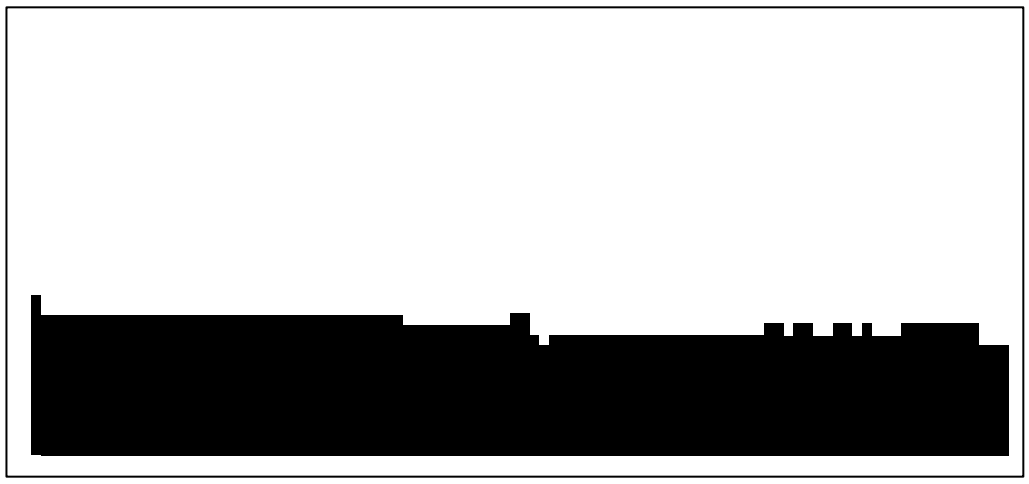
OTU_2;size=19298808;.csv

Chaetopteryx rugulosa schmidi

Limnephilidae

Trichoptera

87.5



Chaetopteryx rugulosa schmidi mitochondrial partia	HE858259	87.5	99.54	4.07073e−68	Trichoptera	Limnephilidae	Chaetopteryx rugulosa schmidi
Grammotaulius interrogationis voucher BIOUG<CAN>:0	GU113982	86.57	99.54	6.0415e−66	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Grammotaulius interrogationis voucher BIOUG<CAN>:T	GU113549	86.57	99.54	6.0415e−66	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Grammotaulius sp. BOLD:AAA2798 voucher BIOUG11685−	KR377143	86.57	99.54	2.10869e−65	Trichoptera	Limnephilidae	Grammotaulius sp. BOLD:AAA2798
Limnephilidae sp. BOLD:AAA2798 voucher BIOUG16507−	KR145174	86.57	99.54	2.10869e−65	Trichoptera	Limnephilidae	Limnephilidae sp. BOLD:AAA2798
Limnephilidae sp. BOLD:AAA2798 voucher BIOUG16507−	KR144297	86.57	99.54	2.10869e−65	Trichoptera	Limnephilidae	Limnephilidae sp. BOLD:AAA2798
Grammotaulius lorettae cytochrome c oxidase subuni	KM463963	86.57	99.54	2.10869e−65	Trichoptera	Limnephilidae	Grammotaulius lorettae
Limnephilus concolor voucher BIOUG00838−F01 cytoch	KM534563	86.57	99.54	2.10869e−65	Trichoptera	Limnephilidae	Limnephilus concolor
Grammotaulius interrogationis voucher ROM:2011261	KJ675269	86.57	99.54	2.10869e−65	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Grammotaulius interrogationis voucher ROM:2011266	KJ675070	86.57	99.54	2.10869e−65	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Grammotaulius interrogationis voucher ROM:2011266	KJ675069	86.57	99.54	2.10869e−65	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Grammotaulius interrogationis voucher ROM:2011240	KJ675029	86.57	99.54	2.10869e−65	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Grammotaulius interrogationis voucher ROM:2011240	KJ675028	86.57	99.54	2.10869e−65	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Grammotaulius interrogationis voucher ROM:2011240	KJ675027	86.57	99.54	2.10869e−65	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Grammotaulius interrogationis voucher ROM:2011239	KJ675023	86.57	99.54	2.10869e−65	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Grammotaulius interrogationis voucher BIOUG00928−D	JX682067	86.57	99.54	2.10869e−65	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Grammotaulius interrogationis voucher BIOUG00928−A	JX682062	86.57	99.54	2.10869e−65	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Grammotaulius interrogationis voucher BIOUG<CAN>:0	GU711976	86.57	99.54	2.10869e−65	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Grammotaulius interrogationis voucher 07PROBE−0175	GU114750	86.57	99.54	2.10869e−65	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Grammotaulius interrogationis voucher BIOUG<CAN>:0	GU113989	86.57	99.54	2.10869e−65	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Grammotaulius interrogationis voucher BIOUG<CAN>:0	GU113988	86.57	99.54	2.10869e−65	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Grammotaulius interrogationis voucher BIOUG<CAN>:0	GU113985	86.57	99.54	2.10869e−65	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Grammotaulius interrogationis voucher BIOUG<CAN>:0	GU113979	86.57	99.54	2.10869e−65	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Grammotaulius interrogationis voucher BIOUG<CAN>:0	GU113971	86.57	99.54	2.10869e−65	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Grammotaulius