

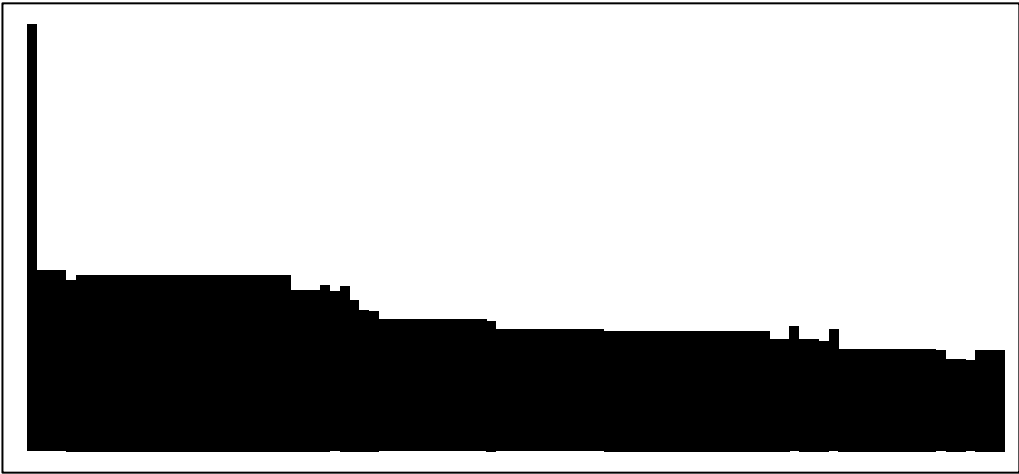
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Polycentropus irroratus

Polycentropodidae

Trichoptera

100



Polycentropus irroratus COI gene for cytochrome ox	FN179038	100	100	1.41832e-105	Trichoptera	Polycentropodidae	Polycentropus irroratus
Polycentropus elarus voucher BIOUG07980-B07 cytoch	KJ449231	88.48	100	2.25146e-71	Trichoptera	Polycentropodidae	Polycentropus elarus
Polycentropus sp. n. KAJ-2012 voucher NHRS:HF1 cyt	JQ239909	88.48	100	2.25146e-71	Trichoptera	Polycentropodidae	Polycentropus sp. n. KAJ-2012
Polycentropus sp. HD7 KAJ-2012 voucher NHRS:HD7 cy	JQ239897	88.48	100	2.25146e-71	Trichoptera	Polycentropodidae	Polycentropus sp. HD7 KAJ-2012
Polycentropus elarus voucher NHRS:IA3 cytochrome o	JQ239917	88.02	100	2.74284e-70	Trichoptera	Polycentropodidae	Polycentropus elarus
Polycentropus confusus voucher BIOUG11435-C12 cyto	KR379894	88.26	98.16	3.34146e-69	Trichoptera	Polycentropodidae	Polycentropus confusus
Polycentropus confusus voucher BIOUG11643-E04 cyto	KR377796	88.26	98.16	3.34146e-69	Trichoptera	Polycentropodidae	Polycentropus confusus
Polycentropus confusus voucher BIOUG06971-F10 cyto	KJ449230	88.26	98.16	3.34146e-69	Trichoptera	Polycentropodidae	Polycentropus confusus
Polycentropus confusus voucher BIOUG06970-A06 cyto	KJ449229	88.26	98.16	3.34146e-69	Trichoptera	Polycentropodidae	Polycentropus confusus
Polycentropus confusus voucher BIOUG07978-H06 cyto	KJ449227	88.26	98.16	3.34146e-69	Trichoptera	Polycentropodidae	Polycentropus confusus
Polycentropus confusus voucher BIOUG07978-E09 cyto	KJ449226	88.26	98.16	3.34146e-69	Trichoptera	Polycentropodidae	Polycentropus confusus
Polycentropus confusus voucher BIOUG07978-F10 cyto	KJ449224	88.26	98.16	3.34146e-69	Trichoptera	Polycentropodidae	Polycentropus confusus
Polycentropus confusus voucher BIOUG07978-B07 cyto	KJ449223	88.26	98.16	3.34146e-69	Trichoptera	Polycentropodidae	Polycentropus confusus
Polycentropus confusus voucher BIOUG07982-A08 cyto	KJ449222	88.26	98.16	3.34146e-69	Trichoptera	Polycentropodidae	Polycentropus confusus
Polycentropus confusus voucher BIOUG07063-B11 cyto	KJ449221	88.26	98.16	3.34146e-69	Trichoptera	Polycentropodidae	Polycentropus confusus
Polycentropus confusus voucher BIOUG07982-A07 cyto	KJ449219	88.26	98.16	3.34146e-69	Trichoptera	Polycentropodidae	Polycentropus confusus
Polycentropus confusus voucher BIOUG07978-H07 cyto	KJ449218	88.26	98.16	3.34146e-69	Trichoptera	Polycentropodidae	Polycentropus confusus
Polycentropus confusus voucher BIOUG<CAN>:08NBEPT-	HM103136	88.26	98.16	3.34146e-69	Trichoptera	Polycentropodidae	Polycentropus confusus
Polycentropus confusus voucher 07-17PKS-0561 cytoc	HM103134	88.26	98.16	3.34146e-69	Trichoptera	Polycentropodidae	Polycentropus confusus
