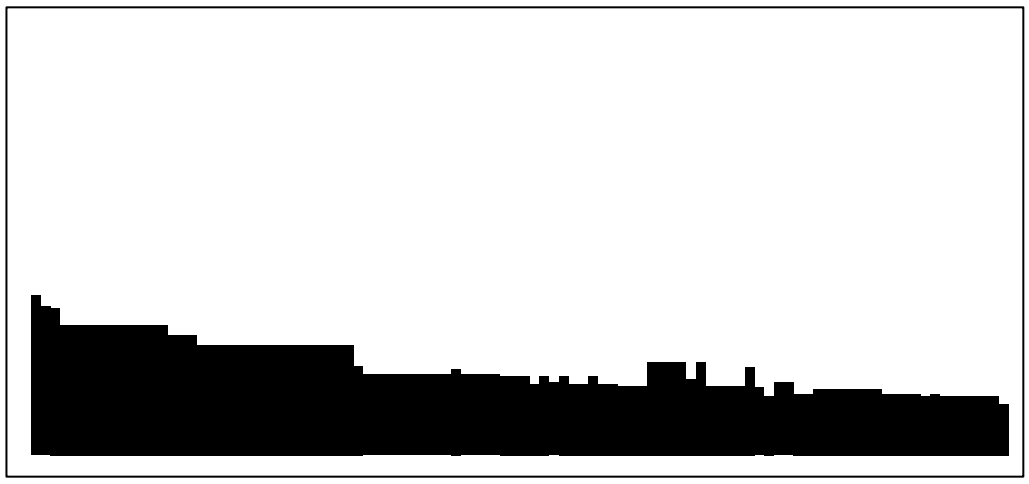
OTU_73;size=58707;.csv

Leuctra fusca

Leuctridae

Plecoptera

87.5



Leuctra fusca mitochondrial partial coi gene for c	FM213089	87.5	99.54	4.06698e−68	Plecoptera	Leuctridae	Leuctra fusca
Leuctra braueri isolate 300901 cytochrome oxidase	JQ736342	86.98	99.08	1.72933e−66	Plecoptera	Leuctridae	Leuctra braueri
Leuctra major isolate 300651 cytochrome oxidase su	JQ736340	86.92	98.62	6.03594e−66	Plecoptera	Leuctridae	Leuctra major
Leuctra digitata voucher BIOUG04363−F01 cytochrome	KT874617	86.11	99.54	2.56655e−64	Plecoptera	Leuctridae	Leuctra digitata
Leuctra digitata voucher BIOUG04363−C08 cytochrome	KT874615	86.11	99.54	2.56655e−64	Plecoptera	Leuctridae	Leuctra digitata
Leuctra digitata voucher BIOUG04082−F09 cytochrome	KT874614	86.11	99.54	2.56655e−64	Plecoptera	Leuctridae	Leuctra digitata
Leuctra digitata voucher BIOUG04363−D09 cytochrome	KT874613	86.11	99.54	2.56655e−64	Plecoptera	Leuctridae	Leuctra digitata
Leuctra digitata voucher BIOUG04363−D06 cytochrome	KT874611	86.11	99.54	2.56655e−64	Plecoptera	Leuctridae	Leuctra digitata
Leuctra digitata voucher BIOUG04363−F02 cytochrome	KT874608	86.11	99.54	2.56655e−64	Plecoptera	Leuctridae	Leuctra digitata
Leuctra sp. BOLD:ACY3863 voucher BIOUG04509−B08 cy	KT874606	86.11	99.54	2.56655e−64	Plecoptera	Leuctridae	Leuctra sp. BOLD:ACY3863
Leuctra sp. BOLD:ACY3863 voucher BIOUG03133−G10 cy	KT874605	86.11	99.54	2.56655e−64	Plecoptera	Leuctridae	Leuctra sp. BOLD:ACY3863
Leuctra digitata voucher BIOUG04363−C10 cytochrome	KT874600	86.11	99.54	2.56655e−64	Plecoptera	Leuctridae	Leuctra digitata
Leuctra digitata voucher BIOUG04363−E07 cytochrome	KT874595	86.11	99.54	2.56655e−64	Plecoptera	Leuctridae	Leuctra digitata
Leuctra digitata voucher BIOUG04363−E12 cytochrome	KT874591	86.11	99.54	2.56655e−64	Plecoptera	Leuctridae	Leuctra digitata
Leuctra digitata voucher BIOUG04363−D05 cytochrome	KT874609	85.65	99.54	1.09132e−62	Plecoptera	Leuctridae	Leuctra digitata
Leuctra sp. BOLD:ACY3863 voucher BIOUG04509−B12 cy	KT874604	85.65	99.54	1.09132e−62	Plecoptera	Leuctridae	Leuctra sp. BOLD:ACY3863
Leuctra digitata voucher BIOUG04363−D07 cytochrome	KT874594	85.65	99.54	1.09132e−62	Plecoptera	Leuctridae	Leuctra digitata
Leuctra digitata voucher BIOUG04363−E11 cytochrome	KT874616	85.19	99.54	1.3295e−61	Plecoptera	Leuctridae	Leuctra digitata
Leuctra digitata voucher BIOUG04509−B09 cytochrome	KT874612	85.19	99.54	1.3295e−61	Plecoptera	Leuctridae	Leuctra digitata
Leuctra digitata voucher BIOUG04363−E09 cytochrome	KT874610	85.19	99.54	1.3295e−61	Plecoptera	Leuctridae	Leuctra digitata
