

#	Order	Family	Genus	Species	Size (mm)	Specimens	Voltinism	Reference size	Reference voltinism	Increase of voltinism with latitude	Intraspecific variability size (%)
1	Lepidoptera	Geometridae	<i>Acasis</i>	<i>virolella</i>	15.8	8	4	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.24
2	Lepidoptera	Geometridae	<i>Almeria</i>	<i>kalischata</i>	17.5	1	1.5	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.22
3	Lepidoptera	Geometridae	<i>Amygdaloptera</i>	<i>testaria</i>	27.2	2	2	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.21
4	Lepidoptera	Geometridae	<i>Anthometa</i>	<i>plumularia</i>	7.1	3	1	Hausmann (2004)	Hausmann (2004)	no	0.38
5	Lepidoptera	Geometridae	<i>Anticla</i>	<i>derivata</i>	20.9	2	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.21
6	Lepidoptera	Geometridae	<i>Anticla</i>	<i>antipodaria</i>	15.4	2	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.19
7	Lepidoptera	Geometridae	<i>Antilurga</i>	<i>alhambrata</i>	14.3	4	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.18
8	Lepidoptera	Geometridae	<i>Aplata</i>	<i>ononaria</i>	20.7	10	1.5	Hausmann (2001)	Hausmann (2001)	no	0.37
9	Lepidoptera	Geometridae	<i>Aplata</i>	<i>annexata</i>	66.4	2	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.16
10	Lepidoptera	Geometridae	<i>Aplata</i>	<i>bohatchi</i>	24.1	4	2	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.24
11	Lepidoptera	Geometridae	<i>Aplata</i>	<i>columbata</i>	45.4	2	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.12
12	Lepidoptera	Geometridae	<i>Aplata</i>	<i>efformata</i>	34	3	2	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.21
13	Lepidoptera	Geometridae	<i>Aplata</i>	<i>plagiata</i>	66.2	3	2	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.24
14	Lepidoptera	Geometridae	<i>Archiearis</i>	<i>notha</i>	44.1	3	1	Hausmann (2001)	Hausmann (2001)	no	0.23
15	Lepidoptera	Geometridae	<i>Archiearis</i>	<i>parthenias</i>	95.2	4	1	Hausmann (2001)	Hausmann (2001)	no	0.2
16	Lepidoptera	Geometridae	<i>Archiearis</i>	<i>puebla</i>	63.6	2	1	Hausmann (2001)	Hausmann (2001)	no	0.23
17	Lepidoptera	Geometridae	<i>Asthena</i>	<i>albula</i>	5.8	3	1.5	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.24
18	Lepidoptera	Geometridae	<i>Asthena</i>	<i>alerania</i>	6	2	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.22
19	Lepidoptera	Geometridae	<i>Brachygllossina</i>	<i>hissanaria</i>	14.2	3	1	Hausmann (2004)	Hausmann (2004)	no	0.3
20	Lepidoptera	Geometridae	<i>Camptogramma</i>	<i>bilineata</i>	29.6	3	2	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.2
21	Lepidoptera	Geometridae	<i>Camptogramma</i>	<i>griseocens</i>	40.2	3	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.24
22	Lepidoptera	Geometridae	<i>Camptogramma</i>	<i>scripturata</i>	22.4	2	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.2
23	Lepidoptera	Geometridae	<i>Carsia</i>	<i>lythoxyla</i>	16.3	2	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.13
24	Lepidoptera	Geometridae	<i>Carsia</i>	<i>sororia</i>	14.4	2	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.27
25	Lepidoptera	Geometridae	<i>Cassida</i>	<i>hissanaria</i>	19.3	1	2.5	Hausmann (2004)	Hausmann (2004)	no	0.24
26	Lepidoptera	Geometridae	<i>Cassida</i>	<i>consecraria</i>	11.2	2	2.5	Hausmann (2004)	Hausmann (2004)	no	0.27
27	Lepidoptera	Geometridae	<i>Cataglyphis</i>	<i>rigata</i>	17.2	3	2	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.31
28	Lepidoptera	Geometridae	<i>Cataglyphis</i>	<i>uniformata</i>	21.5	4	2	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.17
29	Lepidoptera	Geometridae	<i>Cataglyphis</i>	<i>cucullata</i>	29.7	3	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.2
30	Lepidoptera	Geometridae	<i>Cataglyphis</i>	<i>permixtaria</i>	16.8	4	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.21
31	Lepidoptera	Geometridae	<i>Cataglyphis</i>	<i>permixtaria</i>	25.7	1	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.2
32	Lepidoptera	Geometridae	<i>Chesias</i>	<i>angeri</i>	21.9	2	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.08
33	Lepidoptera	Geometridae	<i>Chesias</i>	<i>capitata</i>	48.1	1	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.22
34	Lepidoptera	Geometridae	<i>Chesias</i>	<i>isabella</i>	32	2	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.21
35	Lepidoptera	Geometridae	<i>Chesias</i>	<i>legatella</i>	38.5	3	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.22
36	Lepidoptera	Geometridae	<i>Chesias</i>	<i>rufata</i>	33	3	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.18
37	Lepidoptera	Geometridae	<i>Chlorissa</i>	<i>viridula</i>	16.8	4	1	Hausmann (2001)	Hausmann (2001)	no	0.16
38	Lepidoptera	Geometridae	<i>Chlorissa</i>	<i>viridula</i>	19.1	4	1	Hausmann (2001)	Hausmann (2001)	no	0.23
39	Lepidoptera	Geometridae	<i>Chlorocysta</i>	<i>miata</i>	30.3	2	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.19
40	Lepidoptera	Geometridae	<i>Chlorocysta</i>	<i>alterata</i>	31.2	3	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.18
41	Lepidoptera	Geometridae	<i>Chlorocystis</i>	<i>v-ata</i>	17.8	4	1.5	Mironov (2003)	Mironov (2003)	no	0.45
42	Lepidoptera	Geometridae	<i>Cinglis</i>	<i>andalusaria</i>	14.4	2	2	Hausmann (2004)	Hausmann (2004)	no	0.16
43	Lepidoptera	Geometridae	<i>Clela</i>	<i>fiaceraia</i>	15.9	2	1	Hausmann (2004)	Hausmann (2004)	no	0.27
44	Lepidoptera	Geometridae	<i>Clela</i>	<i>perussillaria</i>	1.4	1	1.5	Hausmann (2004)	Hausmann (2004)	no	0.2
45	Lepidoptera	Geometridae	<i>Clela</i>	<i>ramosaria</i>	5.8	3	1	Hausmann (2004)	Hausmann (2004)	no	0.33
46	Lepidoptera	Geometridae	<i>Coenocalpe</i>	<i>lapidata</i>	18.4	2	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.17
47	Lepidoptera	Geometridae	<i>Coenocalpe</i>	<i>millierata</i>	30.3	2	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.16
48	Lepidoptera	Geometridae	<i>Coenotelephria</i>	<i>salicata</i>	16.1	1	2	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.17
49	Lepidoptera	Geometridae	<i>Coenotelephria</i>	<i>tophaceata</i>	22.6	2	1.5	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.29
