OTU_49;size=223397;.csv

Diura bicaudata

Perlodidae

Plecoptera

98.16

Diura bicaudata voucher ROM:2011219 PYK007 cytochr	KJ675377	98.16	100	3.80587e−100	Plecoptera	Perlodidae	Diura bicaudata
Diura bicaudata voucher ROM:2011263 PKT015 cytochr	KJ675053	98.16	100	3.80587e−100	Plecoptera	Perlodidae	Diura bicaudata
Capnia sp. BOLD:ACG5667 voucher BIOUG04768−F02 cyt	KM530056	85.25	100	3.8126e−62	Plecoptera	Capniidae	Capnia sp. BOLD:ACG5667
Pteronarcella regularis voucher i000213 cytochrome	KU181439	84.79	100	1.62116e−60	Plecoptera	Pteronarcyidae	Pteronarcella regularis
Pteronarcella badia voucher i000216 cytochrome oxi	KU181442	84.33	100	1.97498e−59	Plecoptera	Pteronarcyidae	Pteronarcella badia
Pteronarcella regularis voucher i000215 cytochrome	KU181441	84.33	100	1.97498e−59	Plecoptera	Pteronarcyidae	Pteronarcella regularis
Pteronarcella regularis voucher i000214 cytochrome	KU181440	84.33	100	1.97498e−59	Plecoptera	Pteronarcyidae	Pteronarcella regularis
Pteronarcella regularis voucher i000211 cytochrome	KU181438	84.33	100	1.97498e−59	Plecoptera	Pteronarcyidae	Pteronarcella regularis
Pteronarcella regularis voucher i000210 cytochrome	KU181437	84.33	100	1.97498e−59	Plecoptera	Pteronarcyidae	Pteronarcella regularis
Pteronarcella regularis voucher i000209 cytochrome	KU181436	84.33	100	1.97498e−59	Plecoptera	Pteronarcyidae	Pteronarcella regularis
Pteronarcella regularis voucher i000208 cytochrome	KU181435	84.33	100	1.97498e−59	Plecoptera	Pteronarcyidae	Pteronarcella regularis
Pteronarcella regularis voucher i000207 cytochrome	KU181434	84.33	100	1.97498e−59	Plecoptera	Pteronarcyidae	Pteronarcella regularis
Capnia sp. BOLD:ACK8742 voucher BIOUG03505−A05 cyt	KM530035	84.33	100	1.97498e−59	Plecoptera	Capniidae	Capnia sp. BOLD:ACK8742
Capnia sp. BOLD:ACK8742 voucher BIOUG03505−B09 cyt	KM528297	84.33	100	1.97498e−59	Plecoptera	Capniidae	Capnia sp. BOLD:ACK8742
Chloroperla tripunctata isolate tp009 cytochrome o	HQ705654	84.33	100	1.97498e−59	Plecoptera	Chloroperlidae	Chloroperla tripunctata
Tyrrhenoleuctra sp. TYAL−02 mitochondrial partial	FM213097	85.51	95.39	1.97498e−59	Plecoptera	Leuctridae	Tyrrhenoleuctra sp. TYAL−02
Tyrrhenoleuctra sp. TYGR−02 mitochondrial partial	FM213096	85.51	95.39	1.97498e−59	Plecoptera	Leuctridae	Tyrrhenoleuctra sp. TYGR−02
Spaniocercoides jacksoni isolate GAM15−70 cytochro	KU366124	84.26	99.54	6.89335e−59	Plecoptera	Notonemouridae	Spaniocercoides jacksoni
Togoperla limbata mitochondrial COI gene for cytoc	AB770075	84.51	98.16	2.40601e−58	Plecoptera	Perlidae	Togoperla limbata
Haploperla brevis voucher ROM:2010580 PMO023 cytoc	KJ675149	83.87	100	8.39781e−58	Plecoptera	Chloroperlidae	Haploperla brevis
Haploperla brevis voucher ROM:2010580 PMO021 cytoc	KJ675148	83.87	100	8.39781e−58	Plecoptera	Chloroperlidae	Haploperla brevis
Haploperla brevis voucher ROM:2010571 PMO024 cytoc	KJ675110	83.87	100	8.39781e−58	Plecoptera	Chloroperlidae	Haploperla brevis
Allocapnia sp. ROM 2010605 PIQ005 cytochrome oxida	KJ674992	83.87	100	8.39781e−58	Plecoptera	Capniidae	Allocapnia sp. ROM 2010605 PIQ005
Allocapnia sp. ROM 2010604 PIQ001 cytochrome oxida	KJ674986	83.87	100	8.39781e−58	Plecoptera	Capniidae	Allocapnia sp. ROM 2010604 PIQ001
