

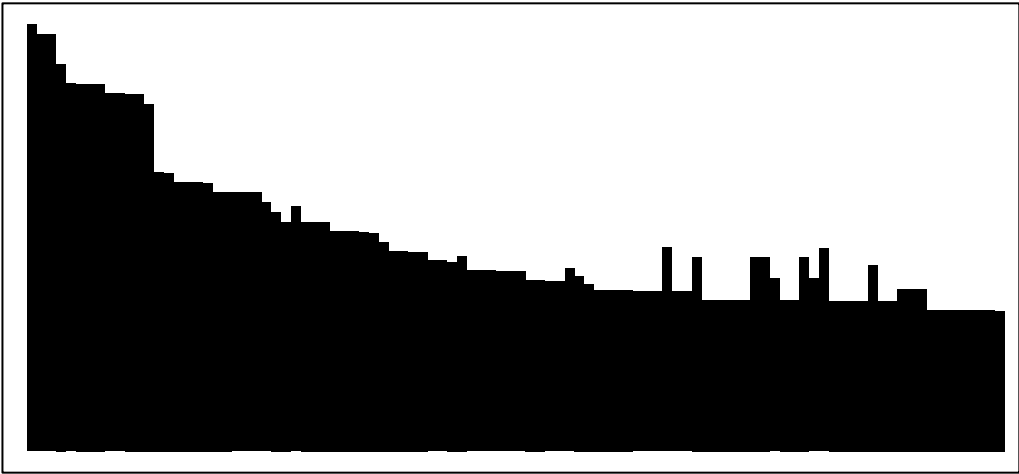
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Hydraena gracilis

Hydraenidae

Coleoptera

100



Hydraena gracilis voucher BCZSMAQU00995 cytochrome	KM444579	100	100	1.41701e-105	Coleoptera	Hydraenidae	Hydraena gracilis
Hydraena gracilis voucher MP00136 cytochrome oxida	HM909038	99.54	100	6.02529e-104	Coleoptera	Hydraenidae	Hydraena gracilis
Hydraena gracilidelphis mitochondrial partial COI	HG793323	99.54	99.54	2.10303e-103	Coleoptera	Hydraenidae	Hydraena gracilidelphis
Hydraena alpicola mitochondrial partial COI gene f	HE970902	98.15	99.54	1.32716e-99	Coleoptera	Hydraenidae	Hydraena alpicola
Hydraena belgica voucher BCZSMAQU00993 cytochrome	KM442094	97.24	100	1.96968e-97	Coleoptera	Hydraenidae	Hydraena belgica
Hydraena hispanica mitochondrial partial COI gene	HF947947	97.22	99.54	6.87485e-97	Coleoptera	Hydraenidae	Hydraena hispanica
Hydraena hispanica mitochondrial partial COI gene	HF947946	97.22	99.54	6.87485e-97	Coleoptera	Hydraenidae	Hydraena hispanica
Hydraena exasperata mitochondrial partial COI gene	HE970927	97.22	99.54	6.87485e-97	Coleoptera	Hydraenidae	Hydraena exasperata
Hydraena belgica mitochondrial partial COI gene fo	HE970913	96.77	100	8.37528e-96	Coleoptera	Hydraenidae	Hydraena belgica
Hydraena larissae mitochondrial partial COI gene f	HE970890	96.77	100	8.37528e-96	Coleoptera	Hydraenidae	Hydraena larissae
Hydraena fosterorum mitochondrial partial COI gene	HE970922	96.76	99.54	2.92326e-95	Coleoptera	Hydraenidae	Hydraena fosterorum
Hydraena diazi mitochondrial partial COI gene for	HE970921	96.76	99.54	2.92326e-95	Coleoptera	Hydraenidae	Hydraena diazi
Hydraena emarginata mitochondrial partial COI gene	HE970897	96.3	99.54	3.56126e-94	Coleoptera	Hydraenidae	Hydraena emarginata
Hydraena devillei mitochondrial partial COI gene f	HE970885	93.09	100	6.03061e-85	Coleoptera	Hydraenidae	Hydraena devillei
Hydraena tatii mitochondrial partial COI gene for	HE970875	93.06	99.54	2.10489e-84	Coleoptera	Hydraenidae	Hydraena tatii
Hydraena madronensis mitochondrial partial COI gen	HF947950	92.63	100	7.34679e-84	Coleoptera	Hydraenidae	Hydraena madronensis
Hydraena iberica mitochondrial partial COI gene fo	HF947948	92.63	100	7.34679e-84	Coleoptera	Hydraenidae	Hydraena iberica
Hydraena evanescens mitochondrial partial COI gene	HE970884	92.63	100	7.34679e-84	Coleoptera	Hydraenidae	Hydraena evanescens
Hydraena manfredjaechi mitochondrial partial COI g	HF947951	92.59	99.54	2.56428e-83	Coleoptera	Hydraenidae	Hydraena manfredjaechi
