

Supplementary information S1 for Dietary analysis reveals differences in the prey use of two sympatric bat species

Olga Heim¹, Anna I.E. Puisto², Ilari Sääksjärvi³, Dai Fukui⁴ and Eero J. Vesterinen^{5*}

¹ Faculty of Life and Medical Sciences, Doshisha University, 610-0321 Kyotanabe, Japan

² Centre for Population Health Research, University of Turku, 20014 Turku, Finland

³ Biodiversity Unit, University of Turku, 20014 Turku, Finland

⁴ The University of Tokyo Hokkaido Forest, The University of Tokyo, 079-1563 Furano, Japan

⁵ Department of Biology, University of Turku, 20014 Turku, Finland

Prey list

in Japan		in Hokkaido		Literature sources regarding occurrence of prey item in Hokkaido and/or Japan							
Primer	Class	Order	Family	Subfamily	Genus	Species	BIN	Family	Subfamily	Genus	Species
COI	Arachnida	Araneae	Lycosidae	NA	Pardosa		BOLD:ABA5238		NA		Nadolny et al. 2016
COI	Arachnida	Araneae	Salticidae				BOLD:AAV1597	Ono et al. 2009			
COI	Arachnida	Araneae	Salticidae				GBCH10991-13	Yaginuma 1972			
COI	Arachnida	Araneae	Salticidae				BOLD:ACH5240	Ono et al. 2009			
COI	Collembola	Symplypleona	Bourletiellidae	NA	Deuterosminthurus		BOLD:AAB7915		NA		Yosii 1977
COI	Insecta	Blattodea	Ectobiidae	Ectobiinae			BOLD:ACI8100	小松 et al. 2015; 小松 2019		Becalloni 2014; 1	
COI	Insecta	Coleoptera	Carabidae				BOLD:AAZ4621	Kaizuka & Iwasa 2015			
COI	Insecta	Coleoptera	Coccinellidae				BOLD:ACP4109	Okuda & Hodek 1994			
COI	Insecta	Coleoptera	Cantharidae	Cantharinae	Podabrus		BOLD:ACD6222				Kazantsev 2011
COI	Insecta	Coleoptera	Cantharidae	Cantharinae	Podabrus		BOLD:ACD6257				Kazantsev 2011
COI	Insecta	Coleoptera	Carabidae	Harpalinae			BOLD:ABX4019			Kaizuka & Iwasa 2015	
COI	Insecta	Coleoptera	Carabidae	Carabinae	Carabus		BOLD:ABY6003				Löbl & Löbl 2017
COI	Insecta	Coleoptera	Carabidae	Harpalinae	Pterostichus	oblongopunctatus	BOLD:ABY4764				Kosuda et al. 2016
COI	Insecta	Coleoptera	Cerambycidae	Lamiinae	Monochamus		BOLD:AAC3388				Roskov et al. 2019; 2
COI	Insecta	Coleoptera	Chrysomelidae	Chrysomelinae			BOLD: AAC0432				Togashi et al. 2010
COI	Insecta	Coleoptera	Cryptophagidae	Atomariinae	Atomaria	turgida	BOLD:AAJ9463	Otero et al. 2017		Otero et al. 2017	Lyubarsky 2014
COI	Insecta	Coleoptera	Curculionidae	Entiminae	Polydrusus		BOLD:ACO8630				Morimoto et al. 2015
COI	Insecta	Coleoptera	Hydrophilidae	Hydrophilinae	Enochrus		BOLD:AAF0204				Minoshima 2019; Jia & Wang 2010
COI	Insecta	Coleoptera	Nitidulidae	Nitidulinae	Cychramus	variegatus	BOLD:ABW4745	Kashizaki & Hisamatsu 2011		Lee et al. 2017	Hayashi 1978
COI	Insecta	Coleoptera	Staphylinidae	Euaesthetinae	Euaesthetus		BOLD:ACG9244	Oh & Cho 2015		Puthz 2010	Hayashi 1978
COI	Insecta	Diptera	Anthomyiidae				BOLD:AAG2490	Suwa 2018			
COI	Insecta	Diptera	Tachinidae	Exoristinae			BOLD:AAI6325			O'Hara et al. 2019	
COI	Insecta	Diptera	Tipulidae	Tipulinae	Tipula		BOLD:AAN5045				Men et al. 2019
COI	Insecta	Diptera	Tipulidae	Tipulinae	Tipula		BOLD:AAN9029				Men et al. 2019
COI	Insecta	Diptera	Limoniidae	Chioneinae	Teucholabis		BOLD:AAV2508				Kato 2019
COI	Insecta	Diptera	Limoniidae	Chioneinae			BOLD:ABA4102				Kato 2019
COI	Insecta	Diptera	Cecidomyiidae				BOLD:ABV2094	Abe et al. 2011			
COI	Insecta	Diptera	Limoniidae				BOLD:ABX4369	Savchenko et al. 1992			
COI	Insecta	Diptera	Limoniidae	Limoniinae	Libnotes		BOLD:ABY2385				Savchenko et al. 1992

Primer	Class	Order	Family	Subfamily	Genus	Species	BIN	Family	Subfamily	Genus	Species
COI	Insecta	Diptera	Syrphidae	Eristalinae			BOLD:ABY2389			Prokhorov et al. 2018	
COI	Insecta	Diptera	Tipulidae	Tipulinae	Tipula		BOLD:ABY5691				Men et al. 2019
COI	Insecta	Diptera	Phoridae				BOLD:ACA3150			Michailovskaya 1998	
COI	Insecta	Diptera	Tachinidae	Tachininae	Nemoraea	takanoi	BOLD:ACA7375				O'Hara et al. 2019
COI	Insecta	Diptera	Chironomidae	Chironominae	Glyptotendipes		BOLD:ACE3296				Yamamoto 1996
COI	Insecta	Diptera	Tachinidae				BOLD:ACF0578		O'Hara et al. 2019		
COI	Insecta	Diptera	Tipulidae	Tipulinae	Tipula		BOLD:ACF0878				Men et al. 2019
COI	Insecta	Diptera	Phoridae				BOLD:ACF6080		Michailovskaya 1998		
COI	Insecta	Diptera	Sphaeroceridae	Limosininae	Rachispoda		BOLD:ACK2192				Hayashi 1986
COI	Insecta	Diptera	Chironomidae				BOLD:ACK8680		Sasa & Suzuki 2000, Yamamoto et al. 2015		
COI	Insecta	Diptera	Sciaridae				BOLD:ACM6077		Menzel & Mohrig 2000		
COI	Insecta	Diptera	Simuliidae				BOLD:ACM8222		Adler & Crosskey 2008		
COI	Insecta	Diptera	Limoniidae				BOLD:ACN0178		Savchenko et al. 1992		
COI	Insecta	Diptera	Limoniidae				BOLD:ACN0238		Savchenko et al. 1992		
COI	Insecta	Diptera	Mycetophilidae				BOLD:ACN0859		Ratnasingham & Hebert 2007		
COI	Insecta	Diptera	Calliphoridae				BOLD:ACN1515		Hori et al. 1990		
COI	Insecta	Diptera	Psychodidae				BOLD:ACN3276		Sanjoba et al. 2011		
COI	Insecta	Diptera	Drosophilidae				BOLD:ACN4805		Toda 1987		
COI	Insecta	Diptera					BOLD:ACN5240				
COI	Insecta	Diptera	Limoniidae				BOLD:ACN5325		Savchenko et al. 1992		
COI	Insecta	Diptera	Phoridae				BOLD:ACO0272		Michailovskaya 1998		
COI	Insecta	Diptera	Chironomidae				BOLD:ACO4488		Sasa & Suzuki 2000, Yamamoto et al. 2015		
COI	Insecta	Diptera					BOLD:ACP6542				
COI	Insecta	Diptera	Chloropidae				BOLD:ACR0489		Nartshuk 2017		
COI	Insecta	Diptera	Muscidae				BOLD:ACT7328		Ratnasingham & Hebert 2007		
COI	Insecta	Diptera	Sciaridae				BOLD:ACU8386		Menzel & Mohrig 2000		
COI	Insecta	Diptera	Muscidae	Phaoniinae	Helina		BOLD:ACV2533				Zhang & Kurahashi 2000
COI	Insecta	Diptera	Psychodidae				BOLD:ACW2931		Sanjoba et al. 2011		
COI	Insecta	Diptera	Agromyzidae				BOLD:AAV4874		Sasakawa 2015		
COI	Insecta	Diptera	Anthomyiidae	Anthomyiinae	Botanophila		BOLD:AAG2502				Sevcik & Papp 2004
COI	Insecta	Diptera	Anthomyiidae	Anthomyiinae	Lasiomma		BOLD:ACK1581				Suwa 2018
COI	Insecta	Diptera	Anthomyiidae	Anthomyiinae	Delia	piatura	BOLD:AAG2511				Mizukoshi 2000
COI	Insecta	Diptera	Anthomyiidae	Anthomyiinae	Botanophila	profuga	BOLD:ACP6334				Suwa 1999
COI	Insecta	Diptera	Bolitophilidae	NA	Bolitophila		BOLD:AAM9007		NA		Sevcik & Papp 2004
COI	Insecta	Diptera	Cecidomyiidae				BOLD:ACP9491		Abe et al. 2011		
COI	Insecta	Diptera	Cecidomyiidae				BOLD:ACU9836		Abe et al. 2011		
COI	Insecta	Diptera	Cecidomyiidae	Cecidomyiinae	Feltiella	acarisuga	BOLD:ACD4136				Abe et al. 2011