Besdolus ventralis voucher Bve−01 cytochrome oxida	JN034557	83.87	100	8.39781e−58	Plecoptera	Perlodidae	Besdolus ventralis
Haploperla brevis voucher EPA847 cytochrome oxidas	JN200537	83.87	100	8.39781e−58	Plecoptera	Chloroperlidae	Haploperla brevis
Clioperla sp. BOLD:AAD1598 voucher 2402430162 cyto	JN198574	83.87	100	8.39781e−58	Plecoptera	Perlodidae	Clioperla sp. BOLD:AAD1598
Clioperla clio voucher 5314870154 cytochrome oxida	HQ151887	83.87	100	8.39781e−58	Plecoptera	Perlodidae	Clioperla clio
Clioperla clio voucher 390023253 cytochrome oxidas	HQ151357	83.87	100	8.39781e−58	Plecoptera	Perlodidae	Clioperla clio
Clioperla sp. AMI 1 voucher 6002450149 cytochrome	HQ150443	83.87	100	8.39781e−58	Plecoptera	Perlodidae	Clioperla sp. AMI 1
Clioperla sp. AMI 1 voucher 5802490177 cytochrome	HQ150442	83.87	100	8.39781e−58	Plecoptera	Perlodidae	Clioperla sp. AMI 1
Siphonoperla montana isolate mo200 cytochrome oxid	HQ705632	83.87	100	8.39781e−58	Plecoptera	Chloroperlidae	Siphonoperla montana
Haploperla brevis voucher 07PROBE−02696 cytochrome	GU115783	83.87	100	8.39781e−58	Plecoptera	Chloroperlidae	Haploperla brevis
Haploperla brevis voucher 07PROBE−02690 cytochrome	GU115777	83.87	100	8.39781e−58	Plecoptera	Chloroperlidae	Haploperla brevis
Mesocapnia arizonensis mitochondrion, partial geno	KP642637	83.8	99.54	2.93113e−57	Plecoptera	Capniidae	Mesocapnia arizonensis
Nemoura flexuosa voucher NHMO−EPT_582 cytochrome o	JX905856	83.8	99.54	2.93113e−57	Plecoptera	Nemouridae	Nemoura flexuosa
Togoperla limbata mitochondrial COI gene for cytoc	AB770073	84.04	98.16	2.93113e−57	Plecoptera	Perlidae	Togoperla limbata
Isoperla cotta voucher 09NBSTO−0063 cytochrome oxi	KR147728	83.41	100	1.02306e−56	Plecoptera	Perlodidae	Isoperla cotta
Isoperla cotta voucher 09NBSTO−0072 cytochrome oxi	KR145632	83.41	100	1.02306e−56	Plecoptera	Perlodidae	Isoperla cotta
Plecoptera sp. BOLD:ACR4736 voucher BIOUG16343−G12	KR144160	83.41	100	1.02306e−56	Plecoptera		Plecoptera sp. BOLD:ACR4736
Isoperla cotta voucher 09NBSTO−0082 cytochrome oxi	KR143473	83.41	100	1.02306e−56	Plecoptera	Perlodidae	Isoperla cotta
Megandiperla sp. GAM−2015 cytochrome oxidase subun	KU366100	85.15	93.09	1.02306e−56	Plecoptera	Gripopterygidae	Megandiperla sp. GAM−2015
Dinotoperla fontana isolate GAM15−30 cytochrome ox	KU366082	84.29	96.77	1.02306e−56	Plecoptera	Gripopterygidae	Dinotoperla fontana
Isoperla bilineata voucher ROM:2010618 PSV005 cyto	KJ675274	83.41	100	1.02306e−56	Plecoptera	Perlodidae	Isoperla bilineata
Isoperla sp. ROM 2010580 PMO017 cytochrome oxidase	KJ675146	83.41	100	1.02306e−56	Plecoptera	Perlodidae	Isoperla sp. ROM 2010580 PMO017
Isoperla sp. ROM 2010631 PGB019 cytochrome oxidase	KJ674940	83.41	100	1.02306e−56	Plecoptera	Perlodidae	Isoperla sp. ROM 2010631 PGB019
Besdolus bicolor voucher Bbi−01 cytochrome oxidase	JN034560	83.41	100	1.02306e−56	Plecoptera	Perlodidae	Besdolus bicolor
Besdolus ravizzarum voucher Bra−11 cytochrome oxid	JN034547	83.41	100	1.02306e−56	Plecoptera	Perlodidae	Besdolus ravizzarum
Clioperla clio voucher EPA807 cytochrome oxidase s	JN200508	83.41	100	1.02306e−56	Plecoptera	Perlodidae	Clioperla clio
Clioperla clio voucher EPA806 cytochrome oxidase s	JN200507	83.41	100	1.02306e−56	Plecoptera	Perlodidae	Clioperla clio
