

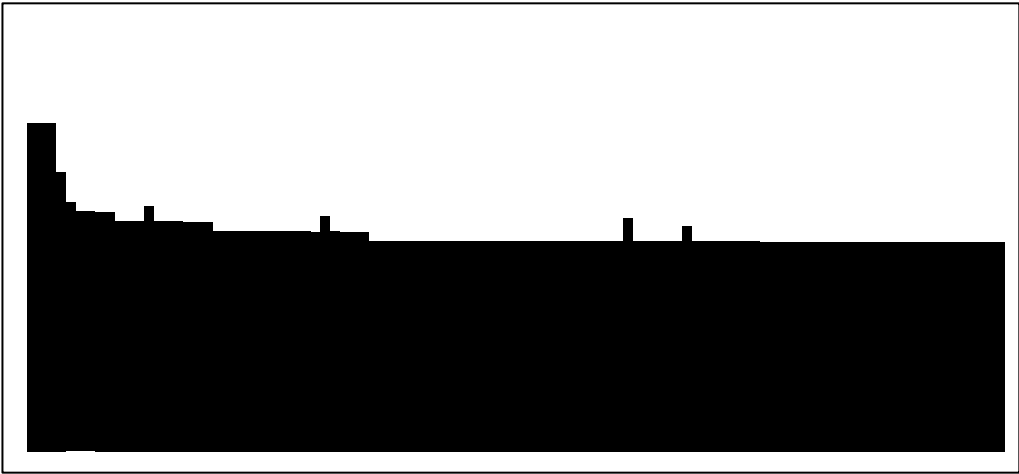
OTU_229;size=1136;.csv

Agabus guttatus

Dytiscidae

Coleoptera

95.39



Agabus guttatus voucher ZMUO<FIN>:007368 cytochrom	KJ966742	95.39	100	5.28538e-92	Coleoptera	Dytiscidae	Agabus guttatus
Agabus guttatus voucher ZMUO<FIN>:006893 cytochrom	KJ961776	95.39	100	5.28538e-92	Coleoptera	Dytiscidae	Agabus guttatus
Agabus guttatus voucher ZMUO<FIN>:002469 cytochrom	KJ967205	95.39	100	5.28538e-92	Coleoptera	Dytiscidae	Agabus guttatus
Agabus picotae mitochondrial partial COI gene for	HF947928	93.09	100	6.03061e-85	Coleoptera	Dytiscidae	Agabus picotae
Agabus nebulosus voucher BCZSMAQU00956 cytochrome	KM439368	91.67	99.54	1.32833e-80	Coleoptera	Dytiscidae	Agabus nebulosus
Agabus conspersus voucher BC ZSM COLA 00477 cytoch	KM451781	91.24	100	1.61824e-79	Coleoptera	Dytiscidae	Agabus conspersus
Agabus conspersus voucher BCZSM_COLA_0998 cytochro	KM443117	91.24	100	1.61824e-79	Coleoptera	Dytiscidae	Agabus conspersus
Harpalus sp. BOLD:AAC8322 voucher BIOUG04181-G01 c	KM846693	91.2	99.54	5.64821e-79	Coleoptera	Carabidae	Harpalus sp. BOLD:AAC8322
Amara spreta voucher GBOL_Col_FK_8326 cytochrome o	KM443876	91.2	99.54	5.64821e-79	Coleoptera	Carabidae	Amara spreta
Ophonus rupicola voucher BCZSM_COLA_01665 cytochro	KM448271	90.78	100	1.97142e-78	Coleoptera	Carabidae	Ophonus rupicola
Ophonus puncticeps voucher GBOL_Col_FK_1944 cytoch	KM445240	90.78	100	1.97142e-78	Coleoptera	Carabidae	Ophonus puncticeps
Amara famelica voucher ZMUO<FIN>:004394 cytochrome	KJ965680	90.78	100	1.97142e-78	Coleoptera	Carabidae	Amara famelica
Amara famelica voucher ZMUO<FIN>:006703 cytochrome	KJ963389	91.51	97.7	1.97142e-78	Coleoptera	Carabidae	Amara famelica
Amara erratica voucher ZMUO<FIN>:006003 cytochrome	KJ962460	90.78	100	1.97142e-78	Coleoptera	Carabidae	Amara erratica
Amara erratica voucher ZMUO<FIN>:006914 cytochrome	KJ962288	90.78	100	1.97142e-78	Coleoptera	Carabidae	Amara erratica
Anchomenus funebris voucher NEONTcarabid2011 cytot	JX259781	90.78	100	1.97142e-78	Coleoptera	Carabidae	Anchomenus funebris
Ophonus rufibarbis voucher ZMUO<FIN>:005999 cytoch	KJ962792	90.74	99.54	6.88092e-78	Coleoptera	Carabidae	Ophonus rufibarbis
Ophonus rufibarbis voucher ZMUO<FIN>:003790 cytoch	KJ964006	90.74	99.54	6.88092e-78	Coleoptera	Carabidae	Ophonus rufibarbis
Agabus bipustulatus voucher ZMUO<FIN>:004294 cytot	KJ962022	90.74	99.54	6.88092e-78	Coleoptera	Dytiscidae	Agabus bipustulatus
Ophonus laticollis voucher BCZSM_COLA_01652 cytoch	KM447224	90.32	100	8.38268e-77	Coleoptera	Carabidae	Ophonus laticollis