50	Lepidoptera	Geometridae	<i>Colostygia</i>	<i>aquata</i>	13.3	3	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.13
51	Lepidoptera	Geometridae	<i>Colostygia</i>	<i>aquata</i>	18.5	2	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.32
52	Lepidoptera	Geometridae	<i>Colostygia</i>	<i>austriacaria</i>	27	1	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.18
53	Lepidoptera	Geometridae	<i>Colostygia</i>	<i>fitzi</i>	21.1	1	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.2
54	Lepidoptera	Geometridae	<i>Colostygia</i>	<i>kollaria</i>	24.1	2	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.16
55	Lepidoptera	Geometridae	<i>Colostygia</i>	<i>laetaria</i>	27.8	2	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.21
56	Lepidoptera	Geometridae	<i>Colostygia</i>	<i>laetaria</i>	22.6	3	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.12
57	Lepidoptera	Geometridae	<i>Colostygia</i>	<i>peclinitaria</i>	20.3	4	1.5	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.2
58	Lepidoptera	Geometridae	<i>Colostygia</i>	<i>puengelieri</i>	23.9	1	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.13
59	Lepidoptera	Geometridae	<i>Colostygia</i>	<i>sericeata</i>	20.4	1	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.26
60	Lepidoptera	Geometridae	<i>Colostygia</i>	<i>tempestaria</i>	43.2	2	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.2
61	Lepidoptera	Geometridae	<i>Colostygia</i>	<i>turbata</i>	23.3	3	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.14
62	Lepidoptera	Geometridae	<i>Colostygia</i>	<i>usculi</i>	23	3	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.17
63	Lepidoptera	Geometridae	<i>Combena</i>	<i>bajularia</i>	22.2	5	1	Hausmann (2001)	Hausmann (2001)	no	0.37
64	Lepidoptera	Geometridae	<i>Combena</i>	<i>pseudonaria</i>	22.4	2	1	Hausmann (2001)	Hausmann (2001)	no	0.23
65	Lepidoptera	Geometridae	<i>Cosmorhoe</i>	<i>ocellata</i>	14.1	1	2	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.3
66	Lepidoptera	Geometridae	<i>Costaconvexa</i>	<i>polygrammata</i>	24.4	1	2.5	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.19
67	Lepidoptera	Geometridae	<i>Cyclophora</i>	<i>albocellaria</i>	15.4	2	2	Hausmann (2004)	Hausmann (2004)	no	0.22
68	Lepidoptera	Geometridae	<i>Cyclophora</i>	<i>albipunctata</i>	20.5	5	2	Hausmann (2004)	Hausmann (2004)	no	0.26
69	Lepidoptera	Geometridae	<i>Cyclophora</i>	<i>annularia</i>	14.6	1	2	Hausmann (2004)	Hausmann (2004)	no	0.21
70	Lepidoptera	Geometridae	<i>Cyclophora</i>	<i>hypoclea</i>	18.8	2	2.5	Hausmann (2004)	Hausmann (2004)	no	0.22
71	Lepidoptera	Geometridae	<i>Cyclophora</i>	<i>lennigaria</i>	19.2	2	2	Hausmann (2004)	Hausmann (2004)	no	0.12
72	Lepidoptera	Geometridae	<i>Cyclophora</i>	<i>linearia</i>	27.4	8	2	Hausmann (2004)	Hausmann (2004)	no	0.21
73	Lepidoptera	Geometridae	<i>Cyclophora</i>	<i>pendularia</i>	23.4	3	2	Hausmann (2004)	Hausmann (2004)	no	0.26
74	Lepidoptera	Geometridae	<i>Cyclophora</i>	<i>porata</i>	21.7	7	2.5	Hausmann (2004)	Hausmann (2004)	no	0.17
75	Lepidoptera	Geometridae	<i>Cyclophora</i>	<i>porata</i>	27.4	7	1.5	Hausmann (2004)	Hausmann (2004)	no	0.15
76	Lepidoptera	Geometridae	<i>Cyclophora</i>	<i>pupillaria</i>	24	7	3	Hausmann (2004)	Hausmann (2004)	no	0.2
77	Lepidoptera	Geometridae	<i>Cyclophora</i>	<i>quercimontaria</i>	19.5	6	2	Hausmann (2004)	Hausmann (2004)	no	0.17
78	Lepidoptera	Geometridae	<i>Cyclophora</i>	<i>rufulicollaria</i>	30	6	2	Hausmann (2004)	Hausmann (2004)	no	0.18
79	Lepidoptera	Geometridae	<i>Cyclophora</i>	<i>serveti</i>	9.1	2	2	Hausmann (2004)	Hausmann (2004)	no	0.21
80	Lepidoptera	Geometridae	<i>Cyclophora</i>	<i>sappunctaria</i>	28.4	7	3	Hausmann (2004)	Hausmann (2004)	no	0.2
81	Lepidoptera	Geometridae	<i>Cyclophora</i>	<i>cloraria</i>	37.7	2	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.22
82	Lepidoptera	Geometridae	<i>Dysstroma</i>	<i>citrata</i>	25.4	6	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.17
83	Lepidoptera	Geometridae	<i>Dysstroma</i>	<i>infusata</i>	39.3	2	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.33
84	Lepidoptera	Geometridae	<i>Dysstroma</i>	<i>latefasciata</i>	32.4	2	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.3
85	Lepidoptera	Geometridae	<i>Dysstroma</i>	<i>truncata</i>	26.4	3	2	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.25
86	Lepidoptera	Geometridae	<i>Eacrophia</i>	<i>badia</i>	25.4	2	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.24
87	Lepidoptera	Geometridae	<i>Ecliptophora</i>	<i>capitata</i>	13.1	1	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.12
88	Lepidoptera	Geometridae	<i>Ecliptophora</i>	<i>silicata</i>	26.6	2	2	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.15
89	Lepidoptera	Geometridae	<i>Electrophaes</i>	<i>coryata</i>	31.2	4	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.2
90	Lepidoptera	Geometridae	<i>Emmiltis</i>	<i>pygmaearia</i>	5.9	2	2	Hausmann (2004)	Hausmann (2004)	no	0.36
91	Lepidoptera	Geometridae	<i>Entephria</i>	<i>caesiata</i>	29.2	4	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.27
92	Lepidoptera	Geometridae	<i>Entephria</i>	<i>confestata</i>	38.2	2	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.13
93	Lepidoptera	Geometridae	<i>Entephria</i>	<i>cyrenata</i>	36.4	2	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.25
94	Lepidoptera	Geometridae	<i>Entephria</i>	<i>flavaria</i>	27.8	2	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.19
95	Lepidoptera	Geometridae	<i>Entephria</i>	<i>flavicinctata</i>	23.9	4	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.21
96	Lepidoptera	Geometridae	<i>Entephria</i>	<i>infidaria</i>	30.3	3	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.24
97	Lepidoptera	Geometridae	<i>Entephria</i>	<i>polata</i>	22	3	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.24
98	Lepidoptera	Geometridae	<i>Entephria</i>	<i>punctipes</i>	23.6	2	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.15
99	Lepidoptera	Geometridae	<i>Epiobliophora</i>	<i>sabnata</i>	40.7	1	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.17
