

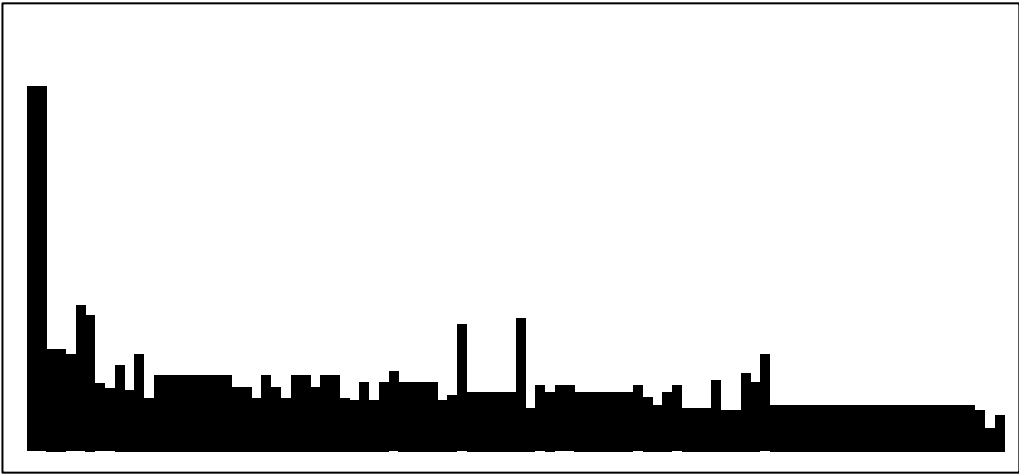
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Diura bicaudata

Perlodidae

Plecoptera

97.1



Diura bicaudata voucher ROM:2011219 PYK007 cytochr	KJ675377	97.1	95.39	5.29098e-92	Plecoptera	Perlodidae	Diura bicaudata
Diura bicaudata voucher ROM:2011263 PKT015 cytochr	KJ675053	97.1	95.39	5.29098e-92	Plecoptera	Perlodidae	Diura bicaudata
Tyrrhenoleuctra sp. TYAL-02 mitochondrial partial	FM213097	84.79	100	1.62139e-60	Plecoptera	Leuctridae	Tyrrhenoleuctra sp. TYAL-02
Tyrrhenoleuctra sp. TYGR-02 mitochondrial partial	FM213096	84.79	100	1.62139e-60	Plecoptera	Leuctridae	Tyrrhenoleuctra sp. TYGR-02
Capnia sp. BOLD:ACG5667 voucher BIOUG04768-F02 cyt	KM530056	84.54	95.39	1.02321e-56	Plecoptera	Capniidae	Capnia sp. BOLD:ACG5667
Leuctra major isolate 300651 cytochrome oxidase su	JQ736340	86.84	87.56	1.02321e-56	Plecoptera	Leuctridae	Leuctra major
Leuctra braueri isolate 300901 cytochrome oxidase	JQ736342	86.39	88.02	3.57134e-56	Plecoptera	Leuctridae	Leuctra braueri
Zapada sp. BOLD:ACB0726 voucher BIOUG07258-G04 cyt	KR147951	83.18	100	1.24652e-55	Plecoptera	Nemouridae	Zapada sp. BOLD:ACB0726
Dinotoperla fontana isolate GAM15-30 cytochrome ox	KU366082	82.95	100	4.35078e-55	Plecoptera	Gripopterygidae	Dinotoperla fontana
Pteronarcella regularis voucher i000213 cytochrome	KU181439	84.06	95.39	4.35078e-55	Plecoptera	Pteronarcyidae	Pteronarcella regularis
Nemoura flexuosa voucher NHMO-EPT_582 cytochrome o	JX905856	82.87	99.54	1.51857e-54	Plecoptera	Nemouridae	Nemoura flexuosa
Besdolus bicolor voucher Bbi-02 cytochrome oxidase	JN034561	84.58	92.63	1.51857e-54	Plecoptera	Perlodidae	Besdolus bicolor
Omanuperla hollowayae isolate GAM15-61 cytochrome	KU366122	82.49	100	5.30034e-54	Plecoptera	Notonemouridae	Omanuperla hollowayae
Pteronarcella badia voucher i000216 cytochrome oxi	KU181442	83.57	95.39	5.30034e-54	Plecoptera	Pteronarcyidae	Pteronarcella badia
Pteronarcella regularis voucher i000215 cytochrome	KU181441	83.57	95.39	5.30034e-54	Plecoptera	Pteronarcyidae	Pteronarcella regularis
Pteronarcella regularis voucher i000214 cytochrome	KU181440	83.57	95.39	5.30034e-54	Plecoptera	Pteronarcyidae	Pteronarcella regularis
Pteronarcella regularis voucher i000211 cytochrome	KU181438	83.57	95.39	5.30034e-54	Plecoptera	Pteronarcyidae	Pteronarcella regularis
Pteronarcella regularis voucher i000210 cytochrome	KU181437	83.57	95.39	5.30034e-54	Plecoptera	Pteronarcyidae	Pteronarcella regularis
Pteronarcella regularis voucher i000209 cytochrome	KU181436	83.57	95.39	5.30034e-54	Plecoptera	Pteronarcyidae	Pteronarcella regularis