Ophonus laticollis voucher BCZSM_COLA_01651 cytoch	KM446783	90.32	100	8.38268e-77	Coleoptera	Carabidae	Ophonus laticollis
Ophonus laticollis voucher BCZSM_COLA_1042 cytochr	KM440527	90.32	100	8.38268e-77	Coleoptera	Carabidae	Ophonus laticollis
Agabus paludosus voucher ZMUO<FIN>:004785 cytochro	KJ967101	90.32	100	8.38268e-77	Coleoptera	Dytiscidae	Agabus paludosus
Amara erratica voucher ZMUO<FIN>:006029 cytochrome	KJ966745	90.32	100	8.38268e-77	Coleoptera	Carabidae	Amara erratica
Agabus aff. bifarius CHU2 voucher JBWM0255920 cyto	KJ203605	90.32	100	8.38268e-77	Coleoptera	Dytiscidae	Agabus aff. bifarius CHU2
Agabus aff. bifarius CHU2 voucher Church 0034 cyto	KJ203435	90.32	100	8.38268e-77	Coleoptera	Dytiscidae	Agabus aff. bifarius CHU2
Calleida viridis voucher NEONTcarabid376 cytochrom	JX259813	90.32	100	8.38268e-77	Coleoptera	Carabidae	Calleida viridis
Ophonus puncticeps voucher ZSM_COLA_2011_270 cytot	KM440163	90.32	100	8.38268e-77	Coleoptera	Carabidae	Ophonus puncticeps
Ophonus laticollis voucher BFB_Col_FK_11654 cytoch	KM443650	90.32	100	8.38268e-77	Coleoptera	Carabidae	Ophonus laticollis
Agabus bipustulatus voucher MP00405 cytochrome oxi	HQ559253	90.28	99.54	8.38268e-77	Coleoptera	Dytiscidae	Agabus bipustulatus
Dicheirotichus gustavii voucher ZFMK_COL_2008_32	GU347176	91.04	97.7	8.38268e-77	Coleoptera	Carabidae	Dicheirotichus gustavii
Harpalus puncticeps cytochrome oxidase c subunit I	EU710809	90.32	100	8.38268e-77	Coleoptera	Carabidae	Harpalus puncticeps
Ophonus rufibarbis voucher BFB_Col_FK_7432 cytochr	KM443069	90.28	99.54	2.92584e-76	Coleoptera	Carabidae	Ophonus rufibarbis
Ophonus rufibarbis voucher ZMUO<FIN>:005144 cytoch	KJ964206	90.28	99.54	2.92584e-76	Coleoptera	Carabidae	Ophonus rufibarbis
Amara sp. 1 CMG-2012 voucher NEONTcarabid879 cytot	JX260489	90.28	99.54	2.92584e-76	Coleoptera	Carabidae	Amara sp. 1 CMG-2012
Harpalus sp. BOLD:AAC1928 voucher BIOUG16073-A12 c	KR483966	89.86	100	1.02122e-75	Coleoptera	Carabidae	Harpalus sp. BOLD:AAC1928
Philophuga viridis amoena voucher 08BBCOL-0102 cyt	KM850768	89.86	100	1.02122e-75	Coleoptera	Carabidae	Philophuga viridis amoena
Amara lunicollis voucher BIOUG03888-C04 cytochrome	KM842455	89.86	100	1.02122e-75	Coleoptera	Carabidae	Amara lunicollis
Harpalus herbivagus voucher 08BBCOL-0290 cytochrom	KM845343	89.86	100	1.02122e-75	Coleoptera	Carabidae	Harpalus herbivagus
Notonomus sp. WA1 cytochrome oxidase subunit 1 (CO	KF551707	89.86	100	1.02122e-75	Coleoptera	Carabidae	Notonomus sp. WA1