100	Lepidoptera	Geometridae	<i>Epirrhoe</i>	<i>diversata</i>	48.4	2	1	Hausmann (20			

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#	Order	Family	Genus	Species	Size (mm²)	Specimens	Voltinism	Reference size	Reference voltinism	Increase of voltinism with latitude	Intraspecific variability size (%)
138	Lepidoptera	Geometridae	Eupithecia	centaureata	25.4	2	2.5	Mironov (2003)	Mironov (2003)	no	0.46
139	Lepidoptera	Geometridae	Eupithecia	cerussaria	16.4	4	1	Mironov (2003)	Mironov (2003)	no	0.24
140	Lepidoptera	Geometridae	Eupithecia	chalkophila	17.9	3	1	Mironov (2003)	Mironov (2003)	no	0.36
141	Lepidoptera	Geometridae	Eupithecia	cocciferata	19.8	3	1	Mironov (2003)	Mironov (2003)	no	0.32
142	Lepidoptera	Geometridae	Eupithecia	conterminata	9.1	2	1	Mironov (2003)	Mironov (2003)	no	0.25
143	Lepidoptera	Geometridae	Eupithecia	cooptata	25.7	4	1	Mironov (2003)	Mironov (2003)	no	0.32
144	Lepidoptera	Geometridae	Eupithecia	cucullaria	13	4	1	Mironov (2003)	Mironov (2003)	no	0.3
145	Lepidoptera	Geometridae	Eupithecia	denotata	23.3	2	1.5	Mironov (2003)	Mironov (2003)	no	0.53
146	Lepidoptera	Geometridae	Eupithecia	denticulata	24.5	2	1	Mironov (2003)	Mironov (2003)	no	0.19
147	Lepidoptera	Geometridae	Eupithecia	dissertata	25.8	4	1	Mironov (2003)	Mironov (2003)	no	0.29
148	Lepidoptera	Geometridae	Eupithecia	distinctaria	13.2	3	1.5	Mironov (2003)	Mironov (2003)	no	0.4
149	Lepidoptera	Geometridae	Eupithecia	dodonata	13.3	5	1	Mironov (2003)	Mironov (2003)	no	0.33
150	Lepidoptera	Geometridae	Eupithecia	druentata	26.1	1	1	Mironov (2003)	Mironov (2003)	no	0.29
151	Lepidoptera	Geometridae	Eupithecia	egenaria	24.9	3	1	Mironov (2003)	Mironov (2003)	no	0.29
152	Lepidoptera	Geometridae	Eupithecia	ericata	11.3	3	1	Mironov (2003)	Mironov (2003)	no	0.44
153	Lepidoptera	Geometridae	Eupithecia	exiguata	23.5	1	1	Mironov (2003)	Mironov (2003)	no	0.34
154	Lepidoptera	Geometridae	Eupithecia	expallidata	32.2	3	1	Mironov (2003)	Mironov (2003)	no	0.33
155	Lepidoptera	Geometridae	Eupithecia	extensaria	43.1	1	1	Mironov (2003)	Mironov (2003)	no	0.17
156	Lepidoptera	Geometridae	Eupithecia	extraversaria	16.3	5	1.5	Mironov (2003)	Mironov (2003)	no	0.22
157	Lepidoptera	Geometridae	Eupithecia	extremata	14.6	2	1	Mironov (2003)	Mironov (2003)	no	0.12
158	Lepidoptera	Geometridae	Eupithecia	fennoscandica	7.4	1	1	Mironov (2003)	Mironov (2003)	no	0.25
159	Lepidoptera	Geometridae	Eupithecia	fuscostata	14	6	1	Mironov (2003)	Mironov (2003)	no	0.3
160	Lepidoptera	Geometridae	Eupithecia	gemellata	18.2	3	2	Mironov (2003)	Mironov (2003)	no	0.35
161	Lepidoptera	Geometridae	Eupithecia	graphata	15.8	2	2	Mironov (2003)	Mironov (2003)	no	0.33
162	Lepidoptera	Geometridae	Eupithecia	gratiosata	53.4	3	1	Mironov (2003)	Mironov (2003)	no	0.35
163	Lepidoptera	Geometridae	Eupithecia	groenblomi	19.1	1	1	Mironov (2003)	Mironov (2003)	no	0.49
164	Lepidoptera	Geometridae	Eupithecia	gueneata	28.4	4	1	Mironov (2003)	Mironov (2003)	no	0.29
165	Lepidoptera	Geometridae	Eupithecia	haworthiata	8.7	2	1	Mironov (2003)	Mironov (2003)	no	0.4
166	Lepidoptera	Geometridae	Eupithecia	immundata	18.2	4	1	Mironov (2003)	Mironov (2003)	no	0.21
167	Lepidoptera	Geometridae	Eupithecia	impurata	26.5	2	2	Mironov (2003)	Mironov (2003)	no	0.23
168	Lepidoptera	Geometridae	Eupithecia	indigata	13	5	1	Mironov (2003)	Mironov (2003)	no	0.33
169	Lepidoptera	Geometridae	Eupithecia	innocata	19.2	1	2	Mironov (2003)	Mironov (2003)	no	0.33
170	Lepidoptera	Geometridae	Eupithecia	insignata	20.5	3	1	Mironov (2003)	Mironov (2003)	no	0.29
171	Lepidoptera	Geometridae	Eupithecia	inturbata	13.2	4	1	Mironov (2003)	Mironov (2003)	no	0.32
172	Lepidoptera	Geometridae	Eupithecia	irriguata	12	2	1	Mironov (2003)	Mironov (2003)	no	0.17
173	Lepidoptera	Geometridae	Eupithecia	lanceata	12.4	2	1	Mironov (2003)	Mironov (2003)	no	0.32
174	Lepidoptera	Geometridae	Eupithecia	laquearia	14	4	1.5	Mironov (2003)	Mironov (2003)	no	0.11
175	Lepidoptera	Geometridae	Eupithecia	lariciata	19.1	2	1	Mironov (2003)	Mironov (2003)	no	0.44
176	Lepidoptera	Geometridae	Eupithecia	ligurata	11.2	4	1	Mironov (2003)	Mironov (2003)	no	0.18
177	Lepidoptera	Geometridae	Eupithecia	limbata	12.4	2	2.5	Mironov (2003)	Mironov (2003)	no	0.32
178	Lepidoptera	Geometridae	Eupithecia	linariata	18.9	4	1.5	Mironov (2003)	Mironov (2003)	no	0.49
179	Lepidoptera	Geometridae	Eupithecia	massiliata	13.5	4	1	Mironov (2003)	Mironov (2003)	no	0.19
180	Lepidoptera	Geometridae	Eupithecia	millifoliata	32	3	1	Mironov (2003)	Mironov (2003)	no	0.31
181	Lepidoptera	Geometridae	Eupithecia	minusculata	10.6	3	2	Mironov (2003)	Mironov (2003)	no	0.22
182	Lepidoptera	Geometridae	Eupithecia	mystica	21.8	4	1	Mironov (2003)	Mironov (2003)	no	0.26
183	Lepidoptera	Geometridae	Eupithecia	nanata	15.8	3	1.5	Mironov (2003)	Mironov (2003)	no	0.42
184	Lepidoptera	Geometridae	Eupithecia	ochridata	31.2	2	2	Mironov (2003)	Mironov (2003)	no	0.17
185	Lepidoptera	Geometridae	Eupithecia	orana	13.6	4	2.5	Mironov (2003)	Mironov (2003)	no	0.27
186	Lepidoptera	Geometridae	Eupithecia	orphnata	18.9	5	1	Mironov (2003)	Mironov (2003)	no	0.27
187	Lepidoptera	Geometridae	Eupithecia	oxycedrata	13.3	3	2	Mironov (2003)	Mironov (2003)	no	0.35
188	Lepidoptera	Geometridae	Eupithecia	pauillaria	18.9	4	1	Mironov (2003)	Mironov (2003)	no	0.3
189	Lepidoptera	Geometridae	Eupithecia	pernotata	25.6	2	1	Mironov (2003)	Mironov (2003)	no	0.14
190	Lepidoptera	Geometridae	Eupithecia	phoeniceata	20.5	4	1	Mironov (2003)	Mironov (2003)	no	0.29
191	Lepidoptera	Geometridae	Eupithecia	pimpinellata	24.1	3	1.5	Mironov (2003)	Mironov (2003)	no	0.38
192	Lepidoptera	Geometridae	Eupithecia	plumbeolata	12.4	2	1	Mironov (2003)	Mironov (2003)	no	0.5
193	Lepidoptera	Geometridae	Eupithecia	praesata	18	1	1	Mironov (2003)	Mironov (2003)	no	0.12
194	Lepidoptera	Geometridae	Eupithecia	pulchellata	28	1	1	Mironov (2003)	Mironov (2003)	no	0.29
195	Lepidoptera	Geometridae	Eupithecia	pustillata	17.8	5	1.5	Mironov (2003)	Mironov (2003)	no	0.32
196	Lepidoptera	Geometridae	Eupithecia	pygmaeata	11.5	3	1.5	Mironov (2003)	Mironov (2003)	no	0.4