Hydraena lusitana mitochondrial partial COI gene f	HF947949	92.17	100	3.12393e-82	Coleoptera	Hydraenidae	Hydraena lusitana
Hydraena altamirensis mitochondrial partial COI ge	HF947944	92.17	100	3.12393e-82	Coleoptera	Hydraenidae	Hydraena altamirensis
Hydraena truncata mitochondrial partial COI gene f	HE970905	92.13	99.54	1.09036e-81	Coleoptera	Hydraenidae	Hydraena truncata
Hydraena lapidicola mitochondrial partial COI gene	HE970887	92.13	99.54	1.09036e-81	Coleoptera	Hydraenidae	Hydraena lapidicola
Hydraena gaditana mitochondrial partial COI gene f	HE970877	92.13	99.54	1.09036e-81	Coleoptera	Hydraenidae	Hydraena gaditana
Hydraena heterogyna mitochondrial partial COI gene	HE970889	91.67	99.54	1.32833e-80	Coleoptera	Hydraenidae	Hydraena heterogyna
Hydraena polita voucher BCZSMAQU01003 cytochrome o	KM449175	91.2	99.54	5.64821e-79	Coleoptera	Hydraenidae	Hydraena polita
Hydraena bitruncata mitochondrial partial COI gene	HE970903	90.74	99.54	6.88092e-78	Coleoptera	Hydraenidae	Hydraena bitruncata
Hydraena subintegra mitochondrial partial COI gene	HE970899	91.47	97.24	6.88092e-78	Coleoptera	Hydraenidae	Hydraena subintegra
Hydraena leonhardi mitochondrial partial COI gene	HE970898	90.74	99.54	6.88092e-78	Coleoptera	Hydraenidae	Hydraena leonhardi
Hydraena polita mitochondrial partial COI gene for	HE970876	90.74	99.54	6.88092e-78	Coleoptera	Hydraenidae	Hydraena polita
Hydraena catalonica mitochondrial partial COI gene	HE970871	90.74	99.54	6.88092e-78	Coleoptera	Hydraenidae	Hydraena catalonica
Hydraena palustris voucher BCZSMAQU01001 cytochrom	KM445061	90.32	100	8.38268e-77	Coleoptera	Hydraenidae	Hydraena palustris
Hydraena palustris voucher GBOL00963 cytochrome ox	KM443019	90.32	100	8.38268e-77	Coleoptera	Hydraenidae	Hydraena palustris
Hydraena palustris mitochondrial partial COI gene	HE970894	90.32	100	8.38268e-77	Coleoptera	Hydraenidae	Hydraena palustris
Hydraena caucasica mitochondrial partial COI gene	HE970924	90.28	99.54	2.92584e-76	Coleoptera	Hydraenidae	Hydraena caucasica
Hydraena schuleri mitochondrial partial COI gene f	HE970909	90.23	99.08	1.02122e-75	Coleoptera	Hydraenidae	Hydraena schuleri
Hydraena bensae mitochondrial partial COI gene for	HE970888	89.81	99.54	3.56441e-75	Coleoptera	Hydraenidae	Hydraena bensae
Hydraena pulchella voucher BCZSMAQU01004 cytochrom	KM452567	89.4	100	4.34234e-74	Coleoptera	Hydraenidae	Hydraena pulchella
Hydraena intermedia mitochondrial partial COI gene	HE970916	89.4	100	4.34234e-74	Coleoptera	Hydraenidae	Hydraena intermedia