Leuctra digitata voucher BIOUG04363−C09 cytochrome	KT874607	85.19	99.54	1.3295e−61	Plecoptera	Leuctridae	Leuctra digitata
Leuctra digitata voucher BIOUG04363−E03 cytochrome	KT874603	85.19	99.54	1.3295e−61	Plecoptera	Leuctridae	Leuctra digitata
Leuctra digitata voucher BIOUG04509−B05 cytochrome	KT874602	85.19	99.54	1.3295e−61	Plecoptera	Leuctridae	Leuctra digitata
Leuctra digitata voucher BIOUG04363−E08 cytochrome	KT874601	85.19	99.54	1.3295e−61	Plecoptera	Leuctridae	Leuctra digitata
Leuctra digitata voucher BIOUG04363−E02 cytochrome	KT874599	85.19	99.54	1.3295e−61	Plecoptera	Leuctridae	Leuctra digitata
Leuctra digitata voucher BIOUG04363−E01 cytochrome	KT874598	85.19	99.54	1.3295e−61	Plecoptera	Leuctridae	Leuctra digitata
Leuctra digitata voucher BIOUG04363−C07 cytochrome	KT874597	85.19	99.54	1.3295e−61	Plecoptera	Leuctridae	Leuctra digitata
Leuctra digitata voucher BIOUG04363−D12 cytochrome	KT874596	85.19	99.54	1.3295e−61	Plecoptera	Leuctridae	Leuctra digitata
Leuctra digitata voucher BIOUG04082−F08 cytochrome	KT874593	85.19	99.54	1.3295e−61	Plecoptera	Leuctridae	Leuctra digitata
Leuctra digitata voucher BIOUG04363−E05 cytochrome	KT874592	85.19	99.54	1.3295e−61	Plecoptera	Leuctridae	Leuctra digitata
Leuctra digitata voucher BIOUG04363−E04 cytochrome	KT874590	85.19	99.54	1.3295e−61	Plecoptera	Leuctridae	Leuctra digitata
Leuctra digitata voucher BIOUG04363−D08 cytochrome	KT874589	85.19	99.54	1.3295e−61	Plecoptera	Leuctridae	Leuctra digitata
Leuctra hippopus voucher NHMO−EPT_001 cytochrome o	KF809176	85.19	99.54	1.3295e−61	Plecoptera	Leuctridae	Leuctra hippopus
Leuctra sibleyi voucher EPA0732 cytochrome oxidase	JN200610	84.19	99.08	2.4038e−58	Plecoptera	Leuctridae	Leuctra sibleyi
Leuctra sp. BOLD:ACM0436 voucher BIOUG10879−A11 cy	KR380611	83.8	99.54	2.92843e−57	Plecoptera	Leuctridae	Leuctra sp. BOLD:ACM0436
Leuctra sp. BOLD:ACM0436 voucher BIOUG10879−A02 cy	KR379557	83.8	99.54	2.92843e−57	Plecoptera	Leuctridae	Leuctra sp. BOLD:ACM0436
Leuctra sp. BOLD:ACM0436 voucher BIOUG10879−F01 cy	KR379342	83.8	99.54	2.92843e−57	Plecoptera	Leuctridae	Leuctra sp. BOLD:ACM0436
Leuctra sp. BOLD:ACM0436 voucher BIOUG11071−C07 cy	KR378787	83.8	99.54	2.92843e−57	Plecoptera	Leuctridae	Leuctra sp. BOLD:ACM0436
Leuctra sp. BOLD:ACM0436 voucher BIOUG10879−F02 cy	KR378159	83.8	99.54	2.92843e−57	Plecoptera	Leuctridae	Leuctra sp. BOLD:ACM0436
Leuctra sp. BOLD:ACM0436 voucher BIOUG11287−H06 cy	KR377494	83.8	99.54	2.92843e−57	Plecoptera	Leuctridae	Leuctra sp. BOLD:ACM0436