interrogationis voucher BIOUG<CAN>:0	GU113965	86.57	99.54	2.10869e−65	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Grammotaulius interrogationis voucher BIOUG<CAN>:0	GU113963	86.57	99.54	2.10869e−65	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Grammotaulius interrogationis voucher BIOUG<CAN>:0	GU113962	86.57	99.54	2.10869e−65	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Grammotaulius interrogationis voucher BIOUG<CAN>:C	GU113704	86.57	99.54	2.10869e−65	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Grammotaulius interrogationis voucher BIOUG<CAN>:C	GU113696	86.57	99.54	2.10869e−65	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Grammotaulius interrogationis voucher BIOUG<CAN>:C	GU113689	86.57	99.54	2.10869e−65	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Grammotaulius interrogationis voucher BIOUG<CAN>:C	GU113686	86.57	99.54	2.10869e−65	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Grammotaulius interrogationis voucher BIOUG<CAN>:C	GU113680	86.57	99.54	2.10869e−65	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Grammotaulius interrogationis voucher BIOUG<CAN>:C	GU113674	86.57	99.54	2.10869e−65	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Grammotaulius interrogationis voucher BIOUG<CAN>:T	GU113548	86.57	99.54	2.10869e−65	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Grammotaulius interrogationis voucher BIOUG<CAN>:H	GU113635	86.57	99.54	2.10869e−65	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Grammotaulius interrogationis voucher BIOUG<CAN>:H	GU113627	86.57	99.54	2.10869e−65	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Grammotaulius interrogationis voucher BIOUG<CAN>:H	GU113626	86.57	99.54	2.10869e−65	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Grammotaulius interrogationis voucher BIOUG<CAN>:H	GU113619	86.57	99.54	2.10869e−65	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Limnephilus parvulus voucher BIOUG18281−D08 cytoch	KR919272	86.11	99.54	2.56891e−64	Trichoptera	Limnephilidae	Limnephilus parvulus
Limnephilus concolor voucher TPA 066−12 cytochrome	KR148093	86.11	99.54	2.56891e−64	Trichoptera	Limnephilidae	Limnephilus concolor
Limnephilidae sp. BOLD:AAC5958 voucher BIOUG17639−	KR142864	86.11	99.54	2.56891e−64	Trichoptera	Limnephilidae	Limnephilidae sp. BOLD:AAC5958
Limnephilus concolor voucher TPA 065−12 cytochrome	KR143466	86.11	99.54	2.56891e−64	Trichoptera	Limnephilidae	Limnephilus concolor
Grammotaulius interrogationis voucher ROM:2011258	KJ675051	86.11	99.54	2.56891e−64	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Limnephilus concolor voucher 08OFCAD−0562 cytochro	JQ907880	86.11	99.54	2.56891e−64	Trichoptera	Limnephilidae	Limnephilus concolor
Limnephilus concolor voucher 08OFCAD−0563 cytochro	JQ907878	86.11	99.54	2.56891e−64	Trichoptera	Limnephilidae	Limnephilus concolor
Grammotaulius interrogationis voucher BIOUG00928−A	JX682071	86.11	99.54	2.56891e−64	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Limnephilus parvulus voucher 07CUTRI−189 cytochrom	JX682515	86.11	99.54	2.56891e−64	Trichoptera	Limnephilidae	Limnephilus parvulus
Limnephilus parvulus voucher BIOUG<CAN>:09CUTRI−02	GU712380	86.11	99.54	2.56891e−64	Trichoptera	Limnephilidae	Limnephilus parvulus
Grammotaulius interrogationis voucher BIOUG<CAN>:H	GU113625	86.11	99.54	2.56891e−64	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Limnephilus sp. BOLD:AAA4225 voucher BIOUG00838−E0	KM532122	86.67	96.77	8.96638e−64	Trichoptera	Limnephilidae	Limnephilus sp. BOLD:AAA4225