Pteronarcella regularis voucher i000208 cytochrome	KU181435	83.57	95.39	5.30034e-54	Plecoptera	Pteronarcyidae	Pteronarcella regularis
Pteronarcella regularis voucher i000207 cytochrome	KU181434	83.57	95.39	5.30034e-54	Plecoptera	Pteronarcyidae	Pteronarcella regularis
Hesperoperla pacifica voucher BIOUG04509-D07 cytoc	KM536256	83.02	97.7	5.30034e-54	Plecoptera	Perlidae	Hesperoperla pacifica
Hesperoperla pacifica voucher BIOUG00842-G03 cytoc	KM535797	83.02	97.7	5.30034e-54	Plecoptera	Perlidae	Hesperoperla pacifica
Capnia confusa voucher BIOUG03096-B08 cytochrome o	KM533911	82.49	100	5.30034e-54	Plecoptera	Capniidae	Capnia confusa
Capnia sp. BOLD:ACK8742 voucher BIOUG03505-A05 cyt	KM530035	83.57	95.39	5.30034e-54	Plecoptera	Capniidae	Capnia sp. BOLD:ACK8742
Hesperoperla pacifica voucher BIOUG04509-D06 cytoc	KM528987	83.02	97.7	5.30034e-54	Plecoptera	Perlidae	Hesperoperla pacifica
Capnia confusa voucher BIOUG03505-A04 cytochrome o	KM528390	82.49	100	5.30034e-54	Plecoptera	Capniidae	Capnia confusa
Capnia sp. BOLD:ACK8742 voucher BIOUG03505-B09 cyt	KM528297	83.57	95.39	5.30034e-54	Plecoptera	Capniidae	Capnia sp. BOLD:ACK8742
Besdolus ventralis voucher Bve-01 cytochrome oxida	JN034557	83.57	95.39	5.30034e-54	Plecoptera	Perlodidae	Besdolus ventralis
Perlodes microcephalus voucher Pmi-01 cytochrome o	JN034549	83.02	97.7	5.30034e-54	Plecoptera	Perlodidae	Perlodes microcephalus
Chloroperla tripunctata isolate tp009 cytochrome o	HQ705654	83.57	95.39	5.30034e-54	Plecoptera	Chloroperlidae	Chloroperla tripunctata
Siphonoperla montana isolate mo200 cytochrome oxid	HQ705632	83.57	95.39	5.30034e-54	Plecoptera	Chloroperlidae	Siphonoperla montana
Tyrrhenoleuctra tangerina mitochondrial partial co	FM213090	82.49	100	5.30034e-54	Plecoptera	Leuctridae	Tyrrhenoleuctra tangerina
Spaniocercoides jacksoni isolate GAM15-70 cytochr	KU366124	82.41	99.54	1.85e-53	Plecoptera	Notonemouridae	Spaniocercoides jacksoni
Isoperla sp. ROM 2010631 PGB019 cytochrome oxidase	KJ674940	83.25	96.31	1.85e-53	Plecoptera	Perlodidae	Isoperla sp. ROM 2010631 PGB019
Nemoura flexuosa voucher NHMO-EPT_933 cytochrome o	JX905853	82.41	99.54	1.85e-53	Plecoptera	Nemouridae	Nemoura flexuosa
Clioperla sp. BOLD:AAD1598 voucher 2402430162 cyt	JN198574	83.25	96.31	1.85e-53	Plecoptera	Perlodidae	Clioperla sp. BOLD:AAD1598
Plecoptera sp. BOLD:AAG2697 voucher 08-SWRC-1246.1	JF287711	83.74	93.55	1.85e-53	Plecoptera	Plecoptera sp. BOLD:AAG2697	Plecoptera sp. BOLD:AAG2697
Clioperla clio voucher 5314870154 cytochrome oxida	HQ151887	83.25	96.31	1.85e-53	Plecoptera	Perlodidae	Clioperla clio