Primer	Class	Order	Family	Subfamily	Genus	Species	BIN	Family	Subfamily	Genus	Species
COI	Insecta	Diptera	Chamaemyiidae				BOLD:ACC5885	Nagatomii 1968			
COI	Insecta	Diptera	Chironomidae	Diamesinae	Diamesa		BOLD:AAB5106			Suzuki 1998	
COI	Insecta	Diptera	Chironomidae	Orthocladiinae	Heterotrirossocladius	marcidus	BOLD:AAF2163			Sasa & Suzuki 2000, Yamamoto et al. 2015	Yamamoto 2004
COI	Insecta	Diptera	Chironomidae	Orthocladiinae	Eukiefferiella		BOLD:AAI5126				Sasa & Suzuki 2000
COI	Insecta	Diptera					BOLD:ACQ9269				
COI	Insecta	Diptera	Chironomidae	Orthocladiinae	Cricotopus	bicinctus	BOLD:AAT9677				Sasa & Suzuki 2001
COI	Insecta	Diptera	Chironomidae				BOLD:ACB8882				
COI	Insecta	Diptera	Chironomidae				BOLD:ACF6427				
COI	Insecta	Diptera	Chironomidae	Diamesinae			BOLD:ACK5496			Ratnasingham & Hebert 2007	
COI	Insecta	Diptera	Chloropidae	Oscinellinae			BOLD:AAN5657			Nartshuk 2017	
COI	Insecta	Diptera	Chloropidae				BOLD:ADC9928			Nartshuk 2017	
COI	Insecta	Diptera	Culicidae	Culicinae			BOLD:AAF2904			Tanaka 1999	
COI	Insecta	Diptera	Culicidae	Culicinae	Culex	orientalis	BOLD:ACB9306				Ratnasingham & Hebert 2007
COI	Insecta	Diptera	Culicidae	Culicinae	Culex		BOLD:AAA4751				Ratnasingham & Hebert 2007; Fonseca et al. 2009
COI	Insecta	Diptera	Cylindrotomidae	Cylindrotominae	Cylindrotoma		BOLD:AAD0770				Ratnasingham & Hebert 2007
COI	Insecta	Diptera	Drosophilidae	Drosophilinae	Drosophila		BOLD:AAY0127				Ratnasingham & Hebert 2007
COI	Insecta	Diptera	Drosophilidae	Drosophilinae	Drosophila		BOLD:ADH1432				Ratnasingham & Hebert 2007
COI	Insecta	Diptera	Drosophilidae	Steganinae	Leucophenga		BOLD:ACA1411				Chen & Aotsuka 2003
COI	Insecta	Diptera	Ephydriidae				BOLD:ACS0447	Kang & Suh 2017			
COI	Insecta	Diptera	Hybotidae	Tachydromiinae	Chersodromia		BOLD:ACJ9160				Maeda 2011
COI	Insecta	Diptera	Keroplatidae				BOLD:AAG4943	Polevoi & Barkalov 2017			
COI	Insecta	Diptera	Limoniidae	Limoniinae	Antocha	bifida	BOLD:AAW5955				Savchenko et al. 1992
COI	Insecta	Diptera	Limoniidae	Limoniinae	Dicranomyia	frontalis	BOLD:ABA5203				Savchenko et al. 1992
COI	Insecta	Diptera	Limoniidae	Limoniinae	Dicranomyia		BOLD:ABW0212				Savchenko et al. 1992
COI	Insecta	Diptera	Limoniidae				BOLD:ABV4791	Savchenko et al. 1992			
COI	Insecta	Diptera	Limoniidae				BOLD:ACS9407	Savchenko et al. 1992			
COI	Insecta	Diptera	Limoniidae	Limoniinae	Discobola		BOLD:ABW4922				Savchenko et al. 1992
COI	Insecta	Diptera	Limoniidae	Limoniinae	Libnotes		BOLD:ABW9478				Savchenko et al. 1992
COI	Insecta	Diptera	Limoniidae	Limoniinae	Dicranomyia		BOLD:AAO3939				Savchenko et al. 1992
COI	Insecta	Diptera	Limoniidae	Limoniinae	Dicranomyia		FINTI487-12				Savchenko et al. 1992
COI	Insecta	Diptera	Limoniidae	Limoniinae	Metalimnobia		BOLD:ABU9381				Savchenko et al. 1992
COI	Insecta	Diptera	Limoniidae	Limoniinae	Metalimnobia		BOLD:AAX5093				Savchenko et al. 1992
COI	Insecta	Diptera	Limoniidae	Limoniinae	Rhipidia	maculata	BOLD:ACB7799				Savchenko et al. 1992
COI	Insecta	Diptera	Lonchopteridae	NA	Lonchoptera		BOLD:ACB6694		NA		Wagner et al. 2008
COI	Insecta	Diptera	Muscidae				BOLD:ACD2056	Vikhrev 2009; Ratnasingham & Hebert 2007			

Primer	Class	Order	Family	Subfamily	Genus	Species	BIN	Family	Subfamily	Genus	Species
COI	Insecta	Diptera	Muscidae				BOLD:AAG1765	Vikhrev 2009; Ratnasingham & Hebert 2007		Zhang & Kurahashi 2000	Sorokina et al. 2018
COI	Insecta	Diptera	Muscidae	Phaoniinae	Helina	obscurata	BOLD:AAE6931			Vikhrev 2009	Sawabe et al. 2006
COI	Insecta	Diptera	Muscidae	Azeliinae	Muscina	pascuorum	BOLD:AAG1714				
COI	Insecta	Diptera	Muscidae				BOLD:ACR5608	Vikhrev 2009 Ratnasingham & Hebert 2007; Zhang & Kurahashi 2000; Iwasa 2007			
COI	Insecta	Diptera	Muscidae				BOLD:AAX1493			Vikhrev 2015	Mihalyi 1976
COI	Insecta	Diptera	Muscidae	Azeliinae	Hydrotaea	armipes	BOLD:AAG6908			Vikhrev & Ерофеева 2018	
COI	Insecta	Diptera	Muscidae	Phaoniinae	Phaonia		BOLD:AAG1772			Vikhrev & Ерофеева 2018	
COI	Insecta	Diptera	Muscidae	Phaoniinae	Phaonia		BOLD:APP8142			Vikhrev 2015	Vikhrev 2015
COI	Insecta	Diptera	Muscidae	Azeliinae	Hydrotaea	glabricula	BOLD:ADK1195			Iwasa et al. 1995	
COI	Insecta	Diptera	Muscidae	Azeliinae	Potamia	littoralis	BOLD:ACQ0523			Beppu 2004	
COI	Insecta	Diptera	Muscidae	Azeliinae	Thricops	diaphanus	BOLD:AAG1710				
COI	Insecta	Diptera	Mycetophilidae	Mycetophilinae	Platurocypta		BOLD:ACC5656	Ratnasingham & Hebert 2007		杉浦 et al. 2003	
COI	Insecta	Diptera	Pediciidae	Uliinae	Ula		BOLD:AAV1814			Savchenko et al. 1992	
COI	Insecta	Diptera	Pediciidae	Pediciinae	Dicranota		BOLD:ABW5265			Savchenko et al. 1992	
COI	Insecta	Diptera	Pediciidae	Uliinae	Ula	bolitophila	BOLD:ABA5946			Savchenko et al. 1992	
COI	Insecta	Diptera	Pediciidae	Uliinae	Ula		BOLD:ABA7462				
COI	Insecta	Diptera	Periscelididae				BOLD:ADE5755				
COI	Insecta	Diptera	Phoridae				BOLD:AAP6413				
COI	Insecta	Diptera	Psychodidae				BOLD:ACO7340				
COI	Insecta	Diptera	Psychodidae				BOLD:ADE7332				
COI	Insecta	Diptera	Psychodidae				BOLD:ADE8063				
COI	Insecta	Diptera	Psychodidae	Psychodinae	Psychoda		BOLD:AAL7819			Kiyoku 1958; Yones et al. 2013	
COI	Insecta	Diptera	Psychodidae	Psychodinae	Psychoda		BOLD:ACD9559			Yones et al. 2013	
COI	Insecta	Diptera	Sarcophagidae				BOLD:ACU3079				
COI	Insecta	Diptera	Sciaridae				BOLD:ACC1760				
COI	Insecta	Diptera	Sciaridae				BOLD:ACI7364				
COI	Insecta	Diptera	Simuliidae	Simuliinae	Simulium		BOLD:ABA1846			Adler & Crosskey 2008	
COI	Insecta	Diptera	Sphaeroceridae	Limosininae	Opalimosina	mirabilis	BOLD:AAN6406				Hayashi 2010
COI	Insecta	Diptera	Syrphidae	Eristalinae	Ferdinandea	cuprea	BOLD:AAJ0402			Khaghaninia et al., 2014	Khaghaninia et al., 2014
COI	Insecta	Diptera	Tachinidae	Exoristinae	Cyzenis		BOLD:APP4829			O'Hara et al. 2019	
COI	Insecta	Diptera	Tachinidae	Exoristinae	Drino		BOLD:AAB6198			O'Hara et al. 2019	
COI	Insecta	Diptera	Tachinidae	Exoristinae			BOLD:AAN9266			O'Hara et al. 2019	
COI	Insecta	Diptera	Tachinidae	Exoristinae	Cadurciella	tritaeniata	BOLD:AAN9651				O'Hara et al. 2019
COI	Insecta	Diptera	Tachinidae	Exoristinae	Phebellia	villica	BOLD:ACB0760				O'Hara et al. 2019
COI	Insecta	Diptera	Tachinidae				BOLD:AAZ8670	O'Hara et al. 2019			
COI	Insecta	Diptera	Tachinidae	Exoristinae			BOLD: AAC1692			O'Hara et al. 2019	