Limnephilus diversus voucher 08OFCAD−0565 cytochro	JQ907883	86.67	96.77	8.96638e−64	Trichoptera	Limnephilidae	Limnephilus diversus
Grammotaulius lorettae voucher 08OFCAD−0500 cytoch	JQ907727	85.65	99.54	8.96638e−64	Trichoptera	Limnephilidae	Grammotaulius lorettae
Grammotaulius interrogationis voucher BIOUG<CAN>:0	GU114752	85.19	99.54	3.12957e−63	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Limnephilus parvulus voucher BIOUG01498−E07 cytoch	KR142481	85.65	99.54	1.09233e−62	Trichoptera	Limnephilidae	Limnephilus parvulus
Hesperophylax designatus voucher 08OFCAD−1501 cyto	JQ935355	85.65	99.54	1.09233e−62	Trichoptera	Limnephilidae	Hesperophylax designatus
Limnephilus concolor voucher 08OFCAD−0561 cytochro	JQ907879	85.65	99.54	1.09233e−62	Trichoptera	Limnephilidae	Limnephilus concolor
Hesperophylax magnus voucher 08OFCAD−0514 cytochro	JQ907740	85.65	99.54	1.09233e−62	Trichoptera	Limnephilidae	Hesperophylax magnus
Grammotaulius signatipennis voucher 08OFCAD−0502 c	JQ907729	85.65	99.54	1.09233e−62	Trichoptera	Limnephilidae	Grammotaulius signatipennis
Grammotaulius lorettae voucher 08OFCAD−0499 cytoch	JQ907726	85.65	99.54	1.09233e−62	Trichoptera	Limnephilidae	Grammotaulius lorettae
Grammotaulius interrogationis voucher BIOUG00927−A	JX682065	85.65	99.54	1.09233e−62	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Grammotaulius interrogationis voucher BIOUG00928−F	JX682060	85.65	99.54	1.09233e−62	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Grammotaulius interrogationis voucher BIOUG00927−A	JX682059	85.65	99.54	1.09233e−62	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Chaetopteryx aproka mitochondrial partial COI gene	HE858253	85.65	99.54	1.09233e−62	Trichoptera	Limnephilidae	Chaetopteryx aproka
Pycnopsyche sp. BOLD:AAH7073 voucher 2404290294 cy	JN198369	85.65	99.54	1.09233e−62	Trichoptera	Limnephilidae	Pycnopsyche sp. BOLD:AAH7073
Pycnopsyche sp. BOLD:AAH7073 voucher 7504330103 cy	JN198366	85.65	99.54	1.09233e−62	Trichoptera	Limnephilidae	Pycnopsyche sp. BOLD:AAH7073
Pycnopsyche sp. AMI 1 voucher 6804290123 cytochrom	HQ151502	85.65	99.54	1.09233e−62	Trichoptera	Limnephilidae	Pycnopsyche sp. AMI 1
Grammotaulius interrogationis voucher BIOUG<CAN>:0	GU114761	85.65	99.54	1.09233e−62	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Grammotaulius interrogationis voucher BIOUG<CAN>:0	GU113990	85.65	99.54	1.09233e−62	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Grammotaulius interrogationis voucher BIOUG<CAN>:0	GU113968	85.65	99.54	1.09233e−62	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Grammotaulius interrogationis voucher BIOUG<CAN>:0	GU113964	85.65	99.54	1.09233e−62	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Grammotaulius interrogationis voucher BIOUG<CAN>:C	GU113691	85.65	99.54	1.09233e−62	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Grammotaulius interrogationis voucher BIOUG<CAN>:C	GU113673	85.65	99.54	1.09233e−62	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Grammotaulius interrogationis voucher BIOUG<CAN>:T	GU113552	85.65	99.54	1.09233e−62	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Grammotaulius interrogationis voucher BIOUG<CAN>:H	GU113639	85.65	99.54	1.09233e−62	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Grammotaulius interrogationis voucher BIOUG<CAN>:H	GU113621	85.65	99.54	1.09233e−62	Trichoptera	Limnephilidae	Grammotaulius interrogationis