Polycentropus confusus voucher 07-17PKS-0449 cytoc	HM103133	88.26	98.16	3.34146e-69	Trichoptera	Polycentropodidae	Polycentropus confusus
Polycentropus confusus voucher RBCAD-1504 cytochro	HM103132	88.26	98.16	3.34146e-69	Trichoptera	Polycentropodidae	Polycentropus confusus
Polycentropus confusus voucher RBCAD-0667 cytochro	HM103131	88.26	98.16	3.34146e-69	Trichoptera	Polycentropodidae	Polycentropus confusus
Polycentropus confusus voucher 07GSM-0361 cytochro	HM102079	88.26	98.16	3.34146e-69	Trichoptera	Polycentropodidae	Polycentropus confusus
Polycentropus confusus voucher 07GSM-0462 cytochro	HM102078	88.26	98.16	3.34146e-69	Trichoptera	Polycentropodidae	Polycentropus confusus
Polycentropus confusus voucher 07GSM-0444 cytochro	HM102075	88.26	98.16	3.34146e-69	Trichoptera	Polycentropodidae	Polycentropus confusus
Polycentropus confusus voucher 07GSM-0212 cytochro	HM102072	88.26	98.16	3.34146e-69	Trichoptera	Polycentropodidae	Polycentropus confusus
Polycentropus confusus voucher 07GSM-0033 cytochro	HM102070	88.26	98.16	3.34146e-69	Trichoptera	Polycentropodidae	Polycentropus confusus
Polycentropus pixi voucher 08NBEPT-0138 cytochrome	JN659202	87.56	100	1.16628e-68	Trichoptera	Polycentropodidae	Polycentropus pixi
Polycentropus pixi voucher 08NBEPT-0118 cytochrome	JN659201	87.56	100	1.16628e-68	Trichoptera	Polycentropodidae	Polycentropus pixi
Polycentropus pixi voucher 08NBEPT-0045 cytochrome	JN659197	87.56	100	1.16628e-68	Trichoptera	Polycentropodidae	Polycentropus pixi
Polycentropus confusus voucher BIOUG07981-A10 cyto	KJ449225	87.79	98.16	4.07073e-68	Trichoptera	Polycentropodidae	Polycentropus confusus
Polycentropus flavomaculatus voucher NHRS:AD8 cyto	JQ239765	87.5	99.54	4.07073e-68	Trichoptera	Polycentropodidae	Polycentropus flavomaculatus
Polycentropus flavomaculatus voucher NHRS:D1 cytoc	JQ239774	87.74	97.7	1.42082e-67	Trichoptera	Polycentropodidae	Polycentropus flavomaculatus
Polycentropus pixi voucher 08NBEPT-0221 cytochrome	JN659205	87.1	100	1.42082e-67	Trichoptera	Polycentropodidae	Polycentropus pixi
Polycentropus sp. HE7 KAJ-2012 voucher NHRS:HE7 cy	JQ239906	86.64	100	6.0415e-66	Trichoptera	Polycentropodidae	Polycentropus sp. HE7 KAJ-2012
Polycentropus blicklei voucher USNM:ENT:08OFCAD-11	GU667829	86.57	99.54	2.10869e-65	Trichoptera	Polycentropodidae	Polycentropus blicklei
Polycentropus sp. AMI 1 voucher 6317510188 cytochr	HQ152487	86.18	100	7.36005e-65	Trichoptera	Polycentropodidae	Polycentropus sp. AMI 1
Polycentropus sp. AMI 1 voucher 9307980268 cytochr	HQ150988	86.18	100	7.36005e-65	Trichoptera	Polycentropodidae	Polycentropus sp. AMI 1
Polycentropus sp. AMI 1 voucher 3107980182 cytochr	HQ150986	86.18	100	7.36005e-65	Trichoptera	Polycentropodidae	Polycentropus sp. AMI 1