Hydraena monstrosipipes mitochondrial partial COI g	HF947952	89.35	99.54	1.51562e-73	Coleoptera	Hydraenidae	Hydraena monstrosipipes
Hydraena andalusa mitochondrial partial COI gene f	HE970879	89.35	99.54	1.51562e-73	Coleoptera	Hydraenidae	Hydraena andalusa
Hydraena britteni voucher BC ZSM COLA 00751 cytoch	KM448561	88.94	100	5.29005e-73	Coleoptera	Hydraenidae	Hydraena britteni
Hydraena reyi mitochondrial partial COI gene for c	HE970896	88.94	100	5.29005e-73	Coleoptera	Hydraenidae	Hydraena reyi
Hydraena subsequens mitochondrial partial COI gene	HE970892	88.89	99.54	1.84641e-72	Coleoptera	Hydraenidae	Hydraena subsequens
Hydraena assimilis voucher BCZSMAQU00992 cytochrom	KM448976	89.15	97.7	2.24939e-71	Coleoptera	Hydraenidae	Hydraena assimilis
Hydraena subimpressa mitochondrial partial COI gen	HE970886	88.48	100	2.24939e-71	Coleoptera	Hydraenidae	Hydraena subimpressa
Hydraena balearica mitochondrial partial COI gene	HE970883	88.48	100	2.24939e-71	Coleoptera	Hydraenidae	Hydraena balearica
Hydraena quilisi mitochondrial partial COI gene fo	HE970873	88.48	100	2.24939e-71	Coleoptera	Hydraenidae	Hydraena quilisi
Hydraena affusa mitochondrial partial COI gene for	HF947953	88.43	99.54	7.85113e-71	Coleoptera	Hydraenidae	Hydraena affusa
Nanos humeralis isolate Ara.sp15.3.2 cytochrome c	KF309755	88.43	99.54	7.85113e-71	Coleoptera	Scarabaeidae	Nanos humeralis
Hydraena gavarrensis mitochondrial partial COI gene	HE970874	88.43	99.54	7.85113e-71	Coleoptera	Hydraenidae	Hydraena gavarrensis
Hydraena sp. BOLD:ACF6529 voucher BIOUG05586-D09 c	KR488740	88.02	100	2.74031e-70	Coleoptera	Hydraenidae	Hydraena sp. BOLD:ACF6529
Hydraena dentipalpis mitochondrial partial COI gen	HE970923	88.02	100	2.74031e-70	Coleoptera	Hydraenidae	Hydraena dentipalpis
Hydraena lucasi mitochondrial partial COI gene for	HF947962	87.96	99.54	9.56463e-70	Coleoptera	Hydraenidae	Hydraena lucasi
Hydraena minutissima voucher BCZSMAQU00998 cytochr	KM443241	87.96	99.54	9.56463e-70	Coleoptera	Hydraenidae	Hydraena minutissima
Acilius japonicus voucher KBMAcja84 cytochrome oxi	KF979035	88.57	96.77	3.33838e-69	Coleoptera	Dytiscidae	Acilius japonicus
Hydraena subimpressa voucher BCZSMAQU00999 cytochr	KM448243	88.21	97.7	1.16521e-68	Coleoptera	Hydraenidae	Hydraena subimpressa
Euryptilium saxonicum voucher ZMUO<FIN>:007868 cyt	KJ966638	87.85	98.62	1.16521e-68	Coleoptera	Ptiliidae	Euryptilium saxonicum
Hydraena britteni voucher ZMUO<FIN>:005650 cytochr	KJ964025	87.56	100	1.16521e-68	Coleoptera	Hydraenidae	Hydraena britteni
Hydraena unca mitochondrial partial COI gene for c	HG915301	87.56	100	1.16521e-68	Coleoptera	Hydraenidae	Hydraena unca