Limnephilus sp. BOLD:AAA4225 voucher BIOUG16515−C0	KR146145	86.19	96.77	3.8126e−62	Trichoptera	Limnephilidae	Limnephilus sp. BOLD:AAA4225
Limnephilus sp. BOLD:AAA4225 voucher TPA 071−12 cy	KR142070	86.19	96.77	3.8126e−62	Trichoptera	Limnephilidae	Limnephilus sp. BOLD:AAA4225
Hesperophylax designatus voucher TPA 080−12 cytoch	KR145979	85.58	99.08	3.8126e−62	Trichoptera	Limnephilidae	Hesperophylax designatus
Limnephilus sp. BOLD:AAA4225 voucher BIOUG16154−B0	KR145867	86.19	96.77	3.8126e−62	Trichoptera	Limnephilidae	Limnephilus sp. BOLD:AAA4225
Limnephilus sp. BOLD:AAA4225 voucher BIOUG16515−E1	KR144881	86.19	96.77	3.8126e−62	Trichoptera	Limnephilidae	Limnephilus sp. BOLD:AAA4225
Hesperophylax designatus voucher TPA 082−12 cytoch	KR144310	85.58	99.08	3.8126e−62	Trichoptera	Limnephilidae	Hesperophylax designatus
Hesperophylax designatus voucher BIOUG00838−H11 cy	KM535176	85.58	99.08	3.8126e−62	Trichoptera	Limnephilidae	Hesperophylax designatus
Limnephilus sp. BOLD:AAA4225 voucher BIOUG00838−D1	KM535077	86.19	96.77	3.8126e−62	Trichoptera	Limnephilidae	Limnephilus sp. BOLD:AAA4225
Limnephilus sp. BOLD:AAA4225 voucher BIOUG00838−D1	KM530493	86.19	96.77	3.8126e−62	Trichoptera	Limnephilidae	Limnephilus sp. BOLD:AAA4225
Hesperophylax designatus voucher 08ABCAD−0001 cyto	KM529886	85.58	99.08	3.8126e−62	Trichoptera	Limnephilidae	Hesperophylax designatus
Limnephilus sp. BOLD:AAA4225 voucher BIOUG00838−D1	KM529636	86.19	96.77	3.8126e−62	Trichoptera	Limnephilidae	Limnephilus sp. BOLD:AAA4225
Hesperophylax designatus voucher ROM:2011205 TNW00	KJ675164	85.58	99.08	3.8126e−62	Trichoptera	Limnephilidae	Hesperophylax designatus
Hesperophylax designatus isolate 11A−20117−1 cytoc	KF000119	85.58	99.08	3.8126e−62	Trichoptera	Limnephilidae	Hesperophylax designatus
Hesperophylax designatus isolate 11B−20117−2 cytoc	KF000118	85.58	99.08	3.8126e−62	Trichoptera	Limnephilidae	Hesperophylax designatus
Limnephilus tulatus voucher 08OFCAD−0719 cytochrom	JQ907916	86.19	96.77	3.8126e−62	Trichoptera	Limnephilidae	Limnephilus tulatus
Limnephilus sitchensis voucher 08OFCAD−0709 cytoch	JQ907910	86.19	96.77	3.8126e−62	Trichoptera	Limnephilidae	Limnephilus sitchensis
Limnephilus productus voucher 08OFCAD−0696 cytochr	JQ907898	86.19	96.77	3.8126e−62	Trichoptera	Limnephilidae	Limnephilus productus
Limnephilus harrimani voucher 08OFCAD−0673 cytochr	JQ907887	86.19	96.77	3.8126e−62	Trichoptera	Limnephilidae	Limnephilus harrimani
Limnephilus diversus voucher 08OFCAD−0566 cytochro	JQ907882	86.19	96.77	3.8126e−62	Trichoptera	Limnephilidae	Limnephilus diversus
Limnephilus cockerelli voucher 08OFCAD−0552 cytoch	JQ907873	86.19	96.77	3.8126e−62	Trichoptera	Limnephilidae	Limnephilus cockerelli
Limnephilus moestus voucher BIOUG<CAN>:07PROBE−013	GU114900	86.19	96.77	3.8126e−62	Trichoptera	Limnephilidae	Limnephilus moestus
Limnephilus moestus voucher BIOUG<CAN>:07PROBE−013	GU114899	86.19	96.77	3.8126e−62	Trichoptera	Limnephilidae	Limnephilus moestus
Limnephilus indivisus voucher gseptK2 cytochrome o	KR919363	85.19	99.54	1.33073e−61	Trichoptera	Limnephilidae	Limnephilus indivisus
Limnephilus indivisus voucher gseptK1 cytochrome o	KR919129	85.19	99.54	1.33073e−61	Trichoptera	Limnephilidae	Limnephilus indivisus
Limnephilus indivisus voucher TRIC 0049.02 cytochr	KR148791	85.19	99.54	1.33073e−61	Trichoptera	Limnephilidae	Limnephilus indivisus