

Supplementary Information

First genetic data for band-winged grasshoppers (Orthoptera: Acrididae: Oedipodinae) of the Biskra region of Algeria with new records for the country

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Table S1: Sampling locations with their codes, coordinates and elevation.

Locality	Codes	N	E	Elevation [m]
Oualladja	A	34°36'47.20"N	6°39'6.99"E	~ 40
Chetma	B	34°51'3.40"N	5°50'25.74"E	~ 110
Djamorah	C	35°3'53.80"N	5°48'41.54"E	~ 465
Biskra	D	34°51'43.27"N	5°41'50.44"E	~ 118
El Outaya	E	34°57'47.09"N	5°39'34.50"E	~ 214
Ain Ben Noui	F	34°48'30.71"N	5°39'18.29"E	~ 116
El Hadjeb	G	34°47'29.44"N	5°36'14.42"E	~ 145
Mekhadma	H	34°39'10.13"N	5°30'1.40"E	~ 86
AinElkarma	I	34°45'41.78"N	5°31'14.53"E	~ 1592
Foghala	J	34°45'29.91"N	5°19'48.01"E	~ 186
Bir Naâm	K	34°45'20.06"N	5°8'1.11"E	~ 226
Doucen	L	34°32'30.93"N	5°3'20.33"E	~ 214
Ouled Djallal	M	34°29'23.78"N	5°3'16.56"E	~ 222
Beni Souik	N	35°5'46.25"N	5°52'33.89"E	~ 586
Kantara	O	35°9'41.09"N	5°37'53.81"E	~ 416
Chaiiba	P	34°47'19.38"N	5°2'46.93"E	~ 316
Chelia*	S	35°22'2.10"N	6°46'19.43"E	~ 1255

* Outside Wilaya

Table S2: Morphometric measurements of species recorded for the first time for Algeria and/or the Biskra region.

	<i>n</i>	BodL	L-B-teg	TegL	HeadL	ProL	HFemL	HFemW
<i>S. radioserratus</i>								
♂♂	7	23.31±	17.40±	18.77±	2.32±	3.19±	9.62±	2.57±
		1.64	1.10	1.31	0.19	0.40	0.64	0.15
♀♀	6	29.46±	23.51±	23.54±	2.73±	4.79±	12.18±	3.23±
		1.52	0.88	1.69	0.11	0.26	0.79	0.33
<i>H. canescens</i>								
♂♂	2**	22.9±	18.45±	18.67±	2.01±	2.89±	9.15±	1.81±
		2.06	1.6	0.85	0.36	0.5	0.12	0.39
♀♀	1**	34.97	27.97	28.65	3.25	5.06	12.62	2.42
<i>H. capsitanus algericus</i>								
♂♂	1	32.3	26.28	25.76	3.2	5.28	13.89	4.16
♀♀	1*	35.62	27.99	27.84	3.59	6.03	14.72	3.9
♀♀	2	35.68±	27.66±	27.12±	3.86±	6.1±	14.41±	4.25±
		0.45	1.38	0.22	0.26	0.16	0.1	0.05
<i>L. maculata</i>								
♀♀	1	23.365	18.73	18.825	2.25	3.48	11.635	2.81
<i>O. fuscocincta</i>								
♂♂	3	29.95±	22.4±	23.31±	3.15±	5.36±	13.54±	4.11±
		1.3	1.43	1.56	0.28	0.48	0.51	0.04
<i>O. senegalensis</i>								
♂♂	4	26.36±	20.58±	20.22±	3.12±	3.55±	12.25±	2.68±
		3.2	3	3.05	0.2	0.6	1.82	0.38
♀♀	2	37.37±	30.80±	29.05±	4.31±	5.42±	17.93±	4.08±
		1.84	2.70	1.89	0.11	0.18	0.014	0.01
<i>S. obscuratus lameerei</i>								
♂♂	2*	44±	32.3±	35.4±	3.7±	5.7±	14.8±	3.7±
		1.2	0.1	1.3	0.2	0.7	0.1	0.2
♀♀	2*	44.5±	33.9±	35.8±	4.1±	5.8±	15.4±	3.8±
		1.3	1.2	1.6	0.5	0.9	0.7	0.1
<i>S. finotianus</i>								
♂♂	3	28.65±	21.53±	22.47±	3.08±	4.06±	10.29±	3.06±
		0.57	0.29	0.97	0.1	0.48	0.3	0.09
♀♀	4	31.96	24.96	25.05	3.28	5.01	12.52	3.8
		1.85	2.23	1.3	0.47	0.54	1.07	0.26
<i>T. coerulescens</i>								
♂♂	12	23.3±	17.65±	18.73±	2.72±	3.36±	9.82±	2.93±
		1.26	1.06	1.15	0.25	0.33	0.54	0.21
♀♀	13	27.91±	22.41±	22.12±	3.28±	4.2±	11.76±	3.58±
		1.7	1.25	1.45	0.21	0.39	0.59	0.3
<i>V. fonti</i>								