Clioperla clio voucher 390023253 cytochrome oxidas	HQ151357	83.25	96.31	1.85e-53	Plecoptera	Perlodidae	Clioperla clio
Clioperla sp. AMI 1 voucher 6002450149 cytochrome	HQ150443	83.25	96.31	1.85e-53	Plecoptera	Perlodidae	Clioperla sp. AMI 1
Clioperla sp. AMI 1 voucher 5802490177 cytochrome	HQ150442	83.25	96.31	1.85e-53	Plecoptera	Perlodidae	Clioperla sp. AMI 1
Tyrrhenoleuctra tangerina mitochondrial partial co	FM213092	82.41	99.54	1.85e-53	Plecoptera	Leuctridae	Tyrrhenoleuctra tangerina
Amphinemura sp. AMI 1 voucher 9115220198 cytochrom	HQ151867	82.63	98.16	6.45713e-53	Plecoptera	Nemouridae	Amphinemura sp. AMI 1
Leptoperla sp. JHM-2011 cytochrome oxidase c subun	HQ889196	85.95	85.25	6.45713e-53	Plecoptera	Gripopterygidae	Leptoperla sp. JHM-2011
Haploperla brevis voucher 09NBSTO-0041 cytochrome	KR147962	82.78	96.31	2.25376e-52	Plecoptera	Chloroperlidae	Haploperla brevis
Haploperla brevis voucher 09NBSTO-0022 cytochrome	KR147399	82.78	96.31	2.25376e-52	Plecoptera	Chloroperlidae	Haploperla brevis
Haploperla brevis voucher 09NBSTO-0026 cytochrome	KR146550	82.78	96.31	2.25376e-52	Plecoptera	Chloroperlidae	Haploperla brevis
Haploperla brevis voucher 09NBSTO-0029 cytochrome	KR141280	82.78	96.31	2.25376e-52	Plecoptera	Chloroperlidae	Haploperla brevis
Haploperla brevis voucher 09NBSTO-0040 cytochrome	KR143428	82.78	96.31	2.25376e-52	Plecoptera	Chloroperlidae	Haploperla brevis
Illiesoperla sp. GAM-2015 cytochrome oxidase subun	KU366086	86.26	83.87	2.25376e-52	Plecoptera	Gripopterygidae	Illiesoperla sp. GAM-2015
Capnia confusa voucher BIOUG03234-H09 cytochrome o	KM530900	82.03	100	2.25376e-52	Plecoptera	Capniidae	Capnia confusa
Mesocapnia arizonensis mitochondrion, partial geno	KP642637	83.09	95.39	2.25376e-52	Plecoptera	Capniidae	Mesocapnia arizonensis
Isoperla sp. ROM 2010623 PSV013 cytochrome oxidase	KJ675312	82.78	96.31	2.25376e-52	Plecoptera	Perlodidae	Isoperla sp. ROM 2010623 PSV013
Allocapnia sp. ROM 2010605 PIQ005 cytochrome oxida	KJ674992	83.09	95.39	2.25376e-52	Plecoptera	Capniidae	Allocapnia sp. ROM 2010605 PIQ005
Allocapnia sp. ROM 2010604 PIQ001 cytochrome oxida	KJ674986	83.09	95.39	2.25376e-52	Plecoptera	Capniidae	Allocapnia sp. ROM 2010604 PIQ001
Isoperla sp. ROM 2010631 PGB015 cytochrome oxidase	KJ674937	82.78	96.31	2.25376e-52	Plecoptera	Perlodidae	Isoperla sp. ROM 2010631 PGB015
Isoperla sp. ROM 2010630 PGB011 cytochrome oxidase	KJ674918	82.78	96.31	2.25376e-52	Plecoptera	Perlodidae	Isoperla sp. ROM 2010630 PGB011
Isoperla sp. ROM 2010630 PGB007 cytochrome oxidase	KJ674914	82.78	96.31	2.25376e-52	Plecoptera	Perlodidae	Isoperla sp. ROM 2010630 PGB007