Primer	Class	Order	Family	Subfamily	Genus	Species	BIN	Family	Subfamily	Genus	Species
COI	Insecta	Diptera	Tipulidae	Tipulinae	Tipula	kuzuensis	BOLD:AAN9034			Men et al. 2019	Young et al. 2013
COI	Insecta	Diptera	Tipulidae	Tipulinae	Tipula		BOLD:ABV3695			Men et al. 2019	
COI	Insecta	Diptera	Tipulidae	Tipulinae	Tipula		BOLD:ABV4667			Men et al. 2019	
COI	Insecta	Diptera	Tipulidae	Tipulinae	Tipula		TIPTW088-10			Men et al. 2019	
COI	Insecta	Diptera	Tipulidae				TIPTW093-10	Men et al. 2019		Krzeminska 2001 (Trichocera sakaguchii is in Japan; has no record in BOLD)	
COI	Insecta	Diptera	Trichoceridae	Trichocerinae	Trichocera		BOLD:ACF7745			Ishikawa & Moriya 2019	
COI	Insecta	Hemiptera	Pentatomidae				BOLD:AAP3528			Luo et al. 2019	
COI	Insecta	Hemiptera	Cicadellidae	Deltococephalinae			BOLD:AAG8956				中田 et al. 2006
COI	Insecta	Hemiptera	Cicadidae	Cicadinae	Yezoterpnosia	nigricosta	BOLD:ACP9813				
COI	Insecta	Hemiptera	Psyllidae				BOLD:ACM6872	Cho et al. 2019			
COI	Insecta	Hymenoptera	Cimbicidae	Cimbicinae	Trichiosoma		BOLD:ACJ7002				Лелей et al. 2012
COI	Insecta	Hymenoptera	Cimbicidae	Cimbicinae	Trichiosoma		BOLD:ABZ2163				Лелей et al. 2012
COI	Insecta	Hymenoptera	Ichneumonidae				BOLD:ADI1279	Watanabe 2015			
COI	Insecta	Hymenoptera	Pamphiliidae	Pamphiliinae	Neurotoma	nemoralis	BOLD:AAV6346				ЛЕЛЕЙ et al. 2016
COI	Insecta	Hymenoptera	Pamphiliidae	Pamphiliinae	Pamphilus		BOLD:AAK4614				Лелей et al. 2012
COI	Insecta	Hymenoptera					EII067-15				
COI	Insecta	Hymenoptera					EII104-15				
COI	Insecta	Hymenoptera	Tenthredinidae	Nematinae	Pristiphora		BOLD:AAK9450				Лелей et al. 2012
COI	Insecta	Lepidoptera	Coleophoridae	Coleophorinae	Coleophora		BOLD: AAC8694				Niwaka & Jimbo 2018; 3
COI	Insecta	Lepidoptera	Crambidae	Scopariinae	Eudonia	persimilis	BOLD:AAF1478				Niwaka & Jimbo 2018; 4
COI	Insecta	Lepidoptera					BOLD:AAF8577				
COI	Insecta	Lepidoptera					BOLD:AAG6034				
COI	Insecta	Lepidoptera	Erebidae	Arctiinae			BOLD:AAH2626				ЛЕЛЕЙ et al. 2016
COI	Insecta	Lepidoptera	Gelechiidae	Gelechiinae			BOLD:AAH5654				ЛЕЛЕЙ et al. 2016
COI	Insecta	Lepidoptera	Noctuidae	Noctuinae			BOLD:AAI3519				Sayama et al. 2012; ЛЕЛЕЙ et al. 2016
COI	Insecta	Lepidoptera	Erebidae				BOLD:AAL4384	Lafontaine & Schmidt 2013			
COI	Insecta	Lepidoptera	Crambidae	Spilomelinae	Pleuroptya/ Patania	expictalis	BOLD:AAL4502				ЛЕЛЕЙ et al. 2016; Niwaka & Jimbo 2018; 5
COI	Insecta	Lepidoptera	Erebidae	Boletobiinae	Enispa		BOLD:AAL7095				ЛЕЛЕЙ et al. 2016
COI	Insecta	Lepidoptera	Noctuidae	Noctuinae			BOLD:AAM0480				Sayama et al. 2012; ЛЕЛЕЙ et al. 2016
COI	Insecta	Lepidoptera	Notodontidae	Notodontinae	Cerura		BOLD:AAM4552				ЛЕЛЕЙ et al. 2016
COI	Insecta	Lepidoptera	Noctuidae				BOLD:AAM9055	ЛЕЛЕЙ et al. 2016			
COI	Insecta	Lepidoptera	Noctuidae	Noctuinae			BOLD:AAM9761				Sayama et al. 2012; ЛЕЛЕЙ et al. 2016
COI	Insecta	Lepidoptera	Crambidae	Pyraustinae	Goniorhynchus		BOLD:AAN3555				ЛЕЛЕЙ et al. 2016
COI	Insecta	Lepidoptera	Hesperiidae				BOLD:AAN7248	ЛЕЛЕЙ et al. 2016			
COI	Insecta	Lepidoptera	Noctuidae				BOLD:AAP1728	ЛЕЛЕЙ et al. 2016			

Primer	Class	Order	Family	Subfamily	Genus	Species	BIN	Family	Subfamily	Genus	Species
COI	Insecta	Lepidoptera	Geometridae	Ennominae			BOLD:AAP2372		Sayama et al. 2012; ЛЕЛЕЙ et al. 2016		
COI	Insecta	Lepidoptera	Gelechiidae				BOLD:AAQ1460	ЛЕЛЕЙ et al. 2016			
COI	Insecta	Lepidoptera	Crambidae	Spilomelinae			BOLD:AAQ2087		ЛЕЛЕЙ et al. 2016		
COI	Insecta	Lepidoptera	Geometridae	Sterrhinae	Scopula		BOLD:AAV8961				Sayama et al. 2012
COI	Insecta	Lepidoptera	Erebidae	Arctiinae			BOLD:AAY5858		ЛЕЛЕЙ et al. 2016		
COI	Insecta	Lepidoptera	Limacodidae				BOLD:AAZ8422	ЛЕЛЕЙ et al. 2016			
COI	Insecta	Lepidoptera	Tortricidae	Olethreutinae	Rhopobota		BOLD:ABA8634				Sayama et al. 2012
COI	Insecta	Lepidoptera	Geometridae	Larentiinae	Leptostegna		BOLD:ABU5788				Sayama et al. 2012
COI	Insecta	Lepidoptera	Sphingidae	Smerinthinae	Marumba	gaschkevitschii	BOLD:ABU7231				Sayama et al. 2012
COI	Insecta	Lepidoptera					BOLD:ABU9226				
COI	Insecta	Lepidoptera	Tortricidae				BOLD:ABW0658	Sayama et al. 2012, ЛЕЛЕЙ et al. 2016			
COI	Insecta	Lepidoptera	Erebidae	Arctiinae	Cyana		BOLD:ABX3752				Sayama et al. 2012
COI	Insecta	Lepidoptera	Erebidae	Erebinae	Catocala		BOLD:ABZ3190				ЛЕЛЕЙ et al. 2016
COI	Insecta	Lepidoptera	Erebidae	Arctiinae			BOLD:ACB1726		ЛЕЛЕЙ et al. 2016		
COI	Insecta	Lepidoptera	Geometridae	Geometrinae			BOLD:ACE9755		ЛЕЛЕЙ et al. 2016		
COI	Insecta	Lepidoptera	Autostichidae				BOLD:ACF7812	Park & Kim 2017			
COI	Insecta	Lepidoptera	Cosmopterigidae				BOLD:ACJ1842	ЛЕЛЕЙ et al. 2016			
COI	Insecta	Lepidoptera	Gelechiidae	Gelechiinae	Sophronia		BOLD:ACL1953				ЛЕЛЕЙ et al. 2016
COI	Insecta	Lepidoptera	Geometridae	Ennominae			BOLD:ACL6993		Sayama et al. 2012; ЛЕЛЕЙ et al. 2016		
COI	Insecta	Lepidoptera					BOLD:ACM3459				
COI	Insecta	Lepidoptera	Elachistidae				BOLD:ACM9615	ЛЕЛЕЙ et al. 2016; Niwaka & Jimbo 2018; 6			
COI	Insecta	Lepidoptera	Tortricidae				BOLD:ACN0142	Sayama et al. 2012, ЛЕЛЕЙ et al. 2016			
COI	Insecta	Lepidoptera	Gelechiidae				BOLD:ACN0185	ЛЕЛЕЙ et al. 2016			
COI	Insecta	Lepidoptera	Tortricidae	Tortricinae	Choristoneura		BOLD:ACN0625				ЛЕЛЕЙ et al. 2016
COI	Insecta	Lepidoptera	Erebidae	Herminiinae			BOLD:ACO1434		ЛЕЛЕЙ et al. 2016		
COI	Insecta	Lepidoptera	Lasiocampidae	Poecilocampinae			BOLD:ACP2255		ЛЕЛЕЙ et al. 2016; Niwaka & Jimbo 2018; 7		
COI	Insecta	Lepidoptera	Gelechiidae				BOLD:ACR6168	ЛЕЛЕЙ et al. 2016			ЛЕЛЕЙ et al. 2016; Niwaka & Jimbo 2018; 8
COI	Insecta	Lepidoptera	Stathmopodidae	NA	Stathmopoda		BOLD:ACV9615		NA		
COI	Insecta	Lepidoptera					BOLD:ACW1375				
COI	Insecta	Lepidoptera					BOLD:ACX5590				
COI	Insecta	Lepidoptera	Crambidae				BOLD:ACX6648	ЛЕЛЕЙ et al. 2016			
COI	Insecta	Lepidoptera					BOLD:ADF8756				
COI	Insecta	Lepidoptera					BOLD:ADG3051				
COI	Insecta	Lepidoptera					BOLD:ADI1550				