♂♂	8	21.9± 0.9	29± 1	23.2± 1.2	2.9± 0.4	4.3± 0.3	11.5± 0.4	3.2± 0.1
♀♀	3	25.1± 0.9	31.1± 0.9	24.6± 0.4	2.9± 0.2	5.1± 0.3	12.7± 0.6	3.3± 0.5
<i>L. rothschildi</i>								
♂♂	4	21.23 1.07	14.41 1	17.25 1.03	1.92 0.11	2.57 0.25	8.52 0.41	2.05 0.05
♀♀	12	28.99± 1.77	21.31± 1.09	24.02± 1.72	2.45± 0.22	3.78± 0.41	11.51± 0.77	2.57± 0.13
<i>L. gracilis</i>								
♂♂	1***	23.87	17.96	19.01	2.45	3.59	9.66	2.09
♀♀	1****	30.25	21.82	24.84	2.71	4.37	12.48	2.74

* Beni Ounif (Béchar) [MNCN]

** Oued Mya (Ouargla) & El Golea (Ghardaia) [MNCN]

*** 1♂ - Turkmenistán: St. [Station] Repetek, Zakasp. [Zakaspiskaya] Zh. D. [= railway], VI-VII.30. Luppova. MNCN_Ent 195789.

**** 1♀ - Azerbaiyán: Najicheván: Disar bl. [blis (= near)] Ordubada, Najich. [Najichevan] Kr [Krai (= area)], 25.VII.1933. Znoiko. MNCN_Ent 195788.

Table S3: List of all individuals used in this study and their corresponding genus, species and country. We further provide the BOLD ID, Project ID/GenBank ID for specimens used for phylogenetic reconstruction, sex, collection date, collector, location and reference. Collector abbreviations: MH – Martin Husemann, AH – Axel Hochkirch, AM – Abdelhamid Moussi. References can be found below the table.

Genus	Species	Country/Island	BOLD ID	Project ID/Genbank ID	Collection date	Collector	Location	Reference
<i>Acrotylus</i>								
<i>Acrotylus</i>	<i>insubricus</i>	Algeria	OBAL001-18	D542	30.10.2008	AM	Algeria, Mekhadama	This study
<i>Acrotylus</i>	<i>insubricus</i>	Algeria	OBAL002-18	D543	16.04.2009	AM	Algeria, Biskar (Agba)	This study
<i>Acrotylus</i>	<i>insubricus</i>	Algeria	OBAL003-18	D562	16.04.2009	AM	Algeria, A Bennoui	This study
<i>Acrotylus</i>	<i>insubricus</i>	Greece	GBORT554-14	N.a.	11.06.2014	H. Muehle	Greece, Rodopi	Hawlitshchek et al. 2017
<i>Acrotylus</i>	<i>insubricus</i>	La Gomera	OBAL004-18	K164	05.04.2004	AH	Spain, la Gomera, Barranco de la Junta	This study
<i>Acrotylus</i>	<i>insubricus</i>	Morocco	OBAL005-18	K224	09.03.2005	AH	Morocco, Agadir-Izouika	This study
<i>Acrotylus</i>	<i>longipes</i>	Kos	OBAL006-18	D326	04.11.2014	MH	Greece, Kos	This study
<i>Acrotylus</i>	<i>longipes</i>	Algeria	OBAL007-18	D546	23.05.2008	AM	Algeria, Mekhadama	This study
<i>Acrotylus</i>	<i>longipes</i>	Algeria	OBAL008-18	D547	25.06.2009	AM	Algeria, Bir Naam	This study
<i>Acrotylus</i>	<i>longipes</i>	Morocco	OBAL009-18	K221	09.03.2005	AH	Morocco, Tifnite	This study
<i>Acrotylus</i>	<i>longipes</i>	Gran Canary	OBAL010-18	K26	13.02.2003	AH	Spain, Gran Canaria, Maspalomas	This study
<i>Acrotylus</i>	<i>sp</i>	Kos	OBAL011-18	D333	02.11.2014	MH	Greece, Kos	This study
<i>Aiolopus</i>								
<i>Aiolopus</i>	<i>simulatrix</i>	Algeria	OBAL012-18	D553	01.11.2008	AM	Algeria, Ouelladja	This study
<i>Aiolopus</i>	<i>simulatrix</i>	Algeria	OBAL013-18	D555	01.11.2008	AM	Algeria, Ouelladja	This study
<i>Aiolopus</i>	<i>strepens</i>	Switzerland	GBORT948-15	N.a.	10.08.2004	Ch. Roesti	Switzerland, TI, Genestrerio	Hawlitshchek et al. 2017
<i>Aiolopus</i>	<i>strepens</i>	Switzerland	GBORT950-15	N.a.	12.08.2003	Ch. Roesti	Switzerland, TI, Figino, Molino	Hawlitshchek et al. 2017
<i>Aiolopus</i>	<i>strepens</i>	Switzerland	GBORT951-15	N.a.	12.08.2003	Ch. Roesti	Switzerland, TI, Figino, Molino	Hawlitshchek et al. 2017