Leuctra sp. BOLD:ACI5491 voucher BIOUG02707−C08 cy	KR147083	83.8	99.54	2.92843e−57	Plecoptera	Leuctridae	Leuctra sp. BOLD:ACI5491
Leuctra sp. BOLD:ACI5491 voucher BIOUG02707−C11 cy	KR146765	83.8	99.54	2.92843e−57	Plecoptera	Leuctridae	Leuctra sp. BOLD:ACI5491
Leuctra sp. BOLD:ACM0436 voucher BIOUG16138−C01 cy	KR146721	83.8	99.54	2.92843e−57	Plecoptera	Leuctridae	Leuctra sp. BOLD:ACM0436
Arcynopteryx compacta haplotype H79 cytochrome oxi	JF312863	84.04	98.16	2.92843e−57	Plecoptera	Perlodidae	Arcynopteryx compacta
Leuctra tenuis voucher EPA0740 cytochrome oxidase	JN200617	83.8	99.54	2.92843e−57	Plecoptera	Leuctridae	Leuctra tenuis
Leuctra ferruginea voucher EPA0723 cytochrome oxid	JN200605	83.8	99.54	2.92843e−57	Plecoptera	Leuctridae	Leuctra ferruginea
Leuctra sp. AMI 1 voucher 4915880273 cytochrome ox	HQ152218	83.8	99.54	2.92843e−57	Plecoptera	Leuctridae	Leuctra sp. AMI 1
Leuctra sp. AMI 1 voucher 3615850682 cytochrome ox	HQ152211	83.8	99.54	2.92843e−57	Plecoptera	Leuctridae	Leuctra sp. AMI 1
Leuctra sp. AMI 1 voucher 3608910293 cytochrome ox	HQ150966	83.72	99.08	2.92843e−57	Plecoptera	Leuctridae	Leuctra sp. AMI 1
Leuctra sp. BOLD:ACM0436 voucher BIOUG10776−D08 cy	KR380118	83.72	99.08	1.02212e−56	Plecoptera	Leuctridae	Leuctra sp. BOLD:ACM0436
Leuctra sp. BOLD:AAB8082 voucher BIOUG02707−C05 cy	KR147556	83.72	99.08	1.02212e−56	Plecoptera	Leuctridae	Leuctra sp. BOLD:AAB8082
Leuctra sp. BOLD:ACI5491 voucher BIOUG02707−A02 cy	KR141165	83.33	99.54	1.02212e−56	Plecoptera	Leuctridae	Leuctra sp. BOLD:ACI5491
Leuctra sp. BOLD:AAB8082 voucher BIOUG02707−B04 cy	KR145839	83.72	99.08	1.02212e−56	Plecoptera	Leuctridae	Leuctra sp. BOLD:AAB8082
Protonemura nimborella isolate 300938 cytochrome o	JQ736346	83.41	100	1.02212e−56	Plecoptera	Nemouridae	Protonemura nimborella
Leuctra sp. BOLD:AAI1307 voucher 3412240642 cytoch	JN198676	83.72	99.08	1.02212e−56	Plecoptera	Leuctridae	Leuctra sp. BOLD:AAI1307
Leuctra sp. AMI 1 voucher 9615870246 cytochrome ox	HQ152237	83.33	99.54	1.02212e−56	Plecoptera	Leuctridae	Leuctra sp. AMI 1
Leuctra sp. AMI 1 voucher 6302870179 cytochrome ox	HQ150577	83.33	99.54	1.02212e−56	Plecoptera	Leuctridae	Leuctra sp. AMI 1
Leuctra sp. SLB−2003 cytochrome c oxidase subunit	AY165660	83.72	99.08	1.02212e−56	Plecoptera	Leuctridae	Leuctra sp. SLB−2003
Leuctra sp. BOLD:ACI5491 voucher BIOUG02707−C10 cy	KR141894	83.33	99.54	3.56756e−56	Plecoptera	Leuctridae	Leuctra sp. BOLD:ACI5491
Leuctra duplicata voucher EPA0086 cytochrome oxida	JN200603	83.33	99.54	3.56756e−56	Plecoptera	Leuctridae	Leuctra duplicata