197	Lepidoptera	Geometridae	Eupithecia	pyreneata	16.7	3	1.5	Mironov (2003)	Mironov (2003)	no	0.24
198	Lepidoptera	Geometridae	Eupithecia	quercetica	18.9	3	1	Mironov (2003)	Mironov (2003)	no	0.19
199	Lepidoptera	Geometridae	Eupithecia	reisserata	11.3	5	1	Mironov (2003)	Mironov (2003)	no	0.25
200	Lepidoptera	Geometridae	Eupithecia	riparia	14.8	3	2	Mironov (2003)	Mironov (2003)	no	0.4
201	Lepidoptera	Geometridae	Eupithecia	rosmarinata	14.9	1	1	Mironov (2003)	Mironov (2003)	no	0.15
202	Lepidoptera	Geometridae	Eupithecia	santolinata	29.3	3	1	Mironov (2003)	Mironov (2003)	no	0.23
203	Lepidoptera	Geometridae	Eupithecia	satyrata	24.9	4	1	Mironov (2003)	Mironov (2003)	no	0.5
204	Lepidoptera	Geometridae	Eupithecia	scalptata	18.5	3	1	Mironov (2003)	Mironov (2003)	no	0.32
205	Lepidoptera	Geometridae	Eupithecia	schiefereri	32.2	2	1	Mironov (2003)	Mironov (2003)	no	0.24
206	Lepidoptera	Geometridae	Eupithecia	scopariata	14.3	3	2.5	Mironov (2003)	Mironov (2003)	no	0.42
207	Lepidoptera	Geometridae	Eupithecia	selinata	18.1	4	2	Mironov (2003)	Mironov (2003)	no	0.15
208	Lepidoptera	Geometridae	Eupithecia	semigraphata	22.8	2	1.5	Mironov (2003)	Mironov (2003)	no	0.05
209	Lepidoptera	Geometridae	Eupithecia	senorita	11.6	4	2	Mironov (2003)	Mironov (2003)	no	0.3
210	Lepidoptera	Geometridae	Eupithecia	silenata	13.7	2	1	Mironov (2003)	Mironov (2003)	no	0.21
211	Lepidoptera	Geometridae	Eupithecia	silenicolata	25.5	2	2	Mironov (2003)	Mironov (2003)	no	0.26
212	Lepidoptera	Geometridae	Eupithecia	simplicata	36.8	4	1	Mironov (2003)	Mironov (2003)	no	0.38
213	Lepidoptera	Geometridae	Eupithecia	sinuosaria	25.5	3	1	Mironov (2003)	Mironov (2003)	no	0.36
214	Lepidoptera	Geometridae	Eupithecia	spadicata	19.1	5	1	Mironov (2003)	Mironov (2003)	no	0.18
215	Lepidoptera	Geometridae	Eupithecia	spissilineata	18	5	1	Mironov (2003)	Mironov (2003)	no	0.33
216	Lepidoptera	Geometridae	Eupithecia	subfuscata	23.1	4	1	Mironov (2003)	Mironov (2003)	no	0.4
217	Lepidoptera	Geometridae	Eupithecia	subumbata	16.7	5	1	Mironov (2003)	Mironov (2003)	no	0.42
218	Lepidoptera	Geometridae	Eupithecia	succenturiata	40.1	4	1	Mironov (2003)	Mironov (2003)	no	0.3
219	Lepidoptera	Geometridae	Eupithecia	sutilata	11.2	5	2.5	Mironov (2003)	Mironov (2003)	no	0.38
220	Lepidoptera	Geometridae	Eupithecia	tantillaria	16.8	3	1.5	Mironov (2003)	Mironov (2003)	no	0.44
221	Lepidoptera	Geometridae	Eupithecia	tenuiata	10.6	2	1	Mironov (2003)	Mironov (2003)	no	0.3
222	Lepidoptera	Geometridae	Eupithecia	tholozani	12.2	3	1	Mironov (2003)	Mironov (2003)	no	0.22
223	Lepidoptera	Geometridae	Eupithecia	thumerata	11.2	4	1	Mironov (2003)	Mironov (2003)	no	0.29
224	Lepidoptera	Geometridae	Eupithecia	tripunctaria	18.9	4	1.5	Mironov (2003)	Mironov (2003)	no	0.36
225	Lepidoptera	Geometridae	Eupithecia	trisignaria	20.1	3	1.5	Mironov (2003)	Mironov (2003)	no	0.5
226	Lepidoptera	Geometridae	Eupithecia	ultimaria	12.5	5	2	Mironov (2003)	Mironov (2003)	no	0.3
227	Lepidoptera	Geometridae	Eupithecia	undata	10.2	2	1	Mironov (2003)			

#	Order	Family	Genus	Species	Size (mm)	Specimens	Voltinism	Reference size	Reference voltinism	Increase of voltinism with latitude	Intraspecific variability size (%)
275	Lepidoptera	Geometridae	<i>Ideia</i>	<i>bisulata</i>	14.4	2	3	Hausmann (2004)	Hausmann (2004)	no	0.24
276	Lepidoptera	Geometridae	<i>Ideia</i>	<i>bisulata</i>	14.4	4	1	Hausmann (2004)	Hausmann (2004)	no	0.27
277	Lepidoptera	Geometridae	<i>Ideia</i>	<i>laesii</i>	6.5	2	2	Hausmann (2004)	Hausmann (2004)	no	0.32
278	Lepidoptera	Geometridae	<i>Ideia</i>	<i>calnetaria</i>	21.7	2	2.5	Hausmann (2004)	Hausmann (2004)	no	0.3
279	Lepidoptera	Geometridae	<i>Ideia</i>	<i>camparia</i>	18.3	3	2.5	Hausmann (2004)	Hausmann (2004)	no	0.4
280	Lepidoptera	Geometridae	<i>Ideia</i>	<i>carvalhoi</i>	10.7	1	1	Hausmann (2004)	Hausmann (2004)	no	0.19
281	Lepidoptera	Geometridae	<i>Ideia</i>	<i>confusaria</i>	22	3	3	Hausmann (2004)	Hausmann (2004)	no	0.24
282	Lepidoptera	Geometridae	<i>Ideia</i>	<i>circutaria</i>	5.4	1	1	Hausmann (2004)	Hausmann (2004)	no	0.38
283	Lepidoptera	Geometridae	<i>Ideia</i>	<i>completa</i>	7.2	2	2.5	Hausmann (2004)	Hausmann (2004)	no	0.46
284	Lepidoptera	Geometridae	<i>Ideia</i>	<i>consanguiberica</i>	9.9	2	1	Hausmann (2004)	Hausmann (2004)	no	0.21
285	Lepidoptera	Geometridae	<i>Ideia</i>	<i>consanguinaria</i>	16.3	6	1	Hausmann (2004)	Hausmann (2004)	no	0.27
286	Lepidoptera	Geometridae	<i>Ideia</i>	<i>consolidata</i>	22.6	3	2	Hausmann (2004)	Hausmann (2004)	no	0.15
287	Lepidoptera	Geometridae	<i>Ideia</i>	<i>confusaria</i>	19.8	4	1	Hausmann (2004)	Hausmann (2004)	no	0.27
288	Lepidoptera	Geometridae	<i>Ideia</i>	<i>degeneraria</i>	20	8	2.5	Hausmann (2004)	Hausmann (2004)	no	0.21
289	Lepidoptera	Geometridae	<i>Ideia</i>	<i>defanaria</i>	3.9	3	2	Hausmann (2004)	Hausmann (2004)	no	0.29
290	Lepidoptera	Geometridae	<i>Ideia</i>	<i>determinata</i>	25.2	3	1	Hausmann (2004)	Hausmann (2004)	no	0.14
291	Lepidoptera	Geometridae	<i>Ideia</i>	<i>deversaria</i>	21.2	3	1	Hausmann (2004)	Hausmann (2004)	no	0.24
292	Lepidoptera	Geometridae	<i>Ideia</i>	<i>dilutaria</i>	11.7	6	1	Hausmann (2004)	Hausmann (2004)	no	0.25
293	Lepidoptera	Geometridae	<i>Ideia</i>	<i>dimidiata</i>	10.1	3	2	Hausmann (2004)	Hausmann (2004)	no	0.29
294	Lepidoptera	Geometridae	<i>Ideia</i>	<i>distinctaria</i>	11.7	6	2.5	Hausmann (2004)	Hausmann (2004)	no	0.32
295	Lepidoptera	Geometridae	<i>Ideia</i>	<i>efflorata</i>	8	2	1.5	Hausmann (2004)	Hausmann (2004)	no	0.12
296	Lepidoptera	Geometridae	<i>Ideia</i>	<i>elongaria</i>	12.5	4	2	Hausmann (2004)	Hausmann (2004)	no	0.34
297	Lepidoptera	Geometridae	<i>Ideia</i>	<i>emarginata</i>	18.3	4	1	Hausmann (2004)	Hausmann (2004)	no	0.19
298	Lepidoptera	Geometridae	<i>Ideia</i>	<i>eugenata</i>	15.9	2	2.5	Hausmann (2004)	Hausmann (2004)	no	0.22
299	Lepidoptera	Geometridae	<i>Ideia</i>	<i>exiliaria</i>	14.5	2	2	Hausmann (2004)	Hausmann (2004)	no	0.42
300	Lepidoptera	Geometridae	<i>Ideia</i>	<i>exiliaria</i>	15.1	6	2.5	Hausmann (2004)	Hausmann (2004)	no	0.55
301	Lepidoptera	Geometridae	<i>Ideia</i>	<i>flavoclearia</i>	10.9	2	1	Hausmann (2004)	Hausmann (2004)	no	0.4