Primer	Class	Order	Family	Subfamily	Genus	Species	BIN	Family	Subfamily	Genus	Species
COI	Insecta	Lepidoptera	Tortricidae	Tortricinae	Acleris	paradiseana	BOLD:ADI2826				ЛЕЛЕЙ et al. 2016
COI	Insecta	Lepidoptera					BOLD:ADI2961				
COI	Insecta	Lepidoptera					BOLD:ADI4331				
COI	Insecta	Lepidoptera	Geometridae	Sterrhinae	Scopula		BOLD:ADI7455				Sayama et al. 2012
COI	Insecta	Lepidoptera	Geometridae	Sterrhinae	Scopula		BOLD:ADJ2221				Sayama et al. 2012
COI	Insecta	Lepidoptera					GWOSS664-11				
COI	Insecta	Lepidoptera	Geometridae	Geometrinae			NAGEO164-09				
COI	Insecta	Lepidoptera	Autostichidae	Autostichinae			BOLD: AAC7842	Park & Kim 2017			
COI	Insecta	Lepidoptera	Blastobasidae	Blastobasinae	Hypatopa		BOLD: AAB9632				ЛЕЛЕЙ et al. 2016; Niwaka & Jimbo 2018; 9
COI	Insecta	Lepidoptera	Blastobasidae	Blastobasinae			BOLD: AAX6193				
COI	Insecta	Lepidoptera	Coleophoridae	Coleophorinae	Coleophora		BOLD: AAB8487				
COI	Insecta	Lepidoptera	Crambidae	Pyraustinae	Pyrausta/		BOLD: AAD0032				
COI	Insecta	Lepidoptera			Goniorhynchus		BOLD: ACM1938				
COI	Insecta	Lepidoptera	Crambidae	Acentropinae	Nymphula/Elophila		BOLD: AAF2874				ЛЕЛЕЙ et al. 2016; Chen et al. 2010
COI	Insecta	Lepidoptera	Crambidae	Spilomelinae	Palpita		BOLD: AAD6468				Sayama et al. 2012
COI	Insecta	Lepidoptera	Crambidae	Spilomelinae			BOLD: AAB6255				ЛЕЛЕЙ et al. 2016; Niwaka & Jimbo 2018; 12
COI	Insecta	Lepidoptera	Crambidae	Spilomelinae	Pleuroptya/Patania		BOLD: AAB6257				ЛЕЛЕЙ et al. 2016
COI	Insecta	Lepidoptera	Depressariidae				BOLD: AAY5033	ЛЕЛЕЙ et al. 2016			
COI	Insecta	Lepidoptera	Depressariidae	Depressariinae	Agonopterix		BOLD: AAF7176				ЛЕЛЕЙ et al. 2016
COI	Insecta	Lepidoptera	Depressariidae	Depressariinae	Depressaria		BOLD: ACN1500				ЛЕЛЕЙ et al. 2016
COI	Insecta	Lepidoptera	Depressariidae				BOLD: ACE7937	Buchner & Stănescu 2019; ЛЕЛЕЙ et al. 2016			
COI	Insecta	Lepidoptera	Drepanidae	Thyatirinae	Tetheella	fluctuosa	BOLD: AAD3647				ЛЕЛЕЙ et al. 2016
COI	Insecta	Lepidoptera	Erebidae				BOLD: AAB7538	ЛЕЛЕЙ et al. 2016			
COI	Insecta	Lepidoptera	Erebidae	Erebinae	Catocala		BOLD: AAE9541				Sayama et al. 2012
COI	Insecta	Lepidoptera	Erebidae	Arctiinae			BOLD: AAC3572				
COI	Insecta	Lepidoptera	Erebidae	Hypeninae			BOLD: AAC7130				
COI	Insecta	Lepidoptera	Erebidae	Erebinae	Ercheia		BOLD: AAD8285				Niwaka & Jimbo 2018; 13
COI	Insecta	Lepidoptera	Erebidae	Erebinae	Thyas	juno	BOLD: AAF1405				ЛЕЛЕЙ et al. 2016
COI	Insecta	Lepidoptera	Erebidae	Erebinae			BOLD: ABX5513				
COI	Insecta	Lepidoptera	Erebidae	Arctiinae			BOLD: ACE8889				
COI	Insecta	Lepidoptera	Erebidae				BOLD: ACT9815	ЛЕЛЕЙ et al. 2016			
COI	Insecta	Lepidoptera	Erebidae				BOLD: ADF0678	ЛЕЛЕЙ et al. 2016			
COI	Insecta	Lepidoptera	Erebidae	Herminiinae	Hydriolodes		BOLD: ACU0270				ЛЕЛЕЙ et al. 2016
COI	Insecta	Lepidoptera					BOLD: AAV8834				
COI	Insecta	Lepidoptera	Erebidae	Lymantriinae	Lymantria	dispar	BOLD: AAA2052				ЛЕЛЕЙ et al. 2016

Primer	Class	Order	Family	Subfamily	Genus	Species	BIN	Family	Subfamily	Genus	Species
COI	Insecta	Lepidoptera	Erebidae	Lymantriinae	Lymantria	monacha	BOLD:AAA5537				ЛЕЛЕЙ et al. 2016
COI	Insecta	Lepidoptera	Erebidae	Pangraptinae	Pangrapta		BOLD:ADF1765			ЛЕЛЕЙ et al. 2016	
COI	Insecta	Lepidoptera	Gelechiidae	Gelechiinae	Gelechia	cuneatella	BOLD:AAF5086				ЛЕЛЕЙ et al. 2016
COI	Insecta	Lepidoptera	Gelechiidae	Gelechiinae	Psoricoptera	gibbosella	BOLD:AAD0608				ЛЕЛЕЙ et al. 2016
COI	Insecta	Lepidoptera	Gelechiidae				BOLD:ABA1140	ЛЕЛЕЙ et al. 2016			
COI	Insecta	Lepidoptera	Geometridae	Ennominae			BOLD:ACG8719		Sayama et al. 2012; ЛЕЛЕЙ et al. 2016		
COI	Insecta	Lepidoptera	Geometridae	Ennominae	Cleora	insolita	BOLD:ACJ3813		2016		ЛЕЛЕЙ et al. 2016
COI	Insecta	Lepidoptera	Geometridae	Ennominae			BOLD:AAC6655		Sayama et al. 2012		
COI	Insecta	Lepidoptera	Geometridae	Ennominae	Deileptenia	ribeata	BOLD:AAC3800				Sayama et al. 2012
COI	Insecta	Lepidoptera	Geometridae	Ennominae	Ectropis		BOLD:AAB5227			Sayama et al. 2012	
COI	Insecta	Lepidoptera	Geometridae	Ennominae	Ectropis	crepuscularia	BOLD:AAA2076				Sayama et al. 2012
COI	Insecta	Lepidoptera	Geometridae	Ennominae	Endropioides		BOLD:AAF7479			ЛЕЛЕЙ et al. 2016	
COI	Insecta	Lepidoptera	Geometridae	Larentiinae	Gandaritis	fixseni	BOLD:AAY1335				Sayama et al. 2012
COI	Insecta	Lepidoptera	Geometridae	Larentiinae	Gandaritis		BOLD:AAB5983			Sayama et al. 2012	
COI	Insecta	Lepidoptera	Geometridae	Geometrinae	Geometra		BOLD:AAB2011			Sayama et al. 2012	
COI	Insecta	Lepidoptera	Geometridae	Ennominae	Protoboarmia		BOLD:AAA2077			Sayama et al. 2012; ЛЕЛЕЙ et al. 2016	
COI	Insecta	Lepidoptera	Geometridae	Larentiinae	Eupithecia		BOLD:AAA2083			Sayama et al. 2012	
COI	Insecta	Lepidoptera	Geometridae	Sterrhinae	Cyclophora		BOLD:AAD6021			ЛЕЛЕЙ et al. 2016	
COI	Insecta	Lepidoptera	Geometridae	Geometrinae			BOLD:AAE5087			ЛЕЛЕЙ et al. 2016	
COI	Insecta	Lepidoptera	Geometridae	Ennominae			BOLD:AAE6522			Sayama et al. 2012; ЛЕЛЕЙ et al. 2016	
COI	Insecta	Lepidoptera	Geometridae	Ennominae	Menopatra	senilis	BOLD:AAF3823				Sayama et al. 2012
COI	Insecta	Lepidoptera	Geometridae	Ennominae			BOLD:AAL8521			Sayama et al. 2012; ЛЕЛЕЙ et al. 2016	
COI	Insecta	Lepidoptera	Geometridae	Ennominae			BOLD:AAP9222			Sayama et al. 2012; ЛЕЛЕЙ et al. 2016	
COI	Insecta	Lepidoptera	Geometridae				BOLD:AAZ1901	Yoshida 1991			
COI	Insecta	Lepidoptera	Geometridae	Ennominae			BOLD:ABU6285			Sayama et al. 2012; ЛЕЛЕЙ et al. 2016	
COI	Insecta	Lepidoptera	Geometridae	Geometrinae	Jodis	putata	BOLD:ABZ4040				ЛЕЛЕЙ et al. 2016
COI	Insecta	Lepidoptera	Geometridae	Larentiinae			BOLD:ACB9627				Sayama et al. 2012, ЛЕЛЕЙ et al. 2016
COI	Insecta	Lepidoptera	Geometridae				BOLD:ADF1852				
COI	Insecta	Lepidoptera	Geometridae	Sterrhinae	Scopula		BOLD:LNAUS1341-13				Sayama et al. 2012
COI	Insecta	Lepidoptera	Geometridae	Ennominae	Hypomecis	punctinalis	BOLD:ACA2461				Sayama et al. 2012
COI	Insecta	Lepidoptera	Geometridae	Ennominae			BOLD:ACS9064			Sayama et al. 2012; ЛЕЛЕЙ et al. 2016	
COI	Insecta	Lepidoptera	Geometridae	Ennominae			BOLD:AAB6560			ЛЕЛЕЙ et al. 2016	
COI	Insecta	Lepidoptera	Geometridae	Ennominae	Ouryapteryx	maculicaudaria	BOLD:AAW9443				ЛЕЛЕЙ et al. 2016