Leuctra sp. AMI 1 voucher 9115780121 cytochrome ox	HQ152234	83.26	99.08	3.56756e−56	Plecoptera	Leuctridae	Leuctra sp. AMI 1
Leuctra duplicata voucher BIOUG11368−A07 cytochrom	KR380019	83.26	99.08	1.2452e−55	Plecoptera	Leuctridae	Leuctra duplicata
Leuctridae sp. BOLD:AAB5483 voucher BIOUG12625−F11	KR144361	83.26	99.08	1.2452e−55	Plecoptera	Leuctridae	Leuctridae sp. BOLD:AAB5483
Arcynopteryx compacta voucher ROM:2011234 POM010 c	KJ675226	84.39	94.47	1.2452e−55	Plecoptera	Perlodidae	Arcynopteryx compacta
Arcynopteryx compacta voucher ROM:2011264 PKT017 c	KJ675058	84.39	94.47	1.2452e−55	Plecoptera	Perlodidae	Arcynopteryx compacta
Arcynopteryx compacta voucher ROM:2011257 PKT012 c	KJ675044	84.39	94.47	1.2452e−55	Plecoptera	Perlodidae	Arcynopteryx compacta
Arcynopteryx compacta haplotype H80 cytochrome oxi	JF312864	84.39	94.47	1.2452e−55	Plecoptera	Perlodidae	Arcynopteryx compacta
Arcynopteryx compacta haplotype H76 cytochrome oxi	JF312860	83.57	98.16	1.2452e−55	Plecoptera	Perlodidae	Arcynopteryx compacta
Arcynopteryx compacta haplotype H16 cytochrome oxi	JF312800	84.39	94.47	1.2452e−55	Plecoptera	Perlodidae	Arcynopteryx compacta
Leuctra sibleyi voucher EPA0735 cytochrome oxidase	JN200612	83.26	99.08	1.2452e−55	Plecoptera	Leuctridae	Leuctra sibleyi
Leuctra carolinensis voucher EPA0717 cytochrome ox	JN200600	83.26	99.08	1.2452e−55	Plecoptera	Leuctridae	Leuctra carolinensis
Leuctra sp. BOLD:AAB5483 voucher 6812320572 cytoch	JN200386	83.26	99.08	1.2452e−55	Plecoptera	Leuctridae	Leuctra sp. BOLD:AAB5483
Leuctra sp. BOLD:AAB8082 voucher 9811490482 cytoch	JN198671	83.26	99.08	1.2452e−55	Plecoptera	Leuctridae	Leuctra sp. BOLD:AAB8082
Siphonoperla torrentium italica isolate tr077 cyto	HQ705650	84.13	95.85	1.2452e−55	Plecoptera	Chloroperlidae	Siphonoperla torrentium italica
Teutoperla auberti isolate GAM15−78 cytochrome oxi	KU366102	83.18	98.62	4.34617e−55	Plecoptera	Gripopterygidae	Teutoperla auberti
Leuctra sp. AMI 1 voucher 4415800385 cytochrome ox	HQ152216	82.79	99.08	4.34617e−55	Plecoptera	Leuctridae	Leuctra sp. AMI 1
Leuctra sp. BOLD:ACM0436 voucher BIOUG10776−D07 cy	KR381279	83.41	97.24	1.51696e−54	Plecoptera	Leuctridae	Leuctra sp. BOLD:ACM0436
Leuctra sp. BOLD:ACM0436 voucher BIOUG10776−D09 cy	KR380289	83.41	97.24	1.51696e−54	Plecoptera	Leuctridae	Leuctra sp. BOLD:ACM0436
Leuctra sp. BOLD:AAC1685 voucher BIOUG02707−F12 cy	KR141349	82.87	99.54	1.51696e−54	Plecoptera	Leuctridae	Leuctra sp. BOLD:AAC1685
Leuctra sp. BOLD:AAC1685 voucher BIOUG02705−B04 cy	KR145343	82.87	99.54	1.51696e−54	Plecoptera	Leuctridae	Leuctra sp. BOLD:AAC1685