302	Lepidoptera	Geometridae	<i>Ideia</i>	<i>fractilineata</i>	9.5	1	1	Hausmann (2004)	Hausmann (2004)	no	0.25
303	Lepidoptera	Geometridae	<i>Ideia</i>	<i>fusconevosa</i>	7.9	1	1	Hausmann (2004)	Hausmann (2004)	no	0.3
304	Lepidoptera	Geometridae	<i>Ideia</i>	<i>humiliata</i>	11.6	2	1	Hausmann (2004)	Hausmann (2004)	no	0.3
305	Lepidoptera	Geometridae	<i>Ideia</i>	<i>incalcarata</i>	8.6	4	2.5	Hausmann (2004)	Hausmann (2004)	no	0.18
306	Lepidoptera	Geometridae	<i>Ideia</i>	<i>inciparia</i>	6.5	1	1	Hausmann (2004)	Hausmann (2004)	no	0.21
307	Lepidoptera	Geometridae	<i>Ideia</i>	<i>infimaria</i>	10	5	1	Hausmann (2004)	Hausmann (2004)	no	0.32
308	Lepidoptera	Geometridae	<i>Ideia</i>	<i>inquinata</i>	10.6	3	2	Hausmann (2004)	Hausmann (2004)	no	0.25
309	Lepidoptera	Geometridae	<i>Ideia</i>	<i>intermedia</i>	8.3	2	3	Hausmann (2004)	Hausmann (2004)	no	0.43
310	Lepidoptera	Geometridae	<i>Ideia</i>	<i>korbi</i>	11.8	4	1	Hausmann (2004)	Hausmann (2004)	no	0.15
311	Lepidoptera	Geometridae	<i>Ideia</i>	<i>laevigata</i>	16.8	4	2	Hausmann (2004)	Hausmann (2004)	no	0.27
312	Lepidoptera	Geometridae	<i>Ideia</i>	<i>leipizica</i>	6.5	1	1	Hausmann (2004)	Hausmann (2004)	no	0.24
313	Lepidoptera	Geometridae	<i>Ideia</i>	<i>lybica</i>	22	3	2.5	Hausmann (2004)	Hausmann (2004)	no	0.15
314	Lepidoptera	Geometridae	<i>Ideia</i>	<i>litigiosa</i>	19.3	3	1	Hausmann (2004)	Hausmann (2004)	no	0.34
315	Lepidoptera	Geometridae	<i>Ideia</i>	<i>longaria</i>	20.1	3	2.5	Hausmann (2004)	Hausmann (2004)	no	0.26
316	Lepidoptera	Geometridae	<i>Ideia</i>	<i>luschspanica</i>	15	4	1	Hausmann (2004)	Hausmann (2004)	no	0.15
317	Lepidoptera	Geometridae	<i>Ideia</i>	<i>luteolaria</i>	11	1	1	Hausmann (2004)	Hausmann (2004)	no	0.33
318	Lepidoptera	Geometridae	<i>Ideia</i>	<i>lutulentaria</i>	9.5	3	1	Hausmann (2004)	Hausmann (2004)	no	0.25
319	Lepidoptera	Geometridae	<i>Ideia</i>	<i>maenclaria</i>	15.7	2	1	Hausmann (2004)	Hausmann (2004)	no	0.27
320	Lepidoptera	Geometridae	<i>Ideia</i>	<i>mancipiata</i>	16.3	1	2	Hausmann (2004)	Hausmann (2004)	no	0.22
321	Lepidoptera	Geometridae	<i>Ideia</i>	<i>manicaria</i>	10.3	4	2.5	Hausmann (2004)	Hausmann (2004)	no	0.23
322	Lepidoptera	Geometridae	<i>Ideia</i>	<i>medialis</i>	10.3	5	1	Hausmann (2004)	Hausmann (2004)	no	0.3
323	Lepidoptera	Geometridae	<i>Ideia</i>	<i>metochiensis</i>	15.1	2	1	Hausmann (2004)	Hausmann (2004)	no	0.33
324	Lepidoptera	Geometridae	<i>Ideia</i>	<i>minuscularia</i>	8.5	1	3	Hausmann (2004)	Hausmann (2004)	no	0.55
325	Lepidoptera	Geometridae	<i>Ideia</i>	<i>mutata</i>	24.2	2	1	Hausmann (2004)	Hausmann (2004)	no	0.22
326	Lepidoptera	Geometridae	<i>Ideia</i>	<i>muricata</i>	21.3	1	1	Hausmann (2004)	Hausmann (2004)	no	0.3
327	Lepidoptera	Geometridae	<i>Ideia</i>	<i>mustelata</i>	7.3	4	1	Hausmann (2004)	Hausmann (2004)	no	0.29
328	Lepidoptera	Geometridae	<i>Ideia</i>	<i>mutata</i>	19.2	1	1	Hausmann (2004)	Hausmann (2004)	no	0.14
329	Lepidoptera	Geometridae	<i>Ideia</i>	<i>nevadata</i>	3.6	1	1	Hausmann (2004)	Hausmann (2004)	no	0.29
330	Lepidoptera	Geometridae	<i>Ideia</i>	<i>nigrolineata</i>	7	2	1	Hausmann (2004)	Hausmann (2004)	no	0.22
331	Lepidoptera	Geometridae	<i>Ideia</i>	<i>obliquaria</i>	22.7	1	1	Hausmann (2004)	Hausmann (2004)	no	0.13
332	Lepidoptera	Geometridae	<i>Ideia</i>	<i>obliquaria</i>	11.8	2	1	Hausmann (2004)	Hausmann (2004)	no	0.18
333	Lepidoptera	Geometridae	<i>Ideia</i>	<i>obsoletaria</i>	17.9	1	1	Hausmann (2004)	Hausmann (2004)	no	0.27
334	Lepidoptera	Geometridae	<i>Ideia</i>	<i>ochrata</i>	16.1	5	1	Hausmann (2004)	Hausmann (2004)	no	0.24
335	Lepidoptera	Geometridae	<i>Ideia</i>	<i>ossiculata</i>	10.6	3	1	Hausmann (2004)	Hausmann (2004)	no	0.42
336	Lepidoptera	Geometridae	<i>Ideia</i>	<i>ostriaria</i>	16	1	1	Hausmann (2004)	Hausmann (2004)	no	0.35
337	Lepidoptera	Geometridae	<i>Ideia</i>	<i>pallidissima</i>	21.8	3	1.5	Hausmann (2004)	Hausmann (2004)	no	0.42
338	Lepidoptera	Geometridae	<i>Ideia</i>	<i>pallidaria</i>	15.8	3	1	Hausmann (2004)	Hausmann (2004)	no	0.51
339	Lepidoptera	Geometridae	<i>Ideia</i>	<i>pollaria</i>	8.5	3	1	Hausmann (2004)	Hausmann (2004)	no	0.25
340	Lepidoptera	Geometridae	<i>Ideia</i>	<i>predatoria</i>	12.3	2	2	Hausmann (2004)	Hausmann (2004)	no	0.17
341	Lepidoptera	Geometridae	<i>Ideia</i>	<i>rainieri</i>	14.3	3	1.5	Hausmann (2004)	Hausmann (2004)	no	0.18
342	Lepidoptera	Geometridae	<i>Ideia</i>	<i>rhodogrammaria</i>	3.7	2	1	Hausmann (2004)	Hausmann (2004)	no	0.29
343	Lepidoptera	Geometridae	<i>Ideia</i>	<i>rubra</i>	25.1	2	1	Hausmann (2004)	Hausmann (2004)	no	0.21
344	Lepidoptera	Geometridae	<i>Ideia</i>	<i>rufaria</i>	30.8	3	1	Hausmann (2004)	Hausmann (2004)	no	0.35
345	Lepidoptera	Geometridae	<i>Ideia</i>	<i>rupicolaria</i>	15.2	3	1	Hausmann (2004)	Hausmann (2004)	no	0.19
346	Lepidoptera	Geometridae	<i>Ideia</i>	<i>rusticata</i>	11.7	3	1	Hausmann (2004)	Hausmann (2004)	no	0.35
347	Lepidoptera	Geometridae	<i>Ideia</i>	<i>saleri</i>	5.2	4	2.5	Hausmann (2004)	Hausmann (2004)	no	0.24
348	Lepidoptera	Geometridae	<i>Ideia</i>	<i>sardonata</i>	12.9	7	1	Hausmann (2004)	Hausmann (2004)	no	0.27
349	Lepidoptera	Geometridae	<i>Ideia</i>	<i>seriata</i>	11.7	1	2	Hausmann (2004)	Hausmann (2004)	no	0.42
350	Lepidoptera	Geometridae	<i>Ideia</i>	<i>sericeata</i>	12.2	3	1	Hausmann (2004)	Hausmann (2004)	no	0.42
351	Lepidoptera	Geometridae	<i>Ideia</i>	<i>serpentata</i>	12.7	2	1	Hausmann (2004)	Hausmann (2004)	no	0.38
352	Lepidoptera	Geometridae	<i>Ideia</i>	<i>simplicior</i>	25.2	1	1	Hausmann (2004)	Hausmann (2004)	no	0.15
353	Lepidoptera	Geometridae	<i>Ideia</i>	<i>spissilimbata</i>	11.5	2	1	Hausmann (2004)	Hausmann (2004)	no	0.18
354	Lepidoptera	Geometridae	<i>Ideia</i>	<i>squidaria</i>	6.5	4	1	Hausmann (2004)	Hausmann (2004)	no	0.38
355	Lepidoptera	Geometridae	<i>Ideia</i>	<i>stramineata</i>	17	7	1.5	Hausmann (2004)	Hausmann (2004)	no	0.09
356	Lepidoptera	Geometridae	<i>Ideia</i>	<i>stramineata</i>	24.4	6	2.5	Hausmann (2004)	Hausmann (2004)	no	0.3
357	Lepidoptera	Geometridae	<i>Ideia</i>	<i>stylaria</i>	20.9	2	1	Hausmann (2004)	Hausmann (2004)	no	0.16