<i>Aiolopus</i>	<i>strepens</i>	Croatia	GBORT991-15	N.a.	05.04.2015		Croatia, Halbinsel Vir	Hawlitcshek et al. 2017
<i>Aiolopus</i>	<i>strepens</i>	La Gomera	OBAL014-18	K122				
<i>Aiolopus</i>	<i>thalassinus</i>	Algeria	OBAL015-18	D549	14.10.2008	AM	Algeria, Mekhadama	
<i>Aiolopus</i>	<i>thalassinus</i>	Japan	GBMOR360-10	AB497588	02.01.2008		Japan, Okinawa, Miyako Island	Tokuda et al. 2010
<i>Aiolopus</i>	<i>thalassinus</i>	Germany	GBORT494-14	N.a.	22.08.2002	P. Detzel	Germany, Baden-Württemberg, Erddeponie, am Sulzbach, Heitersheim- Rudera	Hawlitcshek et al. 2017
<i>Aiolopus</i>	<i>thalassinus</i>	Australia	OTAS280-12	N.a.	08.12.2011	P. Hebert	Australia, South Australia, Lyrup Forest Reserve	
<i>Aiolopus</i>	<i>thalassinus</i>	Australia	OTAS285-12	N.a.	08.12.2011	P. Hebert	Australia, South Australia, Lyrup Forest Reserve	
<i>Aiolopus</i>	<i>thalassinus</i>	Australia	OTAS286-12	N.a.	08.12.2011	P. Hebert	Australia, South Australia, Lyrup Forest Reserve	
<i>Aiolopus</i>	<i>thalassinus</i>	Australia	OTAS287-12	N.a.	08.12.2011	P. Hebert	Australia, South Australia, Lyrup Forest Reserve	
<i>Aiolopus</i>	<i>thalassinus</i>	Australia	OTAS288-12	N.a.	08.12.2011	P. Hebert	Australia, South Australia, Lyrup Forest Reserve	
<i>Aiolopus</i>	<i>thalassinus</i>	Australia	OTAS294-12	N.a.	08.12.2011	P. Hebert	Australia, South Australia, Lyrup Forest Reserve	
<i>Aiolopus</i>	<i>thalassinus</i>	South Africa	SISAF028-12	N.a.	14.02.2012	P. Hebert, J. deWaard	South Africa, Gauteng, Hekpoort, Mogale`s Gate Biodiversity Centre, nr. Bush camp	
<i>Aiolopus</i>	<i>thalassinus</i>	South Africa	SISAF029-12	N.a.	14.02.2012	P. Hebert, J. deWaard	South Africa, Gauteng, Hekpoort, Mogale`s Gate Biodiversity Centre, nr. Bush camp	