Polycentropus blicklei voucher 07-17PKS-0577 cytoc	HQ104989	86.18	100	7.36005e-65	Trichoptera	Polycentropodidae	Polycentropus blicklei
Polycentropus sp. BOLD:AAF0271 voucher 10THEA-336	HQ980534	86.18	100	7.36005e-65	Trichoptera	Polycentropodidae	Polycentropus sp. BOLD:AAF0271
Polycentropus sp. BOLD:AAF0271 voucher 10THEA-334	HQ980532	86.18	100	7.36005e-65	Trichoptera	Polycentropodidae	Polycentropus sp. BOLD:AAF0271
Polycentropus sp. BOLD:AAF0271 voucher 10THEA-294	HQ980509	86.18	100	7.36005e-65	Trichoptera	Polycentropodidae	Polycentropus sp. BOLD:AAF0271
Polycentropus sp. BOLD:AAF0271 voucher 10THEA-273	HQ980492	86.18	100	7.36005e-65	Trichoptera	Polycentropodidae	Polycentropus sp. BOLD:AAF0271
Polycentropus mexicanus voucher 10THEA-120 cytochr	HQ980382	86.18	100	7.36005e-65	Trichoptera	Polycentropodidae	Polycentropus mexicanus
Polycentropus mexicanus voucher 10THEA-081 cytochr	HQ980357	86.18	100	7.36005e-65	Trichoptera	Polycentropodidae	Polycentropus mexicanus
Polycentropus sp. BOLD:AAF0271 voucher 10THEA-043	HQ980333	86.18	100	7.36005e-65	Trichoptera	Polycentropodidae	Polycentropus sp. BOLD:AAF0271
Polycentropus pentus voucher 08ONCAD-0079 cytochro	KM533979	86.11	99.54	2.56891e-64	Trichoptera	Polycentropodidae	Polycentropus pentus
Polycentropus weedi voucher 08NBEPT-1612 cytochrom	JN659208	85.71	100	8.96638e-64	Trichoptera	Polycentropodidae	Polycentropus weedi
Polycentropus sp. BOLD:AAE1701 voucher BIOUG09994-	KR381666	85.71	100	3.12957e-63	Trichoptera	Polycentropodidae	Polycentropus sp. BOLD:AAE1701
Polycentropus weedi voucher 08ONCAD-0585 cytochrom	KM531068	85.71	100	3.12957e-63	Trichoptera	Polycentropodidae	Polycentropus weedi
Polycentropus djaman voucher NHRS:HC6 cytochrome o	JQ239887	85.71	100	3.12957e-63	Trichoptera	Polycentropodidae	Polycentropus djaman
Polycentropus weedi voucher 08NBEPT-1616 cytochrom	JN659209	85.71	100	3.12957e-63	Trichoptera	Polycentropodidae	Polycentropus weedi
Polycentropus weedi voucher 08NBEPT-1385 cytochrom	JN659207	85.71	100	3.12957e-63	Trichoptera	Polycentropodidae	Polycentropus weedi
Polycentropus sp. NBTRI657-08 voucher 08NBEPT-1611	JN659206	85.71	100	3.12957e-63	Trichoptera	Polycentropodidae	Polycentropus sp. NBTRI657-08
Polycentropus sp. AMI 1 voucher 5117920264 cytochr	HQ152486	85.71	100	3.12957e-63	Trichoptera	Polycentropodidae	Polycentropus sp. AMI 1
Polycentropus sp. AMI 1 voucher 3517530176 cytochr	HQ152485	85.71	100	3.12957e-63	Trichoptera	Polycentropodidae	Polycentropus sp. AMI 1
Polycentropus blicklei voucher BIOUG<CAN>:08NBEPT-	HM103111	85.71	100	3.12957e-63	Trichoptera	Polycentropodidae	Polycentropus blicklei
Polycentropus blicklei voucher BIOUG<CAN>:08ONCAD-	HM103110	85.71	100	3.12957e-63	Trichoptera	Polycentropodidae	Polycentropus blicklei
Polycentropus sp. BOLD:AAF0274 voucher BIOUG11447-	KR379878	85.65	99.54	1.09233e-62	Trichoptera	Polycentropodidae	Polycentropus sp. BOLD:AAF0274