358	Lepidoptera	Geometridae	<i>Ideia</i>	<i>trigeminata</i>	20.2	4	2	Hausmann (2004)	Hausmann (2004)	no	0.32
359	Lepidoptera	Geometridae	<i>Ideia</i>	<i>typica</i>	10.9	1	1.5	Hausmann (2004)	Hausmann (2004)	no	0.32
360	Lepidoptera	Geometridae	<i>Ideia</i>	<i>vesubiata</i>	16.9	2	2	Hausmann (2004)	Hausmann (2004)	no	0.29
361	Lepidoptera	Geometridae	<i>Jodis</i>	<i>lactearia</i>	14.1	3	1.5	Hausmann (2001)	Hausmann (2001)	no	0.24
362	Lepidoptera	Geometridae	<i>Jodis</i>	<i>lactearia</i>	8.9	7	1	Hausmann (2001)	Hausmann (2001)	no	0.24
363	Lepidoptera	Geometridae	<i>Kuchleria</i>	<i>insignata</i>	17.8	3	1	Hausmann (2001)	Hausmann (2001)	no	0.39
364	Lepidoptera	Geometridae	<i>Lampropteryx</i>	<i>oregata</i>	18.6	2	1.5	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.09
365	Lepidoptera	Geometridae	<i>Lampropteryx</i>	<i>suffumata</i>	22.6	3	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.14
366	Lepidoptera	Geometridae	<i>Larentia</i>	<i>clavaria</i>	69.9	1	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.3
367	Lepidoptera	Geometridae	<i>Lithostege</i>	<i>castillaria</i>	8.8	3	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.13
368	Lepidoptera	Geometridae	<i>Lithostege</i>	<i>clavata</i>	32.2	1	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.07
369	Lepidoptera	Geometridae	<i>Lithostege</i>	<i>clavata</i>	17.3	3	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.25
370	Lepidoptera	Geometridae	<i>Lithostege</i>	<i>duponcheli</i>	21.9	3	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.18
371	Lepidoptera	Geometridae	<i>Lithostege</i>	<i>farinata</i>	42	3	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.18
372	Lepidoptera	Geometridae	<i>Lobophora</i>	<i>halterata</i>	19.8	3	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.24
373	Lepidoptera	Geometridae	<i>Lythria</i>	<i>cruentaria</i>	13.7	2	2	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.22
374	Lepidoptera	Geometridae	<i>Lythria</i>	<i>plumularia</i>	13.9	3	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.15
375	Lepidoptera	Geometridae	<i>Lythria</i>	<i>purpuraria</i>	23.7	1	2	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.26
376	Lepidoptera	Geometridae	<i>Lythria</i>	<i>sanguinaria</i>	21	3	1.5	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.26
377	Lepidoptera	Geometridae	<i>Malacodeta</i>	<i>regalaria</i>	10.3	1	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	1.69
378	Lepidoptera	Geometridae	<i>Martania</i>	<i>taeniata</i>	19.3	2	1	Mironov (2003)	Mironov (2003)	no	0.5
379	Lepidoptera	Geometridae	<i>Mattia</i>	<i>callidaria</i>	20.8	2	1	Hausmann & Vidalepp (2012)	Hausmann & Vidalepp (2012)	no	0.21
380	Lepidoptera	Geometridae	<i>Melan</i>								

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	Order	Family	Genus	Species	Size (mm)	Specimens	Voltinism	Reference size	Reference voltinism	Increase of voltinism with latitude	Intraspecific variability size (%)
412	Lepidoptera	Geometridae	<i>Perizoma</i>	<i>incutaria</i>	11.1	6	1	Mironov (2003)	Mironov (2003)	no	0.27
413	Lepidoptera	Geometridae	<i>Perizoma</i>	<i>lugdunaria</i>	15	3	1	Mironov (2003)	Mironov (2003)	no	0.32
414	Lepidoptera	Geometridae	<i>Perizoma</i>	<i>minorata</i>	9.4	1	1	Mironov (2003)	Mironov (2003)	no	0.29
415	Lepidoptera	Geometridae	<i>Perizoma</i>	<i>obsolleta</i>	25.2	3	1	Mironov (2003)	Mironov (2003)	no	0.23
416	Lepidoptera	Geometridae	<i>Phaenogramma</i>	<i>etruscaria</i>	20.4	8	2	Hausmann (2001)	Hausmann (2001)	no	0.33
417	Lepidoptera	Geometridae	<i>Phaenogramma</i>	<i>faustinata</i>	26.1	4	3	Hausmann (2001)	Hausmann (2001)	no	0.14
418	Lepidoptera	Geometridae	<i>Philaeteryx</i>	<i>virgata</i>	12.6	3	2	Hausmann & Viidalepp (2012)	Hausmann & Viidalepp (2012)	no	0.32
419	Lepidoptera	Geometridae	<i>Philereme</i>	<i>transversata</i>	38.6	2	1	Hausmann & Viidalepp (2012)	Hausmann & Viidalepp (2012)	no	0.26
420	Lepidoptera	Geometridae	<i>Philereme</i>	<i>vetulata</i>	25.6	2	1	Hausmann & Viidalepp (2012)	Hausmann & Viidalepp (2012)	no	0.22
421	Lepidoptera	Geometridae	<i>Piemysia</i>	<i>rubiginata</i>	33.4	1	1	Hausmann & Viidalepp (2012)	Hausmann & Viidalepp (2012)	no	0.17
422	Lepidoptera	Geometridae	<i>Philepsia</i>	<i>ochelata</i>	72	2	2	Hausmann (2004)	Hausmann (2004)	no	0.28
423	Lepidoptera	Geometridae	<i>Proteuchloris</i>	<i>neraria</i>	28.9	2	2	Hausmann (2001)	Hausmann (2001)	no	0.31
424	Lepidoptera	Geometridae	<i>Pseudoterpna</i>	<i>coronilaria</i>	54.6	1	2	Hausmann (2001)	Hausmann (2001)	no	0.32
425	Lepidoptera	Geometridae	<i>Pseudoterpna</i>	<i>corsicaria</i>	42.7	3	1	Hausmann (2001)	Hausmann (2001)	no	0.22
426	Lepidoptera	Geometridae	<i>Pseudoterpna</i>	<i>pruinata</i>	65.1	6	1	Hausmann (2001)	Hausmann (2001)	no	0.31
427	Lepidoptera	Geometridae	<i>Pterapherapteryx</i>	<i>sexalata</i>	9.2	2	1	Hausmann & Viidalepp (2012)	Hausmann & Viidalepp (2012)	no	0.3
428	Lepidoptera	Geometridae	<i>Rheumaptera</i>	<i>hastata</i>	30.5	2	1	Hausmann & Viidalepp (2012)	Hausmann & Viidalepp (2012)	no	0.22
429	Lepidoptera	Geometridae	<i>Rhodometra</i>	<i>saccharia</i>	20.6	2	3	Hausmann (2004)	Hausmann (2004)	no	0.29
430	Lepidoptera	Geometridae	<i>Rhodostrophia</i>	<i>badaria</i>	38.8	2	1	Hausmann (2004)	Hausmann (2004)	no	0.28
431	Lepidoptera	Geometridae	<i>Rhodostrophia</i>	<i>calabra</i>	48.5	3	1	Hausmann (2004)	Hausmann (2004)	no	0.22
432	Lepidoptera	Geometridae	<i>Rhodostrophia</i>	<i>pudorata</i>	38.4	1	1	Hausmann (2004)	Hausmann (2004)	no	0.19
433	Lepidoptera	Geometridae	<i>Rhodostrophia</i>	<i>vibicaria</i>	38.2	2	1	Hausmann (2004)	Hausmann (2004)	no	0.2
434	Lepidoptera	Geometridae	<i>Schistostegia</i>	<i>decussata</i>	24.2	2	1	Hausmann & Viidalepp (2012)	Hausmann & Viidalepp (2012)	no	0.32
435	Lepidoptera	Geometridae	<i>Schistostegia</i>	<i>nubilaria</i>	31.9	1	1	Hausmann & Viidalepp (2012)	Hausmann & Viidalepp (2012)	no	0.36
436	Lepidoptera	Geometridae	<i>Scopula</i>	<i>caricaria</i>	9.3	1	1.5	Hausmann (2004)	Hausmann (2004)	no	0.33
437	Lepidoptera	Geometridae	<i>Scopula</i>	<i>concinaria</i>	44.6	1	1	Hausmann (2004)	Hausmann (2004)	no	0.21