Arthropoda environmental sample clone HENBPVM10GHP	KC280409	83.1	98.16	1.51696e−54			Arthropoda environmental sample
Arcynopteryx compacta haplotype H78 cytochrome oxi	JF312862	83.1	98.16	1.51696e−54	Plecoptera	Perlodidae	Arcynopteryx compacta
Arcynopteryx compacta haplotype H77 cytochrome oxi	JF312861	83.1	98.16	1.51696e−54	Plecoptera	Perlodidae	Arcynopteryx compacta
Arcynopteryx compacta haplotype H62 cytochrome oxi	JF312846	83.1	98.16	1.51696e−54	Plecoptera	Perlodidae	Arcynopteryx compacta
Arcynopteryx compacta haplotype H61 cytochrome oxi	JF312845	83.1	98.16	1.51696e−54	Plecoptera	Perlodidae	Arcynopteryx compacta
Arcynopteryx compacta haplotype H59 cytochrome oxi	JF312843	83.1	98.16	1.51696e−54	Plecoptera	Perlodidae	Arcynopteryx compacta
Arcynopteryx compacta haplotype H58 cytochrome oxi	JF312842	83.1	98.16	1.51696e−54	Plecoptera	Perlodidae	Arcynopteryx compacta
Leuctra grandis voucher EPA0731 cytochrome oxidase	JN200609	82.87	99.54	1.51696e−54	Plecoptera	Leuctridae	Leuctra grandis
Plecoptera sp. BOLD:AAC1689 voucher 08−SWRC−1254 c	JF287717	82.87	99.54	1.51696e−54	Plecoptera		Plecoptera sp. BOLD:AAC1689
Plecoptera sp. BOLD:AAC1689 voucher 08−SWRC−1252 c	JF287716	82.87	99.54	1.51696e−54	Plecoptera		Plecoptera sp. BOLD:AAC1689
Leuctridae sp. BOLD:AAC1689 voucher 08−SWRC−0864 c	JF287375	82.87	99.54	1.51696e−54	Plecoptera	Leuctridae	Leuctridae sp. BOLD:AAC1689
Leuctra sp. AMI 1 voucher 6715800179 cytochrome ox	HQ152227	82.79	99.08	1.51696e−54	Plecoptera	Leuctridae	Leuctra sp. AMI 1
Leuctra sp. AMI 1 voucher 4402870325 cytochrome ox	HQ150569	82.87	99.54	1.51696e−54	Plecoptera	Leuctridae	Leuctra sp. AMI 1
Leuctra duplicata voucher BIOUG13938−F06 cytochrom	KR381217	82.79	99.08	5.29472e−54	Plecoptera	Leuctridae	Leuctra duplicata
Leuctra duplicata voucher BIOUG13938−F07 cytochrom	KR381066	82.79	99.08	5.29472e−54	Plecoptera	Leuctridae	Leuctra duplicata
Leuctra duplicata voucher BIOUG11435−D02 cytochrom	KR380326	82.79	99.08	5.29472e−54	Plecoptera	Leuctridae	Leuctra duplicata
Leuctra duplicata voucher BIOUG11435−H11 cytochrom	KR379639	82.79	99.08	5.29472e−54	Plecoptera	Leuctridae	Leuctra duplicata
Leuctra duplicata voucher BIOUG13938−F08 cytochrom	KR379459	82.79	99.08	5.29472e−54	Plecoptera	Leuctridae	Leuctra duplicata
Leuctra duplicata voucher BIOUG11435−D04 cytochrom	KR379303	82.79	99.08	5.29472e−54	Plecoptera	Leuctridae	Leuctra duplicata
Leuctra sp. BOLD:AAC1685 voucher BIOUG02707−A12 cy	KR140564	82.41	99.54	1.84804e−53	Plecoptera	Leuctridae	Leuctra sp. BOLD:AAC1685