Notonomus mediosulcatus cytochrome oxidase subunit	KF551701	89.86	100	1.02122e-75	Coleoptera	Carabidae	Notonomus mediosulcatus
Agabus unguicularis voucher BC ZSM COLA 00722 cyto	KM451059	89.86	100	1.02122e-75	Coleoptera	Dytiscidae	Agabus unguicularis
Agonum marginatum voucher BFB_Col_FK_3555 cytochro	KM450863	89.86	100	1.02122e-75	Coleoptera	Carabidae	Agonum marginatum
Agonum marginatum voucher BCZSM_COL_WL_0035 cytoch	KM450788	89.86	100	1.02122e-75	Coleoptera	Carabidae	Agonum marginatum
Agonum marginatum voucher GBOL_Col_FK_1525 cytochr	KM450607	89.86	100	1.02122e-75	Coleoptera	Carabidae	Agonum marginatum
Amara erratica voucher GBOL_Col_FK_6507 cytochrome	KM449493	89.86	100	1.02122e-75	Coleoptera	Carabidae	Amara erratica
Amara erratica voucher GBOL_Col_FK_6655 cytochrome	KM446941	89.86	100	1.02122e-75	Coleoptera	Carabidae	Amara erratica
Amara erratica voucher GBOL_Col_FK_6508 cytochrome	KM446356	89.86	100	1.02122e-75	Coleoptera	Carabidae	Amara erratica
Amara erratica voucher GBOL_Col_FK_6941 cytochrome	KM445310	89.86	100	1.02122e-75	Coleoptera	Carabidae	Amara erratica
Ophonus laticollis voucher BFB_Col_FK_11655 cytoch	KM441706	89.86	100	1.02122e-75	Coleoptera	Carabidae	Ophonus laticollis
Amara erratica voucher GBOL_Col_FK_6413 cytochrome	KM439719	89.86	100	1.02122e-75	Coleoptera	Carabidae	Amara erratica
Amara erratica voucher GBOL_Col_FK_6858 cytochrome	KM439710	89.86	100	1.02122e-75	Coleoptera	Carabidae	Amara erratica
Agonum marginatum voucher BFB_Col_FK_9015 cytochro	KM439478	89.86	100	1.02122e-75	Coleoptera	Carabidae	Agonum marginatum
Agabus unguicularis voucher ZMUO<FIN>:007087 cytot	KJ966118	89.86	100	1.02122e-75	Coleoptera	Dytiscidae	Agabus unguicularis
Amara famelica voucher ZMUO<FIN>:004861 cytochrome	KJ965327	89.86	100	1.02122e-75	Coleoptera	Carabidae	Amara famelica
Agonum marginatum voucher ZMUO<FIN>:006687 cytochr	KJ964808	89.86	100	1.02122e-75	Coleoptera	Carabidae	Agonum marginatum
Agabus unguicularis voucher ZMUO<FIN>:001494 cytot	KJ964263	89.86	100	1.02122e-75	Coleoptera	Dytiscidae	Agabus unguicularis
Agonum marginatum voucher ZMUO<FIN>:005173 cytochr	KJ962402	89.86	100	1.02122e-75	Coleoptera	Carabidae	Agonum marginatum
Laccophilus biguttatus voucher JBWM0340531 cytochr	KJ203870	89.86	100	1.02122e-75	Coleoptera	Dytiscidae	Laccophilus biguttatus
Laccophilus biguttatus voucher CHU06-COL1-417 cyto	KJ203524	89.86	100	1.02122e-75	Coleoptera	Dytiscidae	Laccophilus biguttatus