Primer	Class	Order	Family	Subfamily	Genus	Species	BIN	Family	Subfamily	Genus	Species
COI	Insecta	Lepidoptera	Geometridae	Ennominae			BOLD:AAA2521		Sayama et al. 2012; ЛЕЛЕЙ et al. 2016		
COI	Insecta	Lepidoptera	Geometridae	Ennominae	Phthonosema	tendinosaria	BOLD:AAF6489				ЛЕЛЕЙ et al. 2016
COI	Insecta	Lepidoptera	Gracillariidae	Gracillariinae	Caloptilia	cf. heringi	BOLD:ADK1669				ЛЕЛЕЙ et al. 2016
COI	Insecta	Lepidoptera	Gracillariidae	Gracillariinae	Caloptilia	hidakensis	BOLD:AAK1674				ЛЕЛЕЙ et al. 2016
COI	Insecta	Lepidoptera	Gracillariidae	Gracillariinae	Caloptilia		BOLD:ACL6329				ЛЕЛЕЙ et al. 2016
COI	Insecta	Lepidoptera	Gracillariidae	Gracillariinae			BOLD:ADK2510				ЛЕЛЕЙ et al. 2016
COI	Insecta	Lepidoptera	Hepialidae	Hepialinae			BOLD:AAO2948				Niwaka & Jimbo 2018; 14
COI	Insecta	Lepidoptera	Hepialidae	Hepialinae			BOLD:ACN8703				Niwaka & Jimbo 2018; 15
COI	Insecta	Lepidoptera	Hesperiidae	Coeliadinae	Burara/Bibasis	aquilina	BOLD:ACD6545				Tsukiji 2020; 16
COI	Insecta	Lepidoptera	Hesperiidae	Hesperiinae			LIMBC545-11	ЛЕЛЕЙ et al. 2016	ЛЕЛЕЙ et al. 2016		
COI	Insecta	Lepidoptera	Hesperiidae	Hesperiinae	Thoressa	varia	BOLD:ADK0840				
COI	Insecta	Lepidoptera	Lasiocampidae	Lasiocampinae	Euthrix	potatoria	BOLD:AAC1584				
COI	Insecta	Lepidoptera	Lecithoceridae					Park et al. 2020; ЛЕЛЕЙ et al. 2016; Niwaka & Jimbo 2018; 19			
COI	Insecta	Lepidoptera	Limacodidae	Limacodinae			BOLD:AAD6680				
COI	Insecta	Lepidoptera	Limacodidae	Limacodinae			BOLD:ACE6221				Sayama et al. 2012
COI	Insecta	Lepidoptera	Limacodidae	Limacodinae			BOLD:AAA9203				Sayama et al. 2012
COI	Insecta	Lepidoptera	Limacodidae				BOLD:ACC2517	ЛЕЛЕЙ et al. 2016			
COI	Insecta	Lepidoptera	Limacodidae	Limacodinae	Parasa		BOLD:AAM0823				Sayama et al. 2012
COI	Insecta	Lepidoptera	Limacodidae	Limacodinae	Phrixolepia		BOLD:AAV5028				ЛЕЛЕЙ et al. 2016; Niwaka & Jimbo 2018; 20
COI	Insecta	Lepidoptera	Lycaenidae	Theclinae	Rapala		BOLD:AAL1375		ЛЕЛЕЙ et al. 2016		Korshunov & Gorbunov, 1995
COI	Insecta	Lepidoptera	Noctuidae	Acronictinae	Acronicta		BOLD:ADK0044				Sayama et al. 2012; ЛЕЛЕЙ et al. 2016
COI	Insecta	Lepidoptera	Noctuidae	Pantheinae	Anacronicta		BOLD:AAK1458				ЛЕЛЕЙ et al. 2016; Sayama et al. 2012
COI	Insecta	Lepidoptera	Noctuidae	Noctuinae	Apamea	helva	BOLD: AAC5412				
COI	Insecta	Lepidoptera	Noctuidae	Noctuinae	Athetis		BOLD:AAV0425		ЛЕЛЕЙ et al. 2016		
COI	Insecta	Lepidoptera	Noctuidae	Acronictinae	Belciades	niveola	BOLD:ACU0724				Sayama et al. 2012; ЛЕЛЕЙ et al. 2016
COI	Insecta	Lepidoptera	Noctuidae	Amphipyrinae	Brachionycha	nubeculosa	BOLD:AAE0860				ЛЕЛЕЙ et al. 2016
COI	Insecta	Lepidoptera					BOLD:ADF8757				
COI	Insecta	Lepidoptera	Noctuidae				BOLD:ACT9151	Sayama et al. 2012; Niwaka & Jimbo 2018; 21			
COI	Insecta	Lepidoptera	Noctuidae	Noctuinae			BOLD:ACJ1078		Sayama et al. 2012; ЛЕЛЕЙ et al. 2016		
COI	Insecta	Lepidoptera	Noctuidae	Oncocnemidinae			BOLD:AAE4319		ЛЕЛЕЙ et al. 2016		
COI	Insecta	Lepidoptera	Noctuidae	Plusiinae			BOLD:AAE7504		ЛЕЛЕЙ et al. 2016		
COI	Insecta	Lepidoptera	Noctuidae	Amphipyrinae			BOLD:AAW4866		ЛЕЛЕЙ et al. 2016		
COI	Insecta	Lepidoptera	Noctuidae	Noctuinae	Leucania		BOLD:AAJ2503				ЛЕЛЕЙ et al. 2016
COI	Insecta	Lepidoptera	Noctuidae	Noctuinae	Lithophane	socia	BOLD:AAE6607				ЛЕЛЕЙ et al. 2016

Primer	Class	Order	Family	Subfamily	Genus	Species	BIN	Family	Subfamily	Genus	Species
COI	Insecta	Lepidoptera	Noctuidae	Noctuinae	Spodoptera	<i>exigua</i>	BOLD:AAA6644				ЛЕЛЕЙ et al. 2016
COI	Insecta	Lepidoptera	Noctuidae	Noctuinae	Spodoptera	<i>cilium</i>	BOLD: AAC8279			ЛЕЛЕЙ et al. 2016	Ratnasingham & Hebert 2007
COI	Insecta	Lepidoptera	Noctuidae	Amphipyrinae			BOLD:AAH5319			ЛЕЛЕЙ et al. 2016	
COI	Insecta	Lepidoptera					BOLD:ADG3545				
COI	Insecta	Lepidoptera					BOLD:AAB6211				
COI	Insecta	Lepidoptera	Noctuidae	Noctuinae			BOLD: AAB6980			Sayama et al. 2012; ЛЕЛЕЙ et al. 2016	
COI	Insecta	Lepidoptera	Noctuidae	Noctuinae	Xylena		BOLD: AAE4735			ЛЕЛЕЙ et al. 2016	
COI	Insecta	Lepidoptera	Nolidae	Chloephorinae	Nycteola		BOLD: AAE2641			ЛЕЛЕЙ et al. 2016	
COI	Insecta	Lepidoptera	Nolidae	Nolinae	Nola	<i>confusalis</i>	BOLD: AAB5563				Sayama et al. 2012
COI	Insecta	Lepidoptera	Nolidae	Nolinae			BOLD: AAL7275				
COI	Insecta	Lepidoptera	Nolidae	Chloephorinae	Pseudoips	<i>prasina</i>	BOLD: AAB8807			ЛЕЛЕЙ et al. 2016	
COI	Insecta	Lepidoptera	Notodontidae				BOLD: AAM3801	ЛЕЛЕЙ et al. 2016			
COI	Insecta	Lepidoptera	Notodontidae	Notodontinae			BOLD: AAL6465			Sayama et al. 2012, ЛЕЛЕЙ et al. 2016	
COI	Insecta	Lepidoptera	Notodontidae	Heterocampinae			BOLD: AAM4825	ЛЕЛЕЙ et al. 2016		Ratnasingham & Hebert 2007	
COI	Insecta	Lepidoptera	Notodontidae	Notodontinae	Notodonta		BOLD: AAC1146			ЛЕЛЕЙ et al. 2016	
COI	Insecta	Lepidoptera	Notodontidae	Notodontinae	Shaka		BOLD: ACJ1076			Tsukiji 2020; 22	
COI	Insecta	Lepidoptera	Notodontidae	Heterocampinae	Stauropus	<i>fagi</i>	BOLD: AAD0646				Sayama et al. 2012
COI	Insecta	Lepidoptera	Nymphalidae	Heliconiinae	Boloria		BOLD: AAB9155			ЛЕЛЕЙ et al. 2016, Simonsen 2005	
COI	Insecta	Lepidoptera	Oecophoridae	Oecophorinae			BOLD: AAF9734	ЛЕЛЕЙ et al. 2016			
COI	Insecta	Lepidoptera	Papilionidae	Papilioninae	Papilio		BOLD: AAI5285			ЛЕЛЕЙ et al. 2016	
COI	Insecta	Lepidoptera	Pyralidae	Pyralinae	Endotricha	<i>olivacealis</i>	BOLD: ACI9403				ЛЕЛЕЙ et al. 2016; Niwaka & Jimbo 2018; 23
COI	Insecta	Lepidoptera	Saturniidae				BOLD: AAA5428	Sayama et al. 2012; ЛЕЛЕЙ et al. 2016			
COI	Insecta	Lepidoptera	Saturniidae	Saturniinae	Saturnia		BOLD: AAB9581			Sayama et al. 2012	
COI	Insecta	Lepidoptera	Saturniidae	Saturniinae	Saturnia	<i>jonasii</i>	BOLD: AAD1452				Sayama et al. 2012
COI	Insecta	Lepidoptera	Sphingidae	Smerinthinae	Callambulyx		BOLD: ABY4871				
COI	Insecta	Lepidoptera	Sphingidae	Macroglossinae			BOLD: AAB0931	ЛЕЛЕЙ et al. 2016; Niwaka & Jimbo 2018; 24			
COI	Insecta	Lepidoptera	Sphingidae	Sphinginae	Sphinx	<i>ligustri</i>	BOLD: AAB6107			ЛЕЛЕЙ et al. 2016; Niwaka & Jimbo 2018; 25	
COI	Insecta	Lepidoptera	Sphingidae	Sphinginae	Sphinx		BOLD: ACF5246			ЛЕЛЕЙ et al. 2016; Niwaka & Jimbo 2018; 25	
COI	Insecta	Lepidoptera	Stathmopodidae	NA	Stathmopoda	<i>pedella</i>	BOLD: AAD4282			ЛЕЛЕЙ et al. 2016; Niwaka & Jimbo 2018; 26	
COI	Insecta	Lepidoptera	Tineidae	Scardiinae	Morophaga	<i>bucephala</i>	BOLD: AAG8510				Sayama et al. 2012
COI	Insecta	Lepidoptera	Tortricidae	Tortricinae			BOLD: AAC3136	Sayama et al. 2012, ЛЕЛЕЙ et al. 2016			
COI	Insecta	Lepidoptera	Tortricidae	Tortricinae	Archips	<i>betulana</i>	BOLD: ACM3437				ЛЕЛЕЙ et al. 2016
COI	Insecta	Lepidoptera	Tortricidae	Tortricinae	Archips		BOLD: AAB5839			Sayama et al. 2012, ЛЕЛЕЙ et al. 2016	