<i>Aiolopus</i>	<i>thalassinus</i>	China	GBMIN15684-13	KC140014	17.09.2009	Jianhua	China	Huang et al. 2013
<i>Aiolopus</i>	<i>tamulus</i>					Huang		
<i>Aiolopus</i>	<i>thalassinus</i>	China	GBMIN15685-13	KC140012	03.11.2008	Jianhua	China	Huang et al. 2013
<i>Aiolopus</i>	<i>tamulus</i>					Huang		
<i>Aiolopus</i>	<i>thalassinus</i>	China	GBMIN15686-13	KC140010	03.11.2008	Jianhua	China	Huang et al. 2013
<i>Aiolopus</i>	<i>tamulus</i>					Huang		
<i>Aiolopus</i>	<i>thalassinus</i>	China	GBMIN15687-13	KC140008	03.11.2008	Jianhua	China	Huang et al. 2013
<i>Aiolopus</i>	<i>tamulus</i>					Huang		
<i>Aiolopus</i>	<i>thalassinus</i>	China	GBMIN15860-13	KC140013	17.09.2009	Jianhua	China	Huang et al. 2013
<i>Aiolopus</i>	<i>tamulus</i>					Huang		
<i>Aiolopus</i>	<i>thalassinus</i>	China	GBMIN15861-13	KC140011	03.11.2008	Jianhua	China	Huang et al. 2013
<i>Aiolopus</i>	<i>tamulus</i>					Huang		
<i>Aiolopus</i>	<i>thalassinus</i>	China	GBMIN15862-13	KC140009	03.11.2008	Jianhua	China	Huang et al. 2013
<i>Aiolopus</i>	<i>tamulus</i>					Huang		
<i>Aiolopus</i>	<i>thalassinus</i>	Pakistan	MAORT573-11	KJ672123	02.08.2010	A. Tamkeen	Pakistan: AJK, Samhani	Nazir et al. unpub.
<i>Aiolopus</i>	<i>tamulus</i>							
<i>Aiolopus</i>	<i>thalassinus</i>	Pakistan	MAORT574-11	KJ672125	24.09.2007	A. Tamkeen	Pakistan: AJK, Jatlan	Nazir et al. unpub.
<i>Aiolopus</i>	<i>tamulus</i>							
<i>Aiolopus</i>	<i>thalassinus</i>	Pakistan	MAORT623-11	KJ672124	25.06.2010	A. Tamkeen	Pakistan: AJK, Rawalakot	Nazir et al. unpub.
<i>Aiolopus</i>	<i>tamulus</i>							
<i>Aiolopus</i>	<i>thalassinus</i>	Pakistan	MAORT624-11	KJ672126	25.06.2010	A. Tamkeen	Pakistan: AJK, Rawalakot	Nazir et al. unpub.
<i>Aiolopus</i>	<i>tamulus</i>							
<i>Anacridium</i>								
<i>Anacridium</i>	<i>aegyptium</i>	Germany	FBORT381-10	HQ955732	28.02.1986	P. Detzel	Germany, Bavaria, Oberbayern, Muenchen, Aubing, Friedhof	Hawlitshchek et al. 2017
<i>Anacridium</i>	<i>aegyptium</i>	Greece	GBMIX951-14	N.a.	01.06.2014	H. Muehle	Greece, Drama, 9 km SW Paranesti	Hawlitshchek et al. 2017
<i>Anacridium</i>	<i>aegyptium</i>		GBMOR813-13	KC261371				Bugrov et al. unpub.
<i>Helioscirtus</i>								
<i>Helioscirtus</i>	<i>capsitanus</i>	Algeria	OBAL016-18	D523	18.05.2013	AM	Algeria, Kantara	
<i>Helioscirtus</i>	<i>capsitanus</i>	Algeria	OBAL017-18	D528	18.05.2013	AM	Algeria, Kantara	
<i>Helioscirtus</i>	<i>capsitanus</i>	Algeria	OBAL018-18	D529	18.05.2013	AM	Algeria, Kantara	
<i>Helioscirtus</i>	<i>capsitanus</i>	Tunisia	OBAL019-18	K370	27.07.2006	AH	Tunisia, Fériana	

Hyalorhipis

<i>Hyalorhipis</i>	<i>calcarata</i>	Algeria	OBAL020-18	D584	04.07.2011	AM	Algeria, Bir Naam
<i>Hyalorhipis</i>	<i>calcarata</i>	Algeria	OBAL021-18	D585	04.07.2011	AM	Algeria, Bir Naam

Leptopternis

<i>Leptopternis</i>	<i>maculatus</i>	Tunisia	OBAL022-18	K379	23.07.2006	AH	Tunisia, Ouesslatia
<i>Leptopternis</i>	<i>rothschildi</i>	Algeria	OBAL023-18	D550	15.08.2009	AM	Algeria, Bir Naam
<i>Leptopternis</i>	<i>rothschildi</i>	Algeria	OBAL024-18	D568	04.07.2011	AM	Algeria, Bir Naam
<i>Leptopternis</i>	<i>rothschildi</i>	Algeria	OBAL025-18	D569	04.07.2011	AM	Algeria, Bir Naam

Oedaleus

<i>Oedaleus</i>	<i>abruptus</i>	China	GBMIN15665-13	KC140052	18.09.2009	Jianhua Huang	China	Huang et al. 2013
<i>Oedaleus</i>	<i>abruptus</i>	China	GBMIN1584-131	KC140051	18.09.2009	Jianhua Huang	China	Huang et al. 2013
<i>Oedaleus</i>	<i>decorus</i>	China	GBMIN15677-13	KC140028	16.08.2006	Xin Li	China	Huang et al. 2013
<i>Oedaleus</i>	<i>decorus</i>	China	GBMIN15678-13	KC140026	24.08.2005		China	Huang et al. 2013
<i>Oedaleus</i>	<i>decorus asiaticus</i>	China	GBMIN15680-13	KC140022	24.07.2007	Weigong Wang	China	Huang et al. 2013
<i>Oedaleus</i>	<i>decorus asiaticus</i>	China	GBMIN15681-13	KC140020	24.07.2007	Weigong Wang	China	Huang et al. 2013
<i>Oedaleus</i>	<i>decorus asiaticus</i>	China	GBMIN15682-13	KC140018	24.07.2007	Weigong Wang	China	Huang et al. 2013
<i>Oedaleus</i>	<i>decorus asiaticus</i>	China	GBMIN15855-13	KC140023	27.07.2007	Chengying Pan	China	Huang et al. 2013
<i>Oedaleus</i>	<i>infernalis</i>	China	GBMIN15668-13	KC140046	04.08.2007	Wei Ye	China	Huang et al. 2013
<i>Oedaleus</i>	<i>infernalis</i>	China	GBMIN15669-13	KC140044	04.08.2007	Wei Ye	China	Huang et al. 2013
<i>Oedaleus</i>	<i>infernalis</i>	Japan	GBMOR359-10	AB497592	02.10.2006		Japan, Honshu, Honshu,Ibaraki, Tsukuba	Tokuda et al. 2010
<i>Oedaleus</i>	<i>manjius</i>	China	GBMIN15666-13	KC140050	18.09.2002		China	Huang et al. 2013