Laccophilus biguttatus voucher Church 0001 cytochr	KJ203140	89.86	100	1.02122e-75	Coleoptera	Dytiscidae	Laccophilus biguttatus
Amara sp. CHU1 voucher CHU06-COL-207 cytochrome ox	KJ202696	90.95	96.77	1.02122e-75	Coleoptera	Carabidae	Amara sp. CHU1
Laccophilus biguttatus voucher BIOUG01007-D12 cyto	KC017199	89.86	100	1.02122e-75	Coleoptera	Dytiscidae	Laccophilus biguttatus
Laccophilus biguttatus voucher BIOUG01004-A05 cyto	KC017194	89.86	100	1.02122e-75	Coleoptera	Dytiscidae	Laccophilus biguttatus
Laccophilus biguttatus voucher BIOUG01314-B05 cyto	KC017192	89.86	100	1.02122e-75	Coleoptera	Dytiscidae	Laccophilus biguttatus
Amara lunicollis voucher NEONTcarabid1724 cytochro	JX259774	89.86	100	1.02122e-75	Coleoptera	Carabidae	Amara lunicollis
Agonum marginatum voucher ZMUO<FIN>:005066 cytochr	KJ966672	89.86	100	1.02122e-75	Coleoptera	Carabidae	Agonum marginatum
Dicheirotichus gustavii voucher ZFMK_COL_2008_28	GU347172	90.57	97.7	1.02122e-75	Coleoptera	Carabidae	Dicheirotichus gustavii
Amara erratica voucher ZFMK_COL_2009_556 cytochrom	GU347048	89.86	100	1.02122e-75	Coleoptera	Carabidae	Amara erratica
Amara erratica voucher ZFMK_COL_2009_553 cytochrom	GU347044	89.86	100	1.02122e-75	Coleoptera	Carabidae	Amara erratica
Agonum marginatum voucher ZFMK_COL_2009_321 cytoch	GU347026	89.86	100	1.02122e-75	Coleoptera	Carabidae	Agonum marginatum
Agonum marginatum voucher ZFMK_COL_2009_324 cytoch	GU347027	89.86	100	1.02122e-75	Coleoptera	Carabidae	Agonum marginatum
Harpalus indianus haplotype 1 cytochrome oxidase s	DQ059803	89.86	100	1.02122e-75	Coleoptera	Carabidae	Harpalus indianus
Harpalus herbivagus haplotype 2 cytochrome oxidase	DQ059800	89.86	100	1.02122e-75	Coleoptera	Carabidae	Harpalus herbivagus
Harpalus herbivagus haplotype 1 cytochrome oxidase	DQ059799	89.86	100	1.02122e-75	Coleoptera	Carabidae	Harpalus herbivagus
Platynus hypolithos voucher 08SOCOL-0463 cytochrom	KR489028	89.81	99.54	3.56441e-75	Coleoptera	Carabidae	Platynus hypolithos
Dicheirotichus cognatus voucher zmutc00023508 cyto	KT959840	89.81	99.54	3.56441e-75	Coleoptera	Carabidae	Dicheirotichus cognatus
Dicheirotichus cognatus voucher zmutc00023510 cyto	KT959791	89.81	99.54	3.56441e-75	Coleoptera	Carabidae	Dicheirotichus cognatus
Dicheirotichus cognatus voucher zmutc00023509 cyto	KT959713	89.81	99.54	3.56441e-75	Coleoptera	Carabidae	Dicheirotichus cognatus
Anisodactylus binotatus voucher GBOL_Col_FK_1523 c	KM448483	89.81	99.54	3.56441e-75	Coleoptera	Carabidae	Anisodactylus binotatus