Isoperla sp. ROM 2010630 PGB005 cytochrome oxidase	KJ674912	82.78	96.31	2.25376e-52	Plecoptera	Perlodidae	Isoperla sp. ROM 2010630 PGB005
Oyamia lugubris mitochondrial COI gene for cytochr	AB770131	82.78	96.31	2.25376e-52	Plecoptera	Perlidae	Oyamia lugubris
Oyamia lugubris mitochondrial COI gene for cytochr	AB770130	82.78	96.31	2.25376e-52	Plecoptera	Perlidae	Oyamia lugubris
Besdolus bicolor voucher Bbi-01 cytochrome oxidase	JN034560	83.09	95.39	2.25376e-52	Plecoptera	Perlodidae	Besdolus bicolor
Plecoptera sp. hongheHap_107 cytochrome c oxidase	JQ344466	82.55	97.7	2.25376e-52	Plecoptera	Plecoptera sp. hongheHap_107	Plecoptera sp. hongheHap_107
Amphinemura sp. AMI 1 voucher 660022329 cytochrome	HQ151289	82.16	98.16	2.25376e-52	Plecoptera	Nemouridae	Amphinemura sp. AMI 1
Isoperla sp. AMI 1 voucher 130021362 cytochrome ox	HQ261136	82.78	96.31	2.25376e-52	Plecoptera	Perlodidae	Isoperla sp. AMI 1
Siphonoperla montana isolate mo123 cytochrome oxid	HQ705631	83.09	95.39	2.25376e-52	Plecoptera	Chloroperlidae	Siphonoperla montana
Tyrrhenoleuctra zavattarii mitochondrial partial c	FM213101	82.03	100	2.25376e-52	Plecoptera	Leuctridae	Tyrrhenoleuctra zavattarii
Tyrrhenoleuctra zavattarii mitochondrial partial c	FM213100	82.03	100	2.25376e-52	Plecoptera	Leuctridae	Tyrrhenoleuctra zavattarii
Tyrrhenoleuctra zavattarii mitochondrial partial c	FM213098	82.03	100	2.25376e-52	Plecoptera	Leuctridae	Tyrrhenoleuctra zavattarii
Platycleis escalerae escalerae voucher 101 cytochr	EU203967	83.33	94.01	2.25376e-52	Orthoptera	Tettigoniidae	Platycleis escalerae escalerae
Dinotoperla sp. BOLD:ACD5693 voucher MDFRC_PL0008	KP697557	81.94	99.54	7.8664e-52	Plecoptera	Gripopterygidae	Dinotoperla sp. BOLD:ACD5693
Riekoperla sp. GAM-2015 cytochrome oxidase subunit	KU366113	81.94	99.54	7.8664e-52	Plecoptera	Gripopterygidae	Riekoperla sp. GAM-2015
Sweltsa sp. BOLD:AAC2522 voucher 10BBEPT-0008 cyto	KM532299	83.66	93.09	7.8664e-52	Plecoptera	Chloroperlidae	Sweltsa sp. BOLD:AAC2522
Togoperla limbata mitochondrial COI gene for cytoc	AB770075	83.25	93.55	7.8664e-52	Plecoptera	Perlidae	Togoperla limbata
Caenis eglinensis voucher FAMUBOLD0081 cytochrome	JQ663178	84.54	89.4	7.8664e-52	Ephemeroptera	Caenidae	Caenis eglinensis
Amphinemura sp. AMI 1 voucher 7815290119 cytochrom	HQ152097	82.16	98.16	7.8664e-52	Plecoptera	Nemouridae	Amphinemura sp. AMI 1
Amphinemura sp. AMI 1 voucher 3815320531 cytochrom	HQ152091	82.16	98.16	7.8664e-52	Plecoptera	Nemouridae	Amphinemura sp. AMI 1
Amphinemura sp. AMI 1 voucher 3015320189 cytochrom	HQ152090	82.16	98.16	7.8664e-52	Plecoptera	Nemouridae	Amphinemura sp. AMI 1
Amphinemura sp. AMI 1 voucher 7302850219 cytochrom	HQ151295	82.16	98.16	7.8664e-52	Plecoptera	Nemouridae	Amphinemura sp. AMI 1