Primer	Class	Order	Family	Subfamily	Genus	Species	BIN	Family	Subfamily	Genus	Species
COI	Insecta	Lepidoptera	Tortricidae	Tortricinae	Choristoneura	diversana	BOLD:AAD8048			ЛЕЛЕЙ et al. 2016	ЛЕЛЕЙ et al. 2016; 北海道森林害虫図鑑 (affrc.go.jp)
COI	Insecta	Lepidoptera	Tortricidae	Tortricinae			BOLD:ACT2120		Sayama et al. 2012, ЛЕЛЕЙ et al. 2016		
COI	Insecta	Lepidoptera	Tortricidae	Tortricinae	Dichelia					ЛЕЛЕЙ et al. 2016	
COI	Insecta	Lepidoptera	Tortricidae	Tortricinae	Eana	incanana	BOLD:AAD7476				Niwaka & Jimbo 2018; 27
COI	Insecta	Lepidoptera	Tortricidae	Olethreutinae	Epinotia		BOLD:AAE1784			Sayama et al. 2012	
COI	Insecta	Lepidoptera	Tortricidae	Olethreutinae	Epinotia	nisella	BOLD:AAA7530			Sayama et al. 2012	ЛЕЛЕЙ et al. 2016
COI	Insecta	Lepidoptera	Tortricidae	Olethreutinae	Eudemis	porphyrana	BOLD: AAC6854			ЛЕЛЕЙ et al. 2016	ЛЕЛЕЙ et al. 2016
COI	Insecta	Lepidoptera	Tortricidae	Olethreutinae	Gypsonoma	dealbana	BOLD: AAB0380				Sayama et al. 2012
COI	Insecta	Lepidoptera	Tortricidae	Olethreutinae	Lobesia		BOLD: ABV8007			ЛЕЛЕЙ et al. 2016	
COI	Insecta	Lepidoptera	Tortricidae	Olethreutinae			BOLD: ABZ7645		Sayama et al. 2012		
COI	Insecta	Lepidoptera	Tortricidae	Olethreutinae	Olethreutes		BOLD: ACS0054			Niwaka & Jimbo 2018; 28	
COI	Insecta	Lepidoptera	Tortricidae	Tortricinae	Pandemis	cinnamomeana	BOLD: AAD0575			ЛЕЛЕЙ et al. 2016	
COI	Insecta	Lepidoptera	Tortricidae	Tortricinae	Pandemis	corylana	BOLD: AAC5400			ЛЕЛЕЙ et al. 2016	
COI	Insecta	Lepidoptera	Tortricidae	Olethreutinae	Phiaris		BOLD: AAJ2026			ЛЕЛЕЙ et al. 2016	
COI	Insecta	Lepidoptera	Tortricidae	Tortricinae	Ptycholoma	lecheanum	BOLD: AAD3264				Tsukiji 2020; 29
COI	Insecta	Lepidoptera	Tortricidae	Olethreutinae	Rhopobota	naevana	BOLD: AAA9812				Sayama et al. 2012
COI	Insecta	Lepidoptera	Tortricidae	Olethreutinae			BOLD: AAA0213		Niwaka & Jimbo 2018; 30		
COI	Insecta	Lepidoptera	Tortricidae	Olethreutinae	Spilonota	laricana	BOLD: AAA7739			ЛЕЛЕЙ et al. 2016	
COI	Insecta	Lepidoptera	Tortricidae	Tortricinae	Archips	crataeganus	BOLD: AAD6620		Sayama et al. 2012, ЛЕЛЕЙ et al. 2016		Bong-kyu et al. 2003
COI	Insecta	Lepidoptera					BOLD: AAH4639				
COI	Insecta	Lepidoptera	Tortricidae	Olethreutinae	Epinotia		BOLD: AAN7425			Sayama et al. 2012	
COI	Insecta	Lepidoptera	Tortricidae	Olethreutinae			BOLD: AAV9504		Sayama et al. 2012		
COI	Insecta	Lepidoptera	Tortricidae				BOLD: ADE9961	Sayama et al. 2012, ЛЕЛЕЙ et al. 2016			
COI	Insecta	Lepidoptera	Tortricidae	Tortricinae			BOLD: ACP8754		Sayama et al. 2012, ЛЕЛЕЙ et al. 2016		
COI	Insecta	Lepidoptera	Tortricidae	Olethreutinae	Zeiraphera	rufimitrana	BOLD: AAM3356			ЛЕЛЕЙ et al. 2016	
COI	Insecta	Lepidoptera	Uraniidae	Uraniinae			BOLD: ACF4699				
COI	Insecta	Lepidoptera	Yponomeutidae	Yponomeutinae			BOLD: AAE4109			ЛЕЛЕЙ et al. 2016; Na et al. 2018	
COI	Insecta	Lepidoptera	Ypsolophidae	Ypsolophae	Ypsolopha	vittella	BOLD: AAD9548			ЛЕЛЕЙ et al. 2016	
COI	Insecta	Lepidoptera					BOLD: AAD3218				
COI	Insecta	Mecoptera	Panorpidae	Panorpinae	Panorpa	pryeri	BOLD: ACA3726			中田 et al. 2006	
COI	Insecta	Neuroptera	Hemerobiidae	Drepanopteryginae	Drepanopteryx		BOLD: ACT2374			Dobosz et al. 2019	
COI	Insecta	Neuroptera	Hemerobiidae	Hemerobiinae	Hemerobius		BOLD: AAG0897			Tsukiji 2020; 31	
COI	Insecta	Neuroptera	Hemerobiidae	Hemerobiinae	Hemerobius		BOLD: ABZ0149			Tsukiji 2020; 32	
COI	Insecta	Neuroptera	Hemerobiidae	Hemerobiinae	Hemerobius	fenestratus	BOLD: AAU3559			Dobosz et al. 2019	