Hydraena melas mitochondrial partial COI gene for	HE970906	87.56	100	1.16521e-68	Coleoptera	Hydraenidae	Hydraena melas
Hydraena melas voucher BCZSMAQU00997 cytochrome ox	KM449316	87.56	100	1.16521e-68	Coleoptera	Hydraenidae	Hydraena melas
Laemostenus complanatus voucher BIOUG11059-A07 cyt	KR127933	87.5	99.54	4.06698e-68	Coleoptera	Carabidae	Laemostenus complanatus
Laemostenus complanatus voucher BIOUG11059-A12 cyt	KR120599	87.5	99.54	4.06698e-68	Coleoptera	Carabidae	Laemostenus complanatus
Hydraena stussineri mitochondrial partial COI gene	HF947967	87.5	99.54	4.06698e-68	Coleoptera	Hydraenidae	Hydraena stussineri
Prodaticus lativittis voucher UNM:KBMHylv417 cytoc	FJ796601	89.55	92.63	4.06698e-68	Coleoptera	Dytiscidae	Prodaticus lativittis
Nicrophorus antennatus voucher DSSC122006Nic cytoc	EU147414	87.5	99.54	4.06698e-68	Coleoptera	Silphidae	Nicrophorus antennatus
Nicrophorus antennatus voucher DSSC122003Nic cytoc	EU147413	87.5	99.54	4.06698e-68	Coleoptera	Silphidae	Nicrophorus antennatus
Patrobus longicornis voucher BIOUG07936-A05 cytoch	KR488035	89.11	93.09	1.41952e-67	Coleoptera	Carabidae	Patrobus longicornis
Coenosia sp. BOLD:ACB9516 voucher BIOUG05984-C01 c	KR445243	87.1	100	1.41952e-67	Diptera	Muscidae	Coenosia sp. BOLD:ACB9516
Muscidae sp. BOLD:ACB9516 voucher BIOUG07539-E02 c	KM940692	87.1	100	1.41952e-67	Diptera	Muscidae	Muscidae sp. BOLD:ACB9516
Ephydridae sp. BOLD:ACK4806 voucher BIOUG09366-E04	KM630242	87.1	100	1.41952e-67	Diptera	Ephydridae	Ephydridae sp. BOLD:ACK4806
Hydraena mecal mitochondrial partial COI gene for	HF947965	87.1	100	1.41952e-67	Coleoptera	Hydraenidae	Hydraena mecal
Graphoderus cinereus cytochrome oxidase subunit I	KP280117	87.1	100	1.41952e-67	Coleoptera	Dytiscidae	Graphoderus cinereus
Tachyta nana voucher GBOL_Col_FK_1265 cytochrome o	KM444584	89.11	93.09	1.41952e-67	Coleoptera	Carabidae	Tachyta nana
Tachyta nana voucher GBOL_Col_FK_1469 cytochrome o	KM439878	89.11	93.09	1.41952e-67	Coleoptera	Carabidae	Tachyta nana
Acilius kishii voucher KBMAcki83 cytochrome oxidas	KF979036	88.1	96.77	1.41952e-67	Coleoptera	Dytiscidae	Acilius kishii
Hydraena attaleiae mitochondrial partial COI gene	HE970926	87.1	100	1.41952e-67	Coleoptera	Hydraenidae	Hydraena attaleiae
Hydraena monikae mitochondrial partial COI gene fo	HE970919	87.1	100	1.41952e-67	Coleoptera	Hydraenidae	Hydraena monikae
Tachyura diabrachys voucher GBOL_Col_FK_8662 cytoc	KM439276	89.11	93.09	1.41952e-67	Coleoptera	Carabidae	Tachyura diabrachys