Polycentropus sp. BOLD:AAF0274 voucher BIOUG11396-	KR379855	85.65	99.54	1.09233e-62	Trichoptera	Polycentropodidae	Polycentropus sp. BOLD:AAF0274
Polycentropus sp. BOLD:AAF0274 voucher BIOUG10090-	KR377705	85.65	99.54	1.09233e-62	Trichoptera	Polycentropodidae	Polycentropus sp. BOLD:AAF0274
Polycentropus sp. BOLD:AAF0274 voucher BIOUG01723-	KR142663	85.65	99.54	1.09233e-62	Trichoptera	Polycentropodidae	Polycentropus sp. BOLD:AAF0274
Polycentropus sp. BOLD:AAF0274 voucher BIOUG00331-	KR145914	85.65	99.54	1.09233e-62	Trichoptera	Polycentropodidae	Polycentropus sp. BOLD:AAF0274
Polycentropus sp. BOLD:AAF0274 voucher BIOUG00331-	KR144067	85.65	99.54	1.09233e-62	Trichoptera	Polycentropodidae	Polycentropus sp. BOLD:AAF0274
Polycentropus sp. BOLD:AAF0274 voucher BIOUG01723-	KR143364	85.65	99.54	1.09233e-62	Trichoptera	Polycentropodidae	Polycentropus sp. BOLD:AAF0274
Polyplectropus puerilis voucher NHRS:BN1 cytochrom	JQ239815	85.65	99.54	1.09233e-62	Trichoptera	Polycentropodidae	Polyplectropus puerilis
Polycentropus pentus voucher 08NBEPT-1300 cytochro	JN659196	85.65	99.54	1.09233e-62	Trichoptera	Polycentropodidae	Polycentropus pentus
Polycentropus carolinensis voucher 07-17PKS-0555 c	HM103113	85.65	99.54	1.09233e-62	Trichoptera	Polycentropodidae	Polycentropus carolinensis
Polycentropus carolinensis voucher 07-17PKS-0554 c	HM103112	85.65	99.54	1.09233e-62	Trichoptera	Polycentropodidae	Polycentropus carolinensis
Polycentropus carolinensis voucher 07GSM-5259 cyto	HM102066	85.65	99.54	1.09233e-62	Trichoptera	Polycentropodidae	Polycentropus carolinensis
Polycentropus carolinensis voucher 07GSM-5426 cyto	HM102063	85.65	99.54	1.09233e-62	Trichoptera	Polycentropodidae	Polycentropus carolinensis
Polycentropus carolinensis voucher USNM:ENT:08OFC	GU714109	85.65	99.54	1.09233e-62	Trichoptera	Polycentropodidae	Polycentropus carolinensis
Polycentropus blicklei voucher USNM:ENT:08OFCAD-11	GU667832	85.65	99.54	1.09233e-62	Trichoptera	Polycentropodidae	Polycentropus blicklei
Polyplectropus altera isolate 13 cytochrome c oxid	GU263383	85.65	99.54	1.09233e-62	Trichoptera	Polycentropodidae	Polyplectropus altera
Polyplectropus altera isolate 01 cytochrome c oxid	GU263382	85.65	99.54	1.09233e-62	Trichoptera	Polycentropodidae	Polyplectropus altera
Polycentropus centralis voucher 08OFCAD-1105 cytoc	JQ935444	85.25	100	3.8126e-62	Trichoptera	Polycentropodidae	Polycentropus centralis
Polycentropus rickeri voucher EPA0494 cytochrome o	JN200701	85.25	100	3.8126e-62	Trichoptera	Polycentropodidae	Polycentropus rickeri
Polycentropus rickeri voucher 08OFCAD-1154 cytochr	HM103141	85.85	97.7	3.8126e-62	Trichoptera	Polycentropodidae	Polycentropus rickeri
Polycentropus rickeri voucher 08OFCAD-1152 cytochr	HM103140	85.25	100	3.8126e-62	Trichoptera	Polycentropodidae	Polycentropus rickeri