<i>Oedaleus</i>	<i>manjius</i>	China	GBMIN15842-13	KC140049	05.07.2006	Jianhua Huang	China	Huang et al. 2013
<i>Oedaleus</i>	<i>senegalensis</i>	Algeria	OBAL026-18	D526	20.05.2013	AM	Algeria, Kantara	
<i>Oedaleus</i>	<i>senegalensis</i>	Algeria	OBAL027-18	D533	11.05.2013	AM	Algeria, Kantara	
<i>Oedipoda</i>								
<i>Oedipoda</i>	<i>caerulescens</i>	Germany	FBORT056-9	GU706078	02.08.1999	A. Weis	Germany, Bavaria, Oberbayern, Neuaubing	Hawlitcshek et al. 2017
<i>Oedipoda</i>	<i>caerulescens</i>	Germany	FBORT127-9	GU706132	12.07.2009	F. Glaw	Germany, Bavaria, Oberbayern, Garching	Hawlitcshek et al. 2017
<i>Oedipoda</i>	<i>caerulescens</i>	Germany	FBORT128-9	GU706134	12.07.2009	F. Glaw	Germany, Bavaria, Oberbayern, Rangierbahnhof Muenchen Nord, suedexponierter Hang	Hawlitcshek et al. 2017
<i>Oedipoda</i>	<i>caerulescens</i>	Germany	FBORT141-9	GU706135	22.07.2009	F. Glaw & O. Hawlitcshek	Germany, Bavaria, Oberbayern, Garching Heide	Hawlitcshek et al. 2017
<i>Oedipoda</i>	<i>caerulescens</i>	Germany	FBORT142-9	GU706103	22.07.2009	F. Glaw & O. Hawlitcshek	Germany, Bavaria, Oberbayern, Garching Heide	Hawlitcshek et al. 2017
<i>Oedipoda</i>	<i>caerulescens</i>	Germany	FBORT144-9	GU706104	22.07.2009	F. Glaw & O. Hawlitcshek	Germany, Bavaria, Oberbayern, Garching Heide	Hawlitcshek et al. 2017
<i>Oedipoda</i>	<i>caerulescens</i>	Germany	FBORT145-9	GU706133	22.07.2009	F. Glaw & O. Hawlitcshek	Germany, Bavaria, Oberbayern, S-Bahngelaende zwischen Laim und Pasing, Rohbodenf	Hawlitcshek et al. 2017
<i>Oedipoda</i>	<i>caerulescens</i>	Austria	FBORT345-10	HM902104	05.09.2009	F., K. & T. Glaw	Austria, Tirol, Kala Alm bei Thiersee	Hawlitcshek et al. 2017
<i>Oedipoda</i>	<i>caerulescens</i>	Russia	GBMOR531-13	HQ652508			Russia, Kaliningradsкая Oblast, Kaliningrad Region, Kurshskaja Kosa	Vedenina & Mugue unpub.

<i>Oedipoda</i>	<i>fedtschenki</i>		GBMOR789-13	KC261395				Bugrov et al. unpub.
<i>Oedipoda</i>	<i>fuscocincta</i>	Spain	GBMOR1369-15	KM095635			Spain; Asturias	Laiolo et al. 2014
<i>Oedipoda</i>	<i>miniata</i>	Algeria	OBAL028-18	D531	11.05.2013	AM	Algeria, Kantara	
<i>Oedipoda</i>	<i>miniata</i>	Algeria	OBAL029-18	D535	11.05.2013	AM	Algeria, Kantara	
<i>Oedipoda</i>	<i>miniata</i>	Azerbaijan	OBAL030-18	K618	10.10.2008		Aserbajdschan, Shirvan-Nationalpark	
<i>Oedipoda</i>	<i>miniata</i>	Azerbaijan	OBAL031-18	K626	30.09.2008		Aserbajdschan, Besh Baranq (90 km N Baku)	
<i>Oedipoda</i>	<i>schochi</i>	Iran	OBAL032-18	Iran283	14.09.2014	MH	Iran, Karaj-chalus road, Kandvan tunnel	
<i>Spec.</i>								
<i>Spec.</i>	<i>1</i>	Algeria	OBAL033-18	D592	10.08.2015	AM	Algeria, Biskra	
<i>Spec.</i>	<i>1</i>	Algeria	OBAL034-18	D593	10.08.2015	AM	Algeria, Biskra	
<i>Spec.</i>	<i>1</i>	Algeria	OBAL035-18	D594	10.08.2015	AM	Algeria, Biskra	
<i>Sphingoderus</i>								
<i>Sphingoderus</i>	<i>carinatus</i>	Algeria	OBAL036-18	D552	23.05.2008	AM	Algeria, Mekhadama	
<i>Sphingoderus</i>	<i>carinatus</i>	Algeria	OBAL037-18	D570	23.05.2008	AM	Algeria, Mekhadama	
<i>Sphingoderus</i>	<i>carinatus</i>	Tunisia	OBAL038-18	K473				
<i>Sphingonotus</i>								
<i>Sphingonotus</i>	<i>azurescens</i>	Spain	OBAL039-18	K405	30.09.2005	AH	Spain, La Plantonada, Sierra Nevada	
<i>Sphingonotus</i>	<i>azurescens</i>	Portugal	OBAL040-18	K762		AH	Portugal	
<i>Sphingonotus</i>	<i>azurescens</i>	Spain	OBAL041-18	K763		D. Lluçia Pomares	IN-003-11	
<i>Sphingonotus</i>	<i>caerulans</i>	Germany	OBAL042-18	D1	21.09.2013	MH	Germany, Frankfurt (Main)	
<i>Sphingonotus</i>	<i>caerulans</i>	Germany	FBORT102-9	GU706137	30.07.2009	O. Hawlitschek	Germany, Bavaria, Oberbayern, S-Bahngelaende zwischen Laim und Pasing, Rohbodenf	Hawlitschek et al. 2017