Acilius sulcatus voucher BCZSMAQU00951 cytochrome	KM448921	88.1	96.77	1.41952e-67	Coleoptera	Dytiscidae	Acilius sulcatus
Prodaticus ugandaensis voucher UNM:KBMHyug424 cyto	FJ796620	89.5	92.17	1.41952e-67	Coleoptera	Dytiscidae	Prodaticus ugandaensis
Serropalpus substriatus voucher BIOUG10149-H11 cyt	KR119690	87.04	99.54	4.9546e-67	Coleoptera	Melandryidae	Serropalpus substriatus
Anchomenus dorsalis cytochrome c oxidase subunit 1	KT204375	87.04	99.54	4.9546e-67	Coleoptera	Carabidae	Anchomenus dorsalis
Prodaticus exclamatonis cytochrome oxidase subuni	KP280116	87.04	99.54	4.9546e-67	Coleoptera	Dytiscidae	Prodaticus exclamatonis
Hydraena subacuminata mitochondrial partial COI ge	HE970891	87.04	99.54	4.9546e-67	Coleoptera	Hydraenidae	Hydraena subacuminata
Hydraena bolivari mitochondrial partial COI gene f	HE970881	88.73	94.01	4.9546e-67	Coleoptera	Hydraenidae	Hydraena bolivari
Anchomenus dorsalis partial COI gene for cytochrom	FN868608	87.04	99.54	4.9546e-67	Coleoptera	Carabidae	Anchomenus dorsalis
Anchomenus dorsalis voucher ZFMK_COL_2009_567 cyto	GU347057	87.04	99.54	4.9546e-67	Coleoptera	Carabidae	Anchomenus dorsalis
Acilius sp. BMNH 1425211 mitochondrion, complete g	KT876878	87.62	96.77	1.72933e-66	Coleoptera	Dytiscidae	Acilius sp. BMNH 1425211
Acilius sulcatus voucher ZMUO<FIN>:004829 cytochro	KJ964137	87.62	96.77	1.72933e-66	Coleoptera	Dytiscidae	Acilius sulcatus
Acilius sulcatus voucher KBMAAcsu155 cytochrome oxi	KF979038	87.62	96.77	1.72933e-66	Coleoptera	Dytiscidae	Acilius sulcatus
Empididae sp. BOLD:AAH2936 voucher BIOUG14109-E11	KR525250	86.64	100	6.03594e-66	Diptera	Empididae	Empididae sp. BOLD:AAH2936
Empididae sp. BOLD:AAH2936 voucher BIOUG14430-D06	KR523136	86.64	100	6.03594e-66	Diptera	Empididae	Empididae sp. BOLD:AAH2936
Empididae sp. BOLD:AAH2936 voucher BIOUG14003-H07	KR518072	86.64	100	6.03594e-66	Diptera	Empididae	Empididae sp. BOLD:AAH2936
Empididae sp. BOLD:AAH2936 voucher BIOUG13907-E11	KR516069	86.64	100	6.03594e-66	Diptera	Empididae	Empididae sp. BOLD:AAH2936
Empididae sp. BOLD:AAH2936 voucher BIOUG14077-F02	KR514633	86.64	100	6.03594e-66	Diptera	Empididae	Empididae sp. BOLD:AAH2936
Harpalinae sp. BOLD:AAV5222 voucher BIOUG16078-A08	KR487265	86.64	100	6.03594e-66	Coleoptera	Carabidae	Harpalinae sp. BOLD:AAV5222
Carabidae sp. BOLD:ABY1969 voucher BIOUG13595-E06	KR489614	86.64	100	6.03594e-66	Coleoptera	Carabidae	Carabidae sp. BOLD:ABY1969
Anchomenus dorsalis voucher BCZSM_COLA_1043 cytoch	KM440038	86.57	99.54	6.03594e-66	Coleoptera	Carabidae	Anchomenus dorsalis