438	Lepidoptera	Geometridae	<i>Scopula</i>	<i>convivalaria</i>	21.1	1	1.5	Hausmann (2004)	Hausmann (2004)	no	0.2
439	Lepidoptera	Geometridae	<i>Scopula</i>	<i>decorata</i>	18.1	1	3	Hausmann (2004)	Hausmann (2004)	no	0.1
440	Lepidoptera	Geometridae	<i>Scopula</i>	<i>decorata</i>	18.6	7	2	Hausmann (2004)	Hausmann (2004)	no	0.12
441	Lepidoptera	Geometridae	<i>Scopula</i>	<i>emulata</i>	15.6	2	2	Hausmann (2004)	Hausmann (2004)	no	0.17
442	Lepidoptera	Geometridae	<i>Scopula</i>	<i>flaccidaria</i>	18.3	3	2	Hausmann (2004)	Hausmann (2004)	no	0.14
443	Lepidoptera	Geometridae	<i>Scopula</i>	<i>flosciatata</i>	24.9	3	1	Hausmann (2004)	Hausmann (2004)	no	0.24
444	Lepidoptera	Geometridae	<i>Scopula</i>	<i>frigidiaria</i>	7.2	1	1	Hausmann (2004)	Hausmann (2004)	no	0.14
445	Lepidoptera	Geometridae	<i>Scopula</i>	<i>honestata</i>	23	3	1	Hausmann (2004)	Hausmann (2004)	no	0.21
446	Lepidoptera	Geometridae	<i>Scopula</i>	<i>imitaria</i>	21.7	4	2	Hausmann (2004)	Hausmann (2004)	no	0.17
447	Lepidoptera	Geometridae	<i>Scopula</i>	<i>immutata</i>	46.2	1	2	Hausmann (2004)	Hausmann (2004)	no	0.2
448	Lepidoptera	Geometridae	<i>Scopula</i>	<i>immutata</i>	21.6	3	1.5	Hausmann (2004)	Hausmann (2004)	no	0.2
449	Lepidoptera	Geometridae	<i>Scopula</i>	<i>incanata</i>	24.9	4	2	Hausmann (2004)	Hausmann (2004)	no	0.22
450	Lepidoptera	Geometridae	<i>Scopula</i>	<i>luridata</i>	16.1	2	3	Hausmann (2004)	Hausmann (2004)	no	0.29
451	Lepidoptera	Geometridae	<i>Scopula</i>	<i>marginipunctata</i>	20.9	9	2	Hausmann (2004)	Hausmann (2004)	no	0.13
452	Lepidoptera	Geometridae	<i>Scopula</i>	<i>minorata</i>	10.9	6	3	Hausmann (2004)	Hausmann (2004)	no	0.35
453	Lepidoptera	Geometridae	<i>Scopula</i>	<i>memoraria</i>	24.1	2	1	Hausmann (2004)	Hausmann (2004)	no	0.14
454	Lepidoptera	Geometridae	<i>Scopula</i>	<i>nigropunctata</i>	30	4	1	Hausmann (2004)	Hausmann (2004)	no	0
455	Lepidoptera	Geometridae	<i>Scopula</i>	<i>ochraceata</i>	17.4	3	2	Hausmann (2004)	Hausmann (2004)	no	0.3
456	Lepidoptera	Geometridae	<i>Scopula</i>	<i>orientalis</i>	34.5	1	1	Hausmann (2004)	Hausmann (2004)	no	0.19
457	Lepidoptera	Geometridae	<i>Scopula</i>	<i>ornata</i>	18.1	3	3.25	Hausmann (2004)	Hausmann (2004)	no	0.15
458	Lepidoptera	Geometridae	<i>Scopula</i>	<i>rubellata</i>	23.5	2	2.25	Hausmann (2004)	Hausmann (2004)	no	0.27
459	Lepidoptera	Geometridae	<i>Scopula</i>	<i>rubiginata</i>	9.9	3	2	Hausmann (2004)	Hausmann (2004)	no	0.32
460	Lepidoptera	Geometridae	<i>Scopula</i>	<i>scalerii</i>	10.8	1	1.2	Hausmann (2004)	Hausmann (2004)	no	0.07
461	Lepidoptera	Geometridae	<i>Scopula</i>	<i>submutata</i>	25	5	2	Hausmann (2004)	Hausmann (2004)	no	0.1
462	Lepidoptera	Geometridae	<i>Scopula</i>	<i>subpunctaria</i>	23.6	4	1	Hausmann (2004)	Hausmann (2004)	no	0.23
463	Lepidoptera	Geometridae	<i>Scopula</i>	<i>ternata</i>	18.8	2	1	Hausmann (2004)	Hausmann (2004)	no	0.32
464	Lepidoptera	Geometridae	<i>Scopula</i>	<i>tessellaria</i>	24.6	4	1	Hausmann (2004)	Hausmann (2004)	no	0.23
465	Lepidoptera	Geometridae	<i>Scopula</i>	<i>turbulentaria</i>	21	2	2.5	Hausmann (2004)	Hausmann (2004)	no	0.19
466	Lepidoptera	Geometridae	<i>Scopula</i>	<i>umbellaria</i>	41.5	3	1	Hausmann (2004)	Hausmann (2004)	no	0.27
467	Lepidoptera	Geometridae	<i>Scopula</i>	<i>vigilata</i>	14.3	2	3	Hausmann (2004)	Hausmann (2004)	no	0.21
468	Lepidoptera	Geometridae	<i>Scopula</i>	<i>virgulata</i>	19.5	4	2	Hausmann (2004)	Hausmann (2004)	no	0.13
469	Lepidoptera	Geometridae	<i>Scototeryx</i>	<i>alfacaria</i>	56.2	1	1	Hausmann & Viidalepp (2012)	Hausmann & Viidalepp (2012)	no	0.25
470	Lepidoptera	Geometridae	<i>Scototeryx</i>	<i>angularia</i>	68.6	2	1	Hausmann & Viidalepp (2012)	Hausmann & Viidalepp (2012)	no	0.24
471	Lepidoptera	Geometridae	<i>Scototeryx</i>	<i>bipunctaria</i>	54.1	1	1	Hausmann & Viidalepp (2012)	Hausmann & Viidalepp (2012)	no	0.16
472	Lepidoptera	Geometridae	<i>Scototeryx</i>	<i>chenopodiata</i>	64.7	1	1	Hausmann & Viidalepp (2012)	Hausmann & Viidalepp (2012)	no	0.23
473	Lepidoptera	Geometridae	<i>Scototeryx</i>	<i>coarctaria</i>	30.7	2	1	Hausmann & Viidalepp (2012)	Hausmann & Viidalepp (2012)	no	0.11
474	Lepidoptera	Geometridae	<i>Scototeryx</i>	<i>coelinarina</i>	60.4	1	1	Hausmann & Viidalepp (2012)	Hausmann & Viidalepp (2012)	no	0.13
475	Lepidoptera	Geometridae	<i>Scototeryx</i>	<i>luridata</i>	33.1	2	1.5	Hausmann & Viidalepp (2012)	Hausmann & Viidalepp (2012)	no	0.2
476	Lepidoptera	Geometridae	<i>Scototeryx</i>	<i>moenata</i>	51.8	2	1	Hausmann & Viidalepp (2012)	Hausmann & Viidalepp (2012)	no	0.26
477	Lepidoptera	Geometridae	<i>Scototeryx</i>	<i>mucronata</i>	42.6	1	1	Hausmann & Viidalepp (2012)	Hausmann & Viidalepp (2012)	no	0.31
478	Lepidoptera	Geometridae	<i>Scototeryx</i>	<i>octodurans</i>	51.9	1	1	Hausmann & Viidalepp (2012)	Hausmann & Viidalepp (2012)	no	0.16
479	Lepidoptera	Geometridae	<i>Scototeryx</i>	<i>olympia</i>	29.4	1	1	Hausmann & Viidalepp (2012)	Hausmann & Viidalepp (2012)	no	0.06
480	Lepidoptera	Geometridae	<i>Scototeryx</i>	<i>peribolata</i>	29	3	1	Hausmann & Viidalepp (2012)	Hausmann & Viidalepp (2012)	no	0.16
481	Lepidoptera	Geometridae	<i>Scototeryx</i>	<i>vicinaria</i>	25.8	1	1.5	Hausmann & Viidalepp (2012)	Hausmann & Viidalepp (2012)	no	0.2
482	Lepidoptera	Geometridae	<i>Sollanea</i>	<i>mariae</i>	27.2	1	1.25	Hausmann & Viidalepp (2012)	Hausmann & Viidalepp (2012)	no	0.15
483	Lepidoptera	Geometridae	<i>Thalera</i>	<i>fimbriata</i>	41.2	5	1	Hausmann (2001)	Hausmann (2001)	no	0.34
484	Lepidoptera	Geometridae	<i>Thera</i>	<i>britannica</i>	27.7	5	2	Hausmann & Viidalepp (2012)	Hausmann & Viidalepp (2012)	no	0.25
485	Lepidoptera	Geometridae	<i>Thera</i>	<i>cembrae</i>	24.5	4	1	Hausmann & Viidalepp (2012)	Hausmann & Viidalepp (2012)	no	0.26
486	Lepidoptera	Geometridae	<i>Thera</i>	<i>cognata</i>	14.2	2	1	Hausmann & Viidalepp (2012)	Hausmann & Viidalepp (2012)	no	0.25
487	Lepidoptera	Geometridae	<i>Thera</i>	<i>cupressata</i>	27.1	1	2	Hausmann & Viidalepp (2012)	Hausmann & Viidalepp (2012)	no	0.31
488	Lepidoptera	Geometridae	<i>Thera</i>	<i>juniperata</i>	20.2	1	1	Hausmann & Viidalepp (2012)	Hausmann & Viidalepp (2012)	no	0.21