<i>Sphingonotus</i>	<i>caerulans</i>	Germany	FBORT166-9	GU706100	30.07.2009	O. Hawlitschek	Germany, Bavaria, Oberbayern, Garchinger Heide	Hawlitschek et al. 2017
<i>Sphingonotus</i>	<i>caerulans</i>	Germany	FBORT487-13	N.a.	17.07.2012	O. Hawlitschek	Germany, Bavaria, Oberpfalz, Zinster-Basaltsteinbruch NE Kulmain	Hawlitschek et al. 2017
<i>Sphingonotus</i>	<i>caerulans</i>	Germany	FBORT499-13	N.a.	17.07.2012	O. Hawlitschek	Germany, Bavaria, Oberpfalz, Zinster-Basaltsteinbruch NE Kulmain	Hawlitschek et al. 2017
<i>Sphingonotus</i>	<i>caerulans</i>	France	GBMIN21328-13	K315/JQ513068				Husemann et al. 2010
<i>Sphingonotus</i>	<i>caerulans</i>	Finland	GBMIN21351-13	K608/JQ513067				Husemann et al. 2011
<i>Sphingonotus</i>	<i>caerulans</i>	Italy	GBMOR1746-15	K613/KJ923335			Italy, Affi	Husemann et al. 2012
<i>Sphingonotus</i>	<i>caerulans</i>	Norway	NOORT036-12	N.a.	28.07.2002	Ove Lonnve	Norway, Ostfold, Fredrikstad, Slevik	
<i>Sphingonotus</i>	<i>caerulans</i>	Norway	NOORT039-12	N.a.	20.08.2004	Ove Sorlibraten	Norway, Ostfold, Hvaler, Asmaloy, Huser	
<i>Sphingonotus</i>	<i>caerulans</i>	Norway	NOORT042-12	N.a.	31.08.2000	Lars Ove Hansen	Norway, Vestfold, Tonsberg, Undrum, Flatasen	
<i>Sphingonotus</i>	<i>caerulans</i>	Norway	NOORT174-13	N.a.	28.07.2002	Ole Lonnve	Norway, Ostfold, Fredrikstad, Selvik	
<i>Sphingonotus</i>	<i>caerulans</i>	Norway	NOORT175-13	N.a.	28.07.2002	Ole Lonnve	Norway, Ostfold, Fredrikstad, Selvik	
<i>Sphingonotus</i>	<i>canariensis</i>	Sokotra	OBAL043-18	K731		R. Felix	Jemen, Sokotra, Wadi Shilliyin, Momi	
<i>Sphingonotus</i>	<i>canariensis</i>	Sokotra	OBAL044-18	K732		R. Felix	Jemen, Sokotra, Wadi Shilliyin, Momi	
<i>Sphingonotus</i>	<i>ebneri</i>	Algeria	OBAL045-18	D589	06.06.2010	AM	Algeria, Bir Naam	
<i>Sphingonotus</i>	<i>finotianus</i>	Algeria	OBAL046-18	D596	06.08.2015	AM	Algeria, Kantara	
<i>Sphingonotus</i>	<i>finotianus</i>	Algeria	OBAL047-18	D597	06.08.2015	AM	Algeria, Kantara	