Isoperla sp. BOLD:AAA9660 voucher 8311310406 cytoc	JN200380	83.41	100	1.02306e−56	Plecoptera	Perlodidae	Isoperla sp. BOLD:AAA9660
Isoperla sp. BOLD:AAA9660 voucher 2011310112 cytoc	JN200378	83.41	100	1.02306e−56	Plecoptera	Perlodidae	Isoperla sp. BOLD:AAA9660
Clioperla sp. BOLD:AAD1599 voucher 3511500125 cyto	JN198575	83.41	100	1.02306e−56	Plecoptera	Perlodidae	Clioperla sp. BOLD:AAD1599
Clioperla clio voucher 2619320196 cytochrome oxida	HQ152523	83.41	100	1.02306e−56	Plecoptera	Perlodidae	Clioperla clio
Clioperla sp. AMI 1 voucher 9108700196 cytochrome	HQ150904	83.41	100	1.02306e−56	Plecoptera	Perlodidae	Clioperla sp. AMI 1
Isoperla sp. AMI 1 voucher 9511310297 cytochrome o	HQ151233	83.41	100	1.02306e−56	Plecoptera	Perlodidae	Isoperla sp. AMI 1
Isoperla sp. AMI 1 voucher 7011310504 cytochrome o	HQ151223	83.41	100	1.02306e−56	Plecoptera	Perlodidae	Isoperla sp. AMI 1
Isoperla sp. AMI 1 voucher 5011310892 cytochrome o	HQ151217	83.41	100	1.02306e−56	Plecoptera	Perlodidae	Isoperla sp. AMI 1
Isoperla sp. AMI 1 voucher 130021362 cytochrome ox	HQ261136	83.41	100	1.02306e−56	Plecoptera	Perlodidae	Isoperla sp. AMI 1
Siphonoperla montana isolate mo123 cytochrome oxid	HQ705631	83.41	100	1.02306e−56	Plecoptera	Chloroperlidae	Siphonoperla montana
Haploperla brevis voucher 07PROBE−02681 cytochrome	GU115780	83.41	100	1.02306e−56	Plecoptera	Chloroperlidae	Haploperla brevis
Omanuperla hollowayae isolate GAM15−61 cytochrome	KU366122	83.33	99.54	3.57084e−56	Plecoptera	Notonemouridae	Omanuperla hollowayae
Capnia confusa voucher BIOUG03096−B08 cytochrome o	KM533911	83.33	99.54	3.57084e−56	Plecoptera	Capniidae	Capnia confusa
Capnia confusa voucher BIOUG03505−A04 cytochrome o	KM528390	83.33	99.54	3.57084e−56	Plecoptera	Capniidae	Capnia confusa
Nemoura flexuosa voucher NHMO−EPT_933 cytochrome o	JX905853	83.33	99.54	3.57084e−56	Plecoptera	Nemouridae	Nemoura flexuosa
Cryptoperla japonica mitochondrial COI gene for cy	AB711255	83.33	99.54	3.57084e−56	Plecoptera	Peltoperlidae	Cryptoperla japonica
Cryptoperla japonica mitochondrial COI gene for cy	AB711254	83.33	99.54	3.57084e−56	Plecoptera	Peltoperlidae	Cryptoperla japonica
Cryptoperla japonica mitochondrial COI gene for cy	AB711251	83.33	99.54	3.57084e−56	Plecoptera	Peltoperlidae	Cryptoperla japonica
Cryptoperla japonica mitochondrial COI gene for cy	AB711249	83.33	99.54	3.57084e−56	Plecoptera	Peltoperlidae	Cryptoperla japonica
Cryptoperla japonica mitochondrial COI gene for cy	AB711247	83.33	99.54	3.57084e−56	Plecoptera	Peltoperlidae	Cryptoperla japonica
Cryptoperla japonica mitochondrial COI gene for cy	AB711246	83.33	99.54	3.57084e−56	Plecoptera	Peltoperlidae	Cryptoperla japonica
Cryptoperla japonica mitochondrial CO1 gene for cy	AB711245	83.33	99.54	3.57084e−56	Plecoptera	Peltoperlidae	Cryptoperla japonica
Isoperla sp. AMI 1 voucher 4009180167 cytochrome o	HQ150957	85.15	93.09	3.57084e−56	Plecoptera	Perlodidae	Isoperla sp. AMI 1
Isoperla sp. AMI 1 voucher 2409130155 cytochrome o	HQ150943	85.15	93.09	3.57084e−56	Plecoptera	Perlodidae	Isoperla sp. AMI 1
Siphonoperla lepineyi isolate lp008 cytochrome oxi	HQ705656	83.33	99.54	3.57084e−56	Plecoptera	Chloroperlidae	Siphonoperla lepineyi