Anisodactylus binotatus voucher GBOL_Col_FK_1515 c	KM448167	89.81	99.54	3.56441e-75	Coleoptera	Carabidae	Anisodactylus binotatus
Ophonus rufibarbis voucher ZMUO<FIN>:005191 cytoch	KJ967097	89.81	99.54	3.56441e-75	Coleoptera	Carabidae	Ophonus rufibarbis
Dicheirotichus cognatus voucher ZMUO<FIN>:002428	KJ964104	89.81	99.54	3.56441e-75	Coleoptera	Carabidae	Dicheirotichus cognatus
Anisodactylus binotatus voucher ZMUO<FIN>:000723 c	KJ963615	89.81	99.54	3.56441e-75	Coleoptera	Carabidae	Anisodactylus binotatus
Agabus colymbus voucher Church 0035 cytochrome oxi	KJ204161	89.81	99.54	3.56441e-75	Coleoptera	Dytiscidae	Agabus colymbus
Agabus aff. bifarius CHU1 voucher CHU06-COL1-413 c	KJ203469	89.81	99.54	3.56441e-75	Coleoptera	Dytiscidae	Agabus aff. bifarius CHU1
Agabus colymbus voucher BIOUG01010-F10 cytochrome	KC016524	89.81	99.54	3.56441e-75	Coleoptera	Dytiscidae	Agabus colymbus
Agabus colymbus voucher BIOUG01004-H01 cytochrome	KC016523	89.81	99.54	3.56441e-75	Coleoptera	Dytiscidae	Agabus colymbus
Agabus colymbus voucher BIOUG01002-E11 cytochrome	KC016520	89.81	99.54	3.56441e-75	Coleoptera	Dytiscidae	Agabus colymbus
Agabus colymbus voucher BIOUG01312-F11 cytochrome	KC016517	89.81	99.54	3.56441e-75	Coleoptera	Dytiscidae	Agabus colymbus
Agabus colymbus voucher BIOUG01312-F09 cytochrome	KC016516	89.81	99.54	3.56441e-75	Coleoptera	Dytiscidae	Agabus colymbus
Agabus colymbus voucher BIOUG01312-F08 cytochrome	KC016515	89.81	99.54	3.56441e-75	Coleoptera	Dytiscidae	Agabus colymbus
Agabus colymbus voucher BIOUG01004-F04 cytochrome	KC016513	89.81	99.54	3.56441e-75	Coleoptera	Dytiscidae	Agabus colymbus
Pterostichus letensis voucher hs998 cytochrome c o	JX535755	89.81	99.54	3.56441e-75	Coleoptera	Carabidae	Pterostichus letensis
Pterostichus balu voucher hs1025 cytochrome c oxid	JX535666	89.81	99.54	3.56441e-75	Coleoptera	Carabidae	Pterostichus balu
Pterostichus balu voucher hs1020 cytochrome c oxid	JX535665	89.81	99.54	3.56441e-75	Coleoptera	Carabidae	Pterostichus balu
Pterostichus nepalensis voucher hs1028 cytochrome	JX535664	89.81	99.54	3.56441e-75	Coleoptera	Carabidae	Pterostichus nepalensis
Pterostichus nepalensis voucher hs544 cytochrome c	JX535663	89.81	99.54	3.56441e-75	Coleoptera	Carabidae	Pterostichus nepalensis
Pterostichus nepalensis voucher hs1187 cytochrome	JX535662	89.81	99.54	3.56441e-75	Coleoptera	Carabidae	Pterostichus nepalensis
Pterostichus nepalensis voucher hs1186 cytochrome	JX535661	89.81	99.54	3.56441e-75	Coleoptera	Carabidae	Pterostichus nepalensis