<i>Sphingonotus</i>	<i>finotianus</i>	Tunisia	GBMIN21348-13	K383/JQ513073					Husemann et al. 2012
<i>Sphingonotus</i>	<i>haitensis</i>	Dominican Republic	GBMOR1764-15	K423/KJ923353				Dominican Republic, Santiago, Prov. Santiago	Husemann et al. 2012
<i>Sphingonotus</i>	<i>haitensis</i>	Dominican Republic	GBMOR1765-15	T179/KJ923354				Dominican Republic, Independencia, Prov. Independencia	Husemann et al. 2012
<i>Sphingonotus</i>	<i>haitensis</i>	Dominican Republic	GBMOR1766-15	T180/KJ923355				Dominican Republic, Prov. San Christobal	Husemann et al. 2012
<i>Sphingonotus</i>	<i>haitensis</i>	Dominican Republic	GBMOR1767-15	T39/KJ923356				Dominican Republic, Peravia, Prov. Peravia	Husemann et al. 2012
<i>Sphingonotus</i>	<i>haitensis</i>	Dominican Republic	GBMOR1768-15	T40/KJ923357				Dominican Republic, Pedernales, Prov. Pedernales	Husemann et al. 2012
<i>Sphingonotus</i>	<i>haitensis</i>	Dominican Republic	GBMOR1769-15	T41/KJ923358				Dominican Republic, Pedernales, Prov. Pedernales	Husemann et al. 2012
<i>Sphingonotus</i>	<i>lluciapomaresi</i>	Spain	OBAL048-18	K332	01.10.2005	AH		Spain, Salinas del Cabo de Gata	
<i>Sphingonotus</i>	<i>longipennis</i>	Pakistan	MAORT581-11	KJ672155	24.09.2008	A. Tamkeen		Pakistan, AJK, Bhan Gali	Nazir et al. unpub.
<i>Sphingonotus</i>	<i>longipennis</i>	Pakistan	MAORT582-11	KJ672156	19.09.2009	A. Tamkeen		Pakistan, AJK, Degawar	Nazir et al. unpub.
<i>Sphingonotus</i>	<i>longipennis</i>	Pakistan	MAORT584-11	KJ672153	19.09.2009	A. Tamkeen		Pakistan, AJK, Degawar	Nazir et al. unpub.
<i>Sphingonotus</i>	<i>longipennis</i>	Pakistan	MAORT585-11	KJ672154	04.09.2010	A. Tamkeen		Pakistan, AJK, Degawar	Nazir et al. unpub.
<i>Sphingonotus</i>	<i>lucasii</i>	Algeria	OBAL049-18	D587	20.07.2009	AM		Algeria, Chelia	
<i>Sphingonotus</i>	<i>lucasii</i>	Algeria	OBAL050-18	D588	20.07.2009	AM		Algeria, Chelia	
<i>Sphingonotus</i>	<i>lucasii</i>	Tunisia	OBAL051-18	K472	25.07.2006	AH		Tunisia, Hergla	
<i>Sphingonotus</i>	<i>lucasii</i>	Morocco	OBAL052-18	K522	14.09.2007	AH		Morocco, Tizoula	
<i>Sphingonotus</i>	<i>lucasii</i>	Morocco	OBAL053-18	K525	14.09.2007	AH		Morocco, Tizoula	
<i>Sphingonotus</i>	<i>luteus</i>	Morocco	OBAL054-18	K526	14.09.2007	AH		Morocco, Tizoula	
<i>Sphingonotus</i>	<i>luteus</i>	Morocco	OBAL055-18	K527	14.09.2007	AH		Morocco, Tizoula	
<i>Sphingonotus</i>	<i>maroccanus</i>	Morocco	OBAL056-18	K651	12.03.2009	MH		Morocco, Ameskrout	