Polycentropus colei voucher 07-17PKS-0738 cytochro	HM103128	85.25	100	3.8126e-62	Trichoptera	Polycentropodidae	Polycentropus colei
Polyplectropus puerilis voucher NHRS:AN7 cytochrom	JQ239812	85.19	99.54	1.33073e-61	Trichoptera	Polycentropodidae	Polyplectropus puerilis
Nyctiophylax sp. AMI 1 voucher 7005890289 cytochro	HQ150813	85.71	96.77	4.6447e-61	Trichoptera	Polycentropodidae	Nyctiophylax sp. AMI 1
Polycentropus maculatus voucher BIOUG07980-H09 cyt	KJ449235	84.79	100	1.62116e-60	Trichoptera	Polycentropodidae	Polycentropus maculatus
Polycentropus maculatus voucher BIOUG06970-G02 cyt	KJ449234	84.79	100	1.62116e-60	Trichoptera	Polycentropodidae	Polycentropus maculatus
Polycentropus maculatus voucher BIOUG07980-H10 cyt	KJ449233	84.79	100	1.62116e-60	Trichoptera	Polycentropodidae	Polycentropus maculatus
Polycentropus maculatus voucher BIOUG07980-H11 cyt	KJ449232	84.79	100	1.62116e-60	Trichoptera	Polycentropodidae	Polycentropus maculatus
Polycentropus halidus voucher 08OFCAD-1127 cytochr	JQ935451	84.79	100	1.62116e-60	Trichoptera	Polycentropodidae	Polycentropus halidus
Polycentropus halidus voucher 08OFCAD-1126 cytochr	JQ935452	84.79	100	1.62116e-60	Trichoptera	Polycentropodidae	Polycentropus halidus
Polycentropus centralis voucher 08OFCAD-1106 cytoc	JQ935443	84.79	100	1.62116e-60	Trichoptera	Polycentropodidae	Polycentropus centralis
Polycentropus arizonensis voucher 08OFCAD-1087 cyt	JQ935429	84.79	100	1.62116e-60	Trichoptera	Polycentropodidae	Polycentropus arizonensis
Polycentropus maculatus voucher 07GSM-0128 cytochr	HM102080	84.79	100	1.62116e-60	Trichoptera	Polycentropodidae	Polycentropus maculatus
Polycentropus maculatus voucher USNM:ENT:08OFCAD-1	GU714112	84.79	100	1.62116e-60	Trichoptera	Polycentropodidae	Polycentropus maculatus
Polycentropus sp. gmycC32 haplotype HapC104 cytoch	KR134603	84.72	99.54	5.6584e-60	Trichoptera	Polycentropodidae	Polycentropus sp. gmycC32
Polycentropus nasotius voucher 08OFCAD-1137 cytoc	JQ935463	84.33	100	1.97498e-59	Trichoptera	Polycentropodidae	Polycentropus nasotius
Nyctiophylax uncus voucher USNM:ENT:08OFCAD-1080 c	GU714106	84.33	100	1.97498e-59	Trichoptera	Polycentropodidae	Nyctiophylax uncus
Polyplectropus santiago voucher NHRS:EZ6 cytochrom	JQ239855	84.26	99.54	6.89335e-59	Trichoptera	Polycentropodidae	Polyplectropus santiago
Nyctiophylax affinis voucher 07GSM-0225 cytochrome	HM102007	84.76	96.77	2.40601e-58	Trichoptera	Polycentropodidae	Nyctiophylax affinis
Nyctiophylax affinis voucher RBCAD-0655 cytochrome	HM102984	84.76	96.77	2.40601e-58	Trichoptera	Polycentropodidae	Nyctiophylax affinis
Nyctiophylax affinis voucher USNM:ENT:08OFCAD-1062	GU714101	84.76	96.77	2.40601e-58	Trichoptera	Polycentropodidae	Nyctiophylax affinis