-79	Coleoptera	Carabidae	Amara lunicollis
Agabus melanarius voucher BCZSMAQU00955 cytochrome	KM445077	91.98	97.7	1.61973e-79	Coleoptera	Dytiscidae	Agabus melanarius
Amara ovata voucher ZMUO<FIN>:000496 cytochrome ox	KJ962941	91.24	100	1.61973e-79	Coleoptera	Carabidae	Amara ovata
Dicheirotrichus gustavii voucher ZFMK_COL_2008_32	GU347176	91.98	97.7	1.61973e-79	Coleoptera	Carabidae	Dicheirotrichus gustavii
Dicheirotrichus gustavii voucher ZFMK_COL_2008_28	GU347172	91.98	97.7	1.61973e-79	Coleoptera	Carabidae	Dicheirotrichus gustavii
Amara ovata cytochrome oxidase c subunit I gene, p	EU710782	91.24	100	1.61973e-79	Coleoptera	Carabidae	Amara ovata
Harpalinae sp. BOLD:AAV5222 voucher BIOUG16078-A08	KR487265	91.2	99.54	5.65341e-79	Coleoptera	Carabidae	Harpalinae sp. BOLD:AAV5222
Dicheirotrichus cognatus voucher zmuc00023508 cyto	KT959840	91.2	99.54	5.65341e-79	Coleoptera	Carabidae	Dicheirotrichus cognatus
Agabus uliginosus voucher BC ZSM COLA_00753 cytoch	KM447227	91.2	99.54	5.65341e-79	Coleoptera	Dytiscidae	Agabus uliginosus
Amara tricuspidata voucher BCZSM_COLA_01437 cytoch	KM444690	91.2	99.54	5.65341e-79	Coleoptera	Carabidae	Amara tricuspidata
Agabus uliginosus voucher ZMUO<FIN>:001097 cytochr	KJ962462	91.2	99.54	5.65341e-79	Coleoptera	Dytiscidae	Agabus uliginosus
Agabus tristis isolate 20279-6At cytochrome oxidas	KF000229	91.2	99.54	5.65341e-79	Coleoptera	Dytiscidae	Agabus tristis
Agabus tristis isolate 9G-20117-3G cytochrome oxid	KF000103	91.2	99.54	5.65341e-79	Coleoptera	Dytiscidae	Agabus tristis
Prodaticus lativittis voucher UNM:KBMHyIv417 cytoc	FJ796601	91.2	99.54	5.65341e-79	Coleoptera	Dytiscidae	Prodaticus lativittis