Primer	Class	Order	Family	Subfamily	Genus	Species	BIN	Family	Subfamily	Genus	Species
COI	Insecta	Neuroptera	Hemerobiidae	Hemerobiinae	Hemerobius	<i>simulans</i>	BOLD:ACM1832				Dobosz et al. 2019
COI	Insecta	Neuroptera	Hemerobiidae	Hemerobiinae			BOLD:ABU9030				Dobosz et al. 2019
COI	Insecta	Neuroptera	Osmylidae				INRMA502-12				Dobosz et al. 2019
COI	Insecta	Plecoptera	Nemouridae	Amphinemurinae			BOLD:AAL6222				DeWalt et al. 2020; 33
COI	Insecta	Psocodea	Psocidae	Psocinae	Psococerastis		BOLD:ACC5474				Tsukiji 2020; 34
COI	Insecta	Trichoptera	Lepidostomatidae	Lepidostomatinae	Lepidostoma	<i>elongatum</i>	RUSST089-12				Yang & Weaver 2002
COI	Insecta	Trichoptera	Psychomyiidae	Psychomyiinae	Tinodes	<i>higashiyamanus</i>	BOLD:ACD6706				Ito 2000, 2017
COI	Insecta	Trichoptera	Thremmatidae	Thremmatinae	Neophylax	<i>ussuriensis</i>	BOLD:AAG9568				Nozaki 2020
16S	Arachnida	Opiliones	Sclerosomatidae	Leiobuninae	Leiobunum	<i>tohokuense</i>	NA				Burns et al. 2018
16S	Insecta	Coleoptera	Elateridae	Elaterinae	Agriotes		NA				Oba et al. 2015
16S	Insecta	Coleoptera	Scarabaeidae	Rutelinae	Anomala		NA				Kobayashi & Matsumoto 2011
16S	Insecta	Coleoptera	Curculionidae	Curculioninae	Curculio		NA				Notsu 1994
16S	Insecta	Coleoptera	Cerambycidae	Lamiinae	Eutetrapha		NA				Lin et al. 2017
16S	Insecta	Coleoptera	Tenebrionidae	Alleculinae	Hymenalia		NA				Akita & Matsumoto 2012
16S	Insecta	Coleoptera	Scarabaeidae				NA				Isono et al. 1986
16S	Insecta	Coleoptera	Scarabaeidae				NA				Kobayashi & Matsumoto 2011
16S	Insecta	Coleoptera	Melandryidae	Malandryinae	Phloiotrya	<i>planiuscula</i>	NA				Ishihama & Hara 2006
16S	Insecta	Coleoptera	Scarabaeidae				NA				Löbl & Smetana 2008
16S	Insecta	Coleoptera	Cantharidae	Cantharinae	Podabrus		NA				Kazantsev 2001
16S	Insecta	Coleoptera	Chrysomelidae				NA				Cho & Świątakowska 2017
16S	Insecta	Dermaptera	Forficulidae	Anechurinae	Anechura	<i>harmandi</i>	NA				Nishikawa 2009
16S	Insecta	Dermaptera	Forficulidae	Forficulinae	Forficula	<i>mikado</i>	NA				Nishikawa 2009
16S	Insecta	Diptera	Mycetophilidae	Gnoristinae	Boletina		NA				Ratnasingham & Hebert 2007
16S	Insecta	Diptera	Tachinidae	Exoristinae	Botria	<i>japonica</i>	NA				O'Hara et al. 2019
16S	Insecta	Diptera	Sciaridae	NA	Chaetosciara		NA				Menzel 1999
16S	Insecta	Diptera	Calliphoridae	Chrysomyinae	Chrysomya		NA				Iwasa & Hori 1990
16S	Insecta	Diptera	Empidoidea				NA				Maeda 2011
16S	Insecta	Diptera	Culicidae	Culicinae	Culex		NA				Fonseca et al. 2009
16S	Insecta	Diptera	Culicidae	Culicinae	Culex	<i>tritaeniorhynchus</i>	NA				Takashima et al. 1989
16S	Insecta	Diptera	Limoniidae	Limoniinae	Dicranomyia		NA				Savchenko et al. 1992
16S	Insecta	Diptera	Limoniidae	Limoniinae	Dicranomyia		NA				Savchenko et al. 1992
16S	Insecta	Diptera	Limoniidae	Limoniinae	Dicranomyia		NA				Savchenko et al. 1992
16S	Insecta	Diptera	Limoniidae	Limoniinae	Dicranomyia		NA				Savchenko et al. 1992
16S	Insecta	Diptera	Tachinidae	Exoristinae	Eumea	<i>linearicornis</i>	NA				O'Hara et al. 2019
16S	Insecta	Diptera	Mycetophilidae	Mycetophilinae	Exechia		NA				Ratnasingham & Hebert 2007
16S	Insecta	Diptera	Mycetophilidae	Mycetophilinae	Exechia		NA				Ratnasingham & Hebert 2007

Primer	Class	Order	Family	Subfamily	Genus	Species	BIN	Family	Subfamily	Genus	Species
16S	Insecta	Diptera	Tachinidae	Exoristinae	Gonia	chinensis	NA				O'Hara et al. 2019
16S	Insecta	Diptera	Limoniidae				NA	Savchenko et al. 1992			
16S	Insecta	Diptera	Chironomidae	Chironominae	Micropsectra		NA			Ratnasingham & Hebert 2007	
16S	Insecta	Diptera	Chironomidae	Chironominae	Micropsectra		NA			Ratnasingham & Hebert 2007	
16S	Insecta	Diptera	Mycetophilidae	Mycetophilinae	Mycetophila		NA			Ratnasingham & Hebert 2007	Matsumoto 2006
16S	Insecta	Diptera	Mycetophilidae	Mycetophilinae	Mycetophila	fungorum	NA				Okada 1939
16S	Insecta	Diptera	Mycetophilidae	Mycomyinae	Mycomyia		NA	Ratnasingham & Hebert 2007	笹川 2003	笹川 2003	
16S	Insecta	Diptera					NA				
16S	Insecta	Diptera	Empidoidea				NA			Maeda 2011	
16S	Insecta	Diptera	Limoniidae				NA			Savchenko et al. 1992	
16S	Insecta	Diptera	Psychodidae				NA			Sanjoba et al. 2011	
16S	Insecta	Diptera	Rhagionidae				NA			Imada & Kato 2016	
16S	Insecta	Diptera	Tipulidae				NA			Men et al. 2019	
16S	Insecta	Diptera	Culicidae	Culicinae	Ochlerotatus		NA				Ratnasingham & Hebert 2007
16S	Insecta	Diptera	Pediciidae	Pediciinae	Pedicia		NA				Savchenko et al. 1992
16S	Insecta	Diptera	Rhinophoridae				NA			Kato & Tachi 2016	
16S	Insecta	Diptera	Mycetophilidae	Mycetophilinae	Pseudobrachypeza		NA				Ratnasingham & Hebert 2007
16S	Insecta	Diptera	Phoridae	Phorinae	Stichillus		NA				Nakayama & Shima 2004
16S	Insecta	Diptera	Tachinidae	Exoristinae	Suensonomyia	nudinervia	NA				O'Hara et al. 2019
16S	Insecta	Diptera	Mycetophilidae				NA			Ratnasingham & Hebert 2007	
16S	Insecta	Diptera	Muscidae	Azeliinae	Thricops		NA				Beppu 2004
16S	Insecta	Diptera	Tipulidae	Tipulinae	Tipula		NA				Men et al. 2019
16S	Insecta	Diptera	Tipulidae	Tipulinae	Tipula		NA				Men et al. 2019
16S	Insecta	Diptera	Mycetophilidae	Mycetophilinae			NA			Ratnasingham & Hebert 2007	
16S	Insecta	Ephemeroptera	Heptageniidae	Rhithrogeniinae	Rhithrogena		NA				Ishiwata 2001
16S	Insecta	Ephemeroptera	Heptageniidae	Rhithrogeniinae	Rhithrogena		NA				Ishiwata 2001
16S	Insecta	Hemiptera	Miridae	Mirinae	Adelphocoris		NA				Zhang et al. 2015
16S	Insecta	Hemiptera	Miridae	Deraeocorinae	Alloeotomus	simplicipes	NA	Zhang et al. 2015	Poorani et al. 2019	Seong & Lee 2007	Seong & Lee 2007
16S	Insecta	Hemiptera	Miridae	Mirinae	Arboglypus	rubripes	NA				Tsukiji 2020; 35
16S	Insecta	Hemiptera	Acanthosomatidae	Acanthosomatinae	Elasmucha	signoreti	NA				Tsukiji 2020; 36
16S	Insecta	Hemiptera	Miridae	Mirinae	Phytocoris		NA				Yasunaga & Schwartz 2015
16S	Insecta	Hemiptera	Psyllidae	Psyllinae	Psylla		NA				Cho et al. 2019
16S	Insecta	Hemiptera	Psyllidae	Psyllinae	Psylla		NA				Cho et al. 2019
16S	Insecta	Hemiptera	Aphididae	Calaphidinae	Symydobius	kabae	NA			Simbaqueba et al. 2016	Tsukiji 2020; 37
16S	Insecta	Hymenoptera	Braconidae	Rogadinae	Aleiodes		NA	Ratnasingham & Hebert 2007	Butcher et al. 2016	Samin et al. 2016	
16S	Insecta	Hymenoptera	Ichneumonidae	Campopleginae	Hyposoter		NA			Watanabe 2019	Watanabe 2015
16S	Insecta	Hymenoptera	Braconidae	Microgastrinae	Microplitis		NA				Kaneko 1993
16S	Insecta	Hymenoptera					NA				