Amphinemura sp. AMI 1 voucher 7007180207 cytochrom	HQ151294	82.16	98.16	7.8664e-52	Plecoptera	Nemouridae	Amphinemura sp. AMI 1
Amphinemura sp. AMI 1 voucher 5402560752 cytochrom	HQ151293	82.16	98.16	7.8664e-52	Plecoptera	Nemouridae	Amphinemura sp. AMI 1
Amphinemura sp. AMI 1 voucher 3902540195 cytochrom	HQ151287	82.16	98.16	7.8664e-52	Plecoptera	Nemouridae	Amphinemura sp. AMI 1
Amphinemura sp. AMI 1 voucher 4208880433 cytochrom	HQ150881	82.16	98.16	7.8664e-52	Plecoptera	Nemouridae	Amphinemura sp. AMI 1
Amphinemura sp. AMI 1 voucher 5411370578 cytochrom	HQ151098	82.16	98.16	7.8664e-52	Plecoptera	Nemouridae	Amphinemura sp. AMI 1
Amphinemura sp. AMI 1 voucher 9511420726 cytochrom	HQ151094	82.16	98.16	7.8664e-52	Plecoptera	Nemouridae	Amphinemura sp. AMI 1
Amphinemura sp. AMI 1 voucher 8011331081 cytochrom	HQ151087	82.16	98.16	7.8664e-52	Plecoptera	Nemouridae	Amphinemura sp. AMI 1
Amphinemura sp. AMI 1 voucher 4611390812 cytochrom	HQ151083	82.16	98.16	7.8664e-52	Plecoptera	Nemouridae	Amphinemura sp. AMI 1
Amphinemura sp. AMI 1 voucher 3011370363 cytochrom	HQ151079	82.16	98.16	7.8664e-52	Plecoptera	Nemouridae	Amphinemura sp. AMI 1
Amphinemura sp. AMI 1 voucher 2511421071 cytochrom	HQ151078	82.16	98.16	7.8664e-52	Plecoptera	Nemouridae	Amphinemura sp. AMI 1
Amphinemura sp. AMI 1 voucher 8302940439 cytochrom	HQ150372	82.16	98.16	7.8664e-52	Plecoptera	Nemouridae	Amphinemura sp. AMI 1
Amphinemura sp. AMI 1 voucher 6602850899 cytochrom	HQ150368	82.16	98.16	7.8664e-52	Plecoptera	Nemouridae	Amphinemura sp. AMI 1
Amphinemura sp. AMI 1 voucher 2302940854 cytochrom	HQ150359	82.16	98.16	7.8664e-52	Plecoptera	Nemouridae	Amphinemura sp. AMI 1
Amphinemura sp. AMI 1 voucher 4202720445 cytochrom	HQ150352	82.16	98.16	7.8664e-52	Plecoptera	Nemouridae	Amphinemura sp. AMI 1
Amphinemura sp. AMI 1 voucher 3602541043 cytochrom	HQ150350	82.16	98.16	7.8664e-52	Plecoptera	Nemouridae	Amphinemura sp. AMI 1
Amphinemura sp. AMI 1 voucher 3502940238 cytochrom	HQ150349	82.16	98.16	7.8664e-52	Plecoptera	Nemouridae	Amphinemura sp. AMI 1
Amphinemura sp. AMI 1 voucher 3402560192 cytochrom	HQ150347	82.16	98.16	7.8664e-52	Plecoptera	Nemouridae	Amphinemura sp. AMI 1
Dinotoperla sp. JHM-2011 cytochrome oxidase c subu	HQ889169	81.94	99.54	7.8664e-52	Plecoptera	Gripopterygidae	Dinotoperla sp. JHM-2011
Thinophilus murphyi voucher RMBR:103521 cytochrome	FJ808424	81.11	100	2.74564e-51	Diptera	Dolichopodidae	Thinophilus murphyi
Amphinemura sp. AMI 1 voucher 4202850381 cytochrom	HQ150363	81.69	98.16	9.58324e-51	Plecoptera	Nemouridae	Amphinemura sp. AMI 1