<i>Sphingonotus</i>	<i>octofasciatus</i>	Algeria	OBAL057-18	D516	11.05.2013	AM	Algeria, Kantara	Husemann et al. 2012 Husemann et al. 2012
<i>Sphingonotus</i>	<i>octofasciatus</i>	Algeria	OBAL058-18	D524	11.05.2013	AM	Algeria, Kantara	
<i>Sphingonotus</i>	<i>octofasciatus</i>	Tunisia	OBAL059-18	K470	24.07.2006	AH	Tunisia, Gafsa	
<i>Sphingonotus</i>	<i>radioserratus</i>	Algeria	OBAL060-18	D558	26.09.2009	AM	Algeria, Mekhadama	
<i>Sphingonotus</i>	<i>radioserratus</i>	Algeria	OBAL061-18	D559	26.09.2009	AM	Algeria, Mekhadama	
<i>Sphingonotus</i>	<i>rubescens</i>	Gran Canary	OBAL062-18	D303		AH	Spain, Gran Canaria, Aguele	
<i>Sphingonotus</i>	<i>rubescens</i>	Algeria	OBAL063-18	D519	11.05.2013	AM	Algeria, Kantara	
<i>Sphingonotus</i>	<i>rubescens</i>	Algeria	OBAL064-18	D521	11.05.2013	AM	Algeria, Kantara	
<i>Sphingonotus</i>	<i>rubescens</i>	Algeria	OBAL065-18	D573	30.04.2009	AM	Algeria, Foghala	
<i>Sphingonotus</i>	<i>rubescens</i>	Algeria	OBAL066-18	D574	04.04.2009	AM	Algeria, Biskra	
<i>Sphingonotus</i>	<i>rubescens</i>	Cap Verde	GBMIN21327-13	K510/JQ513070				
<i>Sphingonotus</i>	<i>rubescens</i>	Canary Islands	GBMIN21350-13	K351/JQ513069				
<i>Sphingonotus</i>	<i>rubescens burri</i>	Cape Verde	OBAL067-18	K497	14.01.2003	F. Buzzetti	Kapverden, Sal Boracona	
<i>Sphingonotus</i>	<i>rubescens fasciatus</i>	Kirgistan	OBAL068-18	K748	18.07.2005	D. Milko	Kirgisias., Sokh Ravine, near Ak-Turpak vill.	
<i>Sphingonotus</i>	<i>savignyi</i>	Algeria	OBAL069-18	D518	19.05.2012	AM	Algeria, Bir Naam	
<i>Sphingonotus</i>	<i>savignyi</i>	Kenya	OBAL070-18	D77	2013	C. Hemp	Kenya, Lake Turkana	
<i>Sphingonotus</i>	<i>savignyi</i>	Kenya	OBAL071-18	D79	2013	C. Hemp	Kenya, Lake Turkana	
<i>Sphingonotus</i>	<i>savignyi</i>	Kenya	OBAL072-18	D80	2013	C. Hemp	Kenya, Lake Turkana	
<i>Sphingonotus</i>	<i>savignyi</i>	La Gomera	OBAL073-18	K145	05.04.2004	AH	Spain, La Gomera, Aeropuerto	
<i>Sphingonotus</i>	<i>savignyi</i>	Tunisia	OBAL074-18	K541	02.08.2007	AH	Tunisia, Djebel el Ali bei Gafsa	
<i>Sphingonotus</i>	<i>savignyi</i>	Azerbaidshon	OBAL075-18	K621	30.09.2008		Azerbaidshon, Besh Baranq (90 km N Baku)	
<i>Sphingonotus</i>	<i>tricinctus</i>	Algeria	OBAL076-18	D581	04.07.2011	AM	Algeria, Bir Naam	
<i>Thalpomena</i>								
<i>Thalpomena</i>	<i>algeriana</i>	Algeria	OBAL077-18	D563	09.07.2009	AM	Algeria, Chelia	
<i>Thalpomena</i>	<i>algeriana</i>	Algeria	OBAL078-18	D564	09.07.2009	AM	Algeria, Chelia	

<i>Thalpomena</i>	<i>coeruleipennis</i>	Morocco	OBAL079-18	D113	16.02.2014	MH	Morocco, nahe Skhour Rhamna
<i>Thalpomena</i>	<i>coeruleipennis</i>	Morocco	OBAL080-18	D115	16.02.2014	MH	Morocco, nahe Skhour Rhamna
<i>Thalpomena</i>	<i>coerulescens</i>	Algeria	OBAL081-18	D599	06.08.2015	AM	Algeria, Kantara, Biskra
<i>Thalpomena</i>	<i>coerulescens</i>	Algeria	OBAL082-18	D600	06.08.2015	AM	Algeria, Kantara, Biskra
<i>Thalpomena</i>	<i>coerulescens</i>	Morocco	OBAL083-18	K227	10.03.2005	AH	Morocco, Irhil-n'-Isemsiden
<i>Thalpomena</i>	<i>viridipennis</i>	Morocco	OBAL084-18	D152	15.02.2014	MH	Morocco, 5 km S Ksar el Kebir
<i>Thalpomena</i>	<i>viridipennis</i>	Morocco	OBAL085-18	D161	14.02.2014	MH	Morocco, Cap Mazari
<i>Thalpomena</i>	<i>viridipennis</i>	Morocco	GBMIN21334-13	K641/JQ513056			
<i>Vosseleriana</i>							
<i>Vosseleriana</i>	<i>arabica</i>	Saudi Arabia	OBAL086-18	D821	28.06.1992	M. Donskoff	Saudi Arabia, Route Taif - Abha
<i>Vosseleriana</i>	<i>arabica galagheri</i>	Oman	OBAL087-18	K564	11.06.1905	M.D. Gallagher	Oman
<i>Vosseleriana</i>	<i>arabica galagheri</i>	Oman	OBAL088-18	K579			
<i>Vosseleriana</i>	<i>fonti</i>	Algeria	OBAL089-18	D560	06.04.2013	AM	Algeria, Chaiba
<i>Vosseleriana</i>	<i>fonti</i>	Algeria	OBAL090-18	D566	06.04.2013	AM	Algeria, Chaiba
<i>Vosseleriana</i>	<i>fonti</i>	Algeria	OBAL091-18	D567	19.04.2013	AM	Algeria, Chaiba

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