Illiesoperla sp. GAM−2015 cytochrome oxidase subun	KU366086	87.03	85.25	1.24635e−55	Plecoptera	Gripopterygidae	Illiesoperla sp. GAM−2015
Cryptoperla japonica mitochondrial COI gene for cy	AB711250	83.57	98.16	1.24635e−55	Plecoptera	Peltoperlidae	Cryptoperla japonica
Besdolus bicolor voucher Bbi−02 cytochrome oxidase	JN034561	84.73	93.55	1.24635e−55	Plecoptera	Perlodidae	Besdolus bicolor
Perlodes microcephalus voucher Pmi−01 cytochrome o	JN034549	83.57	98.16	1.24635e−55	Plecoptera	Perlodidae	Perlodes microcephalus
Haploperla brevis voucher 09NBSTO−0041 cytochrome	KR147962	82.95	100	4.35018e−55	Plecoptera	Chloroperlidae	Haploperla brevis
Haploperla brevis voucher 09NBSTO−0022 cytochrome	KR147399	82.95	100	4.35018e−55	Plecoptera	Chloroperlidae	Haploperla brevis
Isoperla cotta voucher 09NBSTO−0070 cytochrome oxi	KR146888	82.95	100	4.35018e−55	Plecoptera	Perlodidae	Isoperla cotta
Haploperla brevis voucher 09NBSTO−0026 cytochrome	KR146550	82.95	100	4.35018e−55	Plecoptera	Chloroperlidae	Haploperla brevis
Haploperla brevis voucher 09NBSTO−0029 cytochrome	KR141280	82.95	100	4.35018e−55	Plecoptera	Chloroperlidae	Haploperla brevis
Clioperla clio voucher BIOUG00638−G11 cytochrome o	KR145049	82.95	100	4.35018e−55	Plecoptera	Perlodidae	Clioperla clio
Clioperla clio voucher BIOUG00638−G12 cytochrome o	KR143979	82.95	100	4.35018e−55	Plecoptera	Perlodidae	Clioperla clio
Haploperla brevis voucher 09NBSTO−0040 cytochrome	KR143428	82.95	100	4.35018e−55	Plecoptera	Chloroperlidae	Haploperla brevis
Pteronarcella badia voucher i000527 cytochrome oxi	KU181559	82.95	100	4.35018e−55	Plecoptera	Pteronarcyidae	Pteronarcella badia
Plumiperla diversa voucher 10BBEPT−0021 cytochrome	KM529047	82.95	100	4.35018e−55	Plecoptera	Chloroperlidae	Plumiperla diversa
Isoperla sp. ROM 2010623 PSV017 cytochrome oxidase	KJ675315	82.95	100	4.35018e−55	Plecoptera	Perlodidae	Isoperla sp. ROM 2010623 PSV017
Isoperla sp. ROM 2010623 PSV013 cytochrome oxidase	KJ675312	82.95	100	4.35018e−55	Plecoptera	Perlodidae	Isoperla sp. ROM 2010623 PSV013
Allocapnia vivipara voucher ROM:2011255 POM024 cyt	KJ675259	82.95	100	4.35018e−55	Plecoptera	Capniidae	Allocapnia vivipara
Plumiperla diversa voucher ROM:2011234 POM011 cyto	KJ675227	82.95	100	4.35018e−55	Plecoptera	Chloroperlidae	Plumiperla diversa
Plumiperla diversa voucher ROM:2011234 POM008 cyto	KJ675224	82.95	100	4.35018e−55	Plecoptera	Chloroperlidae	Plumiperla diversa
Isoperla sp. ROM 2010579 PMO005 cytochrome oxidase	KJ675129	82.95	100	4.35018e−55	Plecoptera	Perlodidae	Isoperla sp. ROM 2010579 PMO005
Isoperla sp. ROM 2010631 PGB015 cytochrome oxidase	KJ674937	82.95	100	4.35018e−55	Plecoptera	Perlodidae	Isoperla sp. ROM 2010631 PGB015
Isoperla sp. ROM 2010630 PGB011 cytochrome oxidase	KJ674918	82.95	100	4.35018e−55	Plecoptera	Perlodidae	Isoperla sp. ROM 2010630 PGB011
Isoperla sp. ROM 2010630 PGB007 cytochrome oxidase	KJ674914	82.95	100	4.35018e−55	Plecoptera	Perlodidae	Isoperla sp. ROM 2010630 PGB007
Perlodidae sp. AMI 1 voucher 1820940227 cytochrome	HQ152703	84.16	93.09	1.51836e−54	Plecoptera	Perlodidae	Perlodidae sp. AMI 1
Isoperla sp. AMI 1 voucher 8619440128 cytochrome o	HQ152591	84.16	93.09	1.51836e−54	Plecoptera	Perlodidae	Isoperla sp. AMI 1