Primer	Class	Order	Family	Subfamily	Genus	Species	BIN	Family	Subfamily	Genus	Species
16S	Insecta	Hymenoptera	Formicidae				NA	寺山 et al. 2020			
16S	Insecta	Hymenoptera	Tenthredinidae	Nematinae	Nematinus	<i>luteus</i>	NA				Togashi 2007
16S	Insecta	Lepidoptera	Geometridae	Ennominae	Arichanna	<i>melanaria</i>	NA				ЛЕЛЕЙ et al. 2016
16S	Insecta	Lepidoptera	Noctuidae				NA	ЛЕЛЕЙ et al. 2016, Sayama et al. 2012			
16S	Insecta	Lepidoptera	Tortricidae	Tortricinae			NA	Sayama et al. 2012, ЛЕЛЕЙ et al. 2016			
16S	Insecta	Trichoptera	Limnephilidae	Dicosmoecinae	Dicosmoecus		NA			Ratnasingham & Hebert 2007	
16S	Insecta	Lepidoptera	Geometridae	Ennominae	Ectropis	<i>obliqua</i>	NA				ЛЕЛЕЙ et al. 2016
16S	Insecta	Lepidoptera	Tortricidae	Tortricinae			NA	Sayama et al. 2012, ЛЕЛЕЙ et al. 2016			
16S	Insecta	Lepidoptera	Geometridae	Ennominae	Jankowskia		NA			ЛЕЛЕЙ et al. 2016	
16S	Insecta	Lepidoptera	Geometridae	Larentiinae	Lobogonodes	<i>erectaria</i>	NA				Sayama et al. 2012
16S	Insecta	Lepidoptera	Erebidae	Lymantriinae	Lymantria		NA			ЛЕЛЕЙ et al. 2016	
16S	Insecta	Lepidoptera	Geometridae	Ennominae	Myrioblephara	<i>cilicornaria</i>	NA				Niwaka & Jimbo 2018; 38
16S	Insecta	Lepidoptera					NA				
16S	Insecta	Lepidoptera	Noctuidae	Noctuinae	Panolis		NA			ЛЕЛЕЙ et al. 2016	
16S	Insecta	Lepidoptera	Noctuidae	Hadeninae	Panolis		NA			ЛЕЛЕЙ et al. 2016	
16S	Insecta	Lepidoptera	Noctuidae	Noctuinae	Panolis		NA			ЛЕЛЕЙ et al. 2016	
16S	Insecta	Lepidoptera	Noctuidae				NA	ЛЕЛЕЙ et al. 2016, Sayama et al. 2012			
16S	Insecta	Lepidoptera	Noctuidae				NA	ЛЕЛЕЙ et al. 2016, Sayama et al. 2012			
16S	Insecta	Lepidoptera	Thyrididae	Siculodinae	Pyrinoides	<i>aurea</i>	NA				Niwaka & Jimbo 2018; 39
16S	Insecta	Lepidoptera	Saturniidae	Saturniinae	Saturnia		NA			Sayama et al. 2012	
16S	Insecta	Mecoptera	Panorpidae	Panorpinae	Panorpa	<i>takenouchii</i>	NA			中田 et al. 2006	Penny & Byers 1979
16S	Insecta	Neuroptera	Chrysopidae	Chrysopinae	Apertochrysa		NA			Tsukaguchi & Tago 2018	
16S	Insecta	Neuroptera	Chrysopidae	Chrysopinae	Chrysoperla		NA			Tsukiji 2020; 40	
16S	Insecta	Neuroptera	Chrysopidae	Chrysopinae	Chrysoperla		NA			Tsukiji 2020; 41	
16S	Insecta	Neuroptera	Osmylidae	Osmylinae	Osmylus		NA			Tsukiji 2020; 42	
16S	Insecta	Neuroptera	Hemerobiidae	Hemerobiinae			NA	Dobosz et al. 2019			
16S	Insecta	Odonata	Libellulidae	Sympetrinae	Sympetrum	<i>frequens</i>	NA				Tsukiji 2020; 43
16S	Insecta	Odonata	Libellulidae	Sympetrinae	Sympetrum	<i>infuscatum</i>	NA				Tsukiji 2020; 44
16S	Insecta	Orthoptera	Rhaphidophoridae	Aemodogryllinae			NA	Tsukiji 2020; 45			
16S	Insecta	Orthoptera	Trigonidiidae	Nemobiinae	Dianemobius	<i>nigrofasciatus</i>	NA				Tsukiji 2020; 46
16S	Insecta	Orthoptera	Rhaphidophoridae	Aemodogryllinae	Diestrammena		NA			Tsukiji 2020; 47	
16S	Insecta	Orthoptera	Rhaphidophoridae				NA	Tsukiji 2020; 48			
16S	Insecta	Orthoptera	Rhaphidophoridae				NA	Tsukiji 2020; 49			
16S	Insecta	Plecoptera	Perlidae	Acroneuriinae	Calineuria		NA			Uchida 1983; DeWalt et al. 2020; 50	
16S	Insecta	Plecoptera	Nemouridae				NA	DeWalt et al. 2020; 51			

Primer	Class	Order	Family	Subfamily	Genus	Species	BIN	Family	Subfamily	Genus	Species
16S	Insecta	Psocodea	Amphipsocidae	Amphipsocinae	Amphipsocus	japonicus	NA				Yoshizawa 2001
16S	Insecta	Psocodea					NA				
16S	Insecta	Psocodea	Mesopsocidae	NA	Mesopsocus	unipunctatus	NA				Yoshizawa 1998
16S	Insecta	Psocodea	Psocidae	Psocinae	Psococerastis		NA			Tsukiji 2020; 52	
16S	Insecta	Psocodea	Psocidae	Psocinae	Psococerastis	nubila	NA				Yoshizawa 2002
16S	Insecta	Psocodea	Stenopsocidae	NA	Stenopsocus	nigricellus	NA			Tsukiji 2020; 53	Yoshizawa 2002
16S	Insecta	Psocodea	Psocidae	Psocinae	Trichadenotecnum		NA			Yoshizawa 2004	
16S	Insecta	Psocodea	Psocidae	Psocinae	Trichadenotecnum	incognitum	NA			Yoshizawa 2004	Yoshizawa 2004
16S	Insecta	Psocodea	Psocidae	Psocinae	Trichadenotecnum		NA			Yoshizawa 2004	
16S	Insecta	Thysanoptera	Thripidae	Thripinae	Thrips		NA			Iwasaki et al. 2005	

Homepage links

	Accessed
1 http://cockroach.speciesfile.org/Common/basic/Taxa.aspx?TaxonNameID=1175933	23-06-20
2 http://www.catalogueoflife.org/col/details/species/id/4fa0e6dd77a4885e51e61d52aeecedac	
3 http://www.jpmoth.org/Coleophoridae/Coleophora_albicans.html	27-04-20
4 http://www.jpmoth.org/Crambidae/Scopariinae/Eudonia_persimilis.html	27-04-20
5 http://www.jpmoth.org/Crambidae/Pyraustinae/Pleuroptya_expictalis.html	27-04-20
6 http://www.jpmoth.org/Elachistidae/Perittia_andoi.html	27-04-20
7 http://www.jpmoth.org/Lasiocampidae/Poecilocampinae/Poecilocampa_tamanukii.html	27-04-20
8 http://www.jpmoth.org/Stathmopodidae/Stathmopoda_pedella.html	27-04-20
9 http://www.jpmoth.org/Blastobasidae/Hyatopota_montivaga.html	27-04-20
10 http://www.jpmoth.org/Coleophoridae/Coleophora_albicans.html	27-04-20
11 http://www.jpmoth.org/Crambidae/Pyraustinae/Pyrausta_aurata.html	27-04-20
12 http://www.jpmoth.org/Crambidae/Pyraustinae/Pleuroptya_ruralis.html	27-04-20
13 http://www.jpmoth.org/Noctuidae/Catocalinae/Ercheia_umbrosa.html	27-04-20
14 & 15 http://www.jpmoth.org/Hepialidae/index.html	27-04-20
16 & 17 https://mushinavi.com/	12-05-20
18 Euthrix potatoria bergmanihttp://www.jpmoth.org/Lasiocampidae/Lasiocampinae/Euthrix.html	27-04-20
19 http://www.jpmoth.org/Lecithoceridae/Oditinae/Scythropiodes_issikii.html	27-04-20
20 http://www.jpmoth.org/Limacodidae/Limacodinae/Phrixolepia_sericea.html	27-04-20
21 http://www.jpmoth.org/Noctuidae/Noctuinae/Diarsia_canescens.html	27-04-20
22 https://mushinavi.com/	15-05-20
23 http://www.jpmoth.org/Pyralidae/Pyralinae/Endotricha_olivacealis.html	27-04-20
24 http://www.jpmoth.org/Sphingidae/Macroglossinae/Hemaris_affinis.html	27-04-20
25 Sphinx morio inoueihttp://www.jpmoth.org/Sphingidae/Sphinginae/Sphinx_morio_inouei.html	27-04-20
26 http://www.jpmoth.org/Stathmopodidae/Stathmopoda_pedella.html	27-04-20
27 http://www.jpmoth.org/Tortricidae/Tortricinae/Eana_incana.html	27-04-20
28 http://www.jpmoth.org/Tortricidae/Olethreutinae/Olethreutes_bipunctanus_yama.html	15-05-20

Homepage links

		Accessed
29	https://mushinavi.com/	12-05-20
30	http://www.jpmoth.org/Tortricidae/Olethreutinae/Bactra_furfurana.html	27-04-20
31 & 32	https://mushinavi.com/	08-05-20
33	http://plecoptera.speciesfile.org	08-05-20
34	https://mushinavi.com/	08-05-20
35-37	https://mushinavi.com/	07-05-20
38	http://www.jpmoth.org/Geometridae/Ennominae/Myrioblephara_cilicornaria.html	27-04-20
39	http://www.jpmoth.org/Thyrididae/Siculodinae/Pyrinioides_aurea.html	27-04-20
40-49	https://mushinavi.com/	08-05-20
50	ShowDistribution.aspx?TaxonNameID=1157210">http://plecoptera.speciesfile.org/Common/editTaxon/Distribution>ShowDistribution.aspx?TaxonNameID=1157210	08-05-20
51	http://plecoptera.speciesfile.org	08-05-20
52 & 53	https://mushinavi.com/ https://www.boldsystems.org/ (cited above as Ratnasingham & Hebert 2007)	08-05-20 27-04-20 - 07-05-2020