489	Lepidoptera	Geometridae	<i>Thera</i>	<i>obscureata</i>	25.2	5	1.5	Hausmann & Viidalepp (2012)	Hausmann & Viidalepp (2012)	no	0.26
490	Lepidoptera	Geometridae	<i>Thera</i>	<i>variata</i>	18.6	2	2.5	Hausmann & Viidalepp (2012)	Hausmann & Viidalepp (2012)	no	0.26
491	Lepidoptera	Geometridae	<i>Thera</i>	<i>velutata</i>	17.1	3	2	Hausmann & Viidalepp (2012)	Hausmann & Viidalepp (2012)	no	0.22
492	Lepidoptera	Geometridae	<i>Thetidia</i>	<i>plustaria</i>	45.2	3	3.25	Hausmann (2001)	Hausmann (2001)	no	0.27
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#	Order	Family	Genus	Species	Size (mm)	Specimens	Volturnism	Reference size	Reference voltinism	Increase of voltinism with latitude	Intraspecific variability size (%)
548	Lepidoptera	Spilidae	<i>Spilia</i>	<i>phylomidis</i>	97.4	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
550	Lepidoptera	Hesperiidae	<i>Spilia</i>	<i>serotius</i>	97.8	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
551	Lepidoptera	Hesperiidae	<i>Spilia</i>	<i>serotius</i>	57.9	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
552	Lepidoptera	Hesperiidae	<i>Thymelicus</i>	<i>acteon</i>	58.3	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
553	Lepidoptera	Hesperiidae	<i>Thymelicus</i>	<i>hyrax</i>	85.4	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
554	Lepidoptera	Hesperiidae	<i>Thymelicus</i>	<i>lineola</i>	54.6	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
555	Lepidoptera	Hesperiidae	<i>Thymelicus</i>	<i>serotius</i>	68.5	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
556	Lepidoptera	Lycanidae	<i>Agradiet</i>	<i>glandon</i>	14.7	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
557	Lepidoptera	Lycanidae	<i>Agrodiaetus</i>	<i>admetus</i>	21.6	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
558	Lepidoptera	Lycanidae	<i>Agrodiaetus</i>	<i>ainsae</i>	19.3	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
559	Lepidoptera	Lycanidae	<i>Agrodiaetus</i>	<i>amanda</i>	34.7	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
560	Lepidoptera	Lycanidae	<i>Agrodiaetus</i>	<i>aroeniensis</i>	19.8	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
561	Lepidoptera	Lycanidae	<i>Agrodiaetus</i>	<i>damon</i>	17.9	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
562	Lepidoptera	Lycanidae	<i>Agrodiaetus</i>	<i>dolus</i>	31.6	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
563	Lepidoptera	Lycanidae	<i>Agrodiaetus</i>	<i>escheri</i>	24.7	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
564	Lepidoptera	Lycanidae	<i>Agrodiaetus</i>	<i>fabresae</i>	30	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
565	Lepidoptera	Lycanidae	<i>Agrodiaetus</i>	<i>humedae</i>	21.2	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
566	Lepidoptera	Lycanidae	<i>Agrodiaetus</i>	<i>iphigenia</i>	14.8	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
567	Lepidoptera	Lycanidae	<i>Agrodiaetus</i>	<i>pyrenaeus</i>	17.9	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
568	Lepidoptera	Lycanidae	<i>Agrodiaetus</i>	<i>ripae</i>	25.7	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
569	Lepidoptera	Lycanidae	<i>Agrodiaetus</i>	<i>therites</i>	18.4	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
570	Lepidoptera	Lycanidae	<i>Agrodiaetus</i>	<i>viola</i>	25.2	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
571	Lepidoptera	Lycanidae	<i>Albulina</i>	<i>orbitalis</i>	17.4	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
572	Lepidoptera	Lycanidae	<i>Aricia</i>	<i>agestis</i>	19.2	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
573	Lepidoptera	Lycanidae	<i>Aricia</i>	<i>artaxerxes</i>	15.2	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
574	Lepidoptera	Lycanidae	<i>Callophrys</i>	<i>rubi</i>	23.7	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
575	Lepidoptera	Lycanidae	<i>Callophrys</i>	<i>rubi</i>	22	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
576	Lepidoptera	Lycanidae	<i>Celastrina</i>	<i>argiolus</i>	18.6	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
577	Lepidoptera	Lycanidae	<i>Chilades</i>	<i>trochilus</i>	6.6	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
578	Lepidoptera	Lycanidae	<i>Cupido</i>	<i>lorquini</i>	11.5	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
579	Lepidoptera	Lycanidae	<i>Cupido</i>	<i>minimus</i>	7	1	1.5	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
580	Lepidoptera	Lycanidae	<i>Cupido</i>	<i>minimus</i>	12.4	1	1.5	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
581	Lepidoptera	Lycanidae	<i>Cyaniris</i>	<i>semiargus</i>	22.7	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
582	Lepidoptera	Lycanidae	<i>Eumedonia</i>	<i>eumedonia</i>	31.8	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
583	Lepidoptera	Lycanidae	<i>Everes</i>	<i>alceas</i>	16.8	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
584	Lepidoptera	Lycanidae	<i>Everes</i>	<i>argides</i>	16.2	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
585	Lepidoptera	Lycanidae	<i>Everes</i>	<i>decoloratus</i>	11.5	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
586	Lepidoptera	Lycanidae	<i>Glaucopsyche</i>	<i>melanops</i>	18.6	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
587	Lepidoptera	Lycanidae	<i>Glaucopsyche</i>	<i>melanops</i>	13.7	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
588	Lepidoptera	Lycanidae	<i>Iolana</i>	<i>iolas</i>	65.1	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
589	Lepidoptera	Lycanidae	<i>Kretania</i>	<i>eurypilus</i>	20.9	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
590	Lepidoptera	Lycanidae	<i>Laecopsis</i>	<i>roboris</i>	39.5	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
591	Lepidoptera	Lycanidae	<i>Lampides</i>	<i>boeticus</i>	34.6	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
592	Lepidoptera	Lycanidae	<i>Leptotes</i>	<i>pinthous</i>	11.5	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
593	Lepidoptera	Lycanidae	<i>Lycena</i>	<i>aliphron</i>	27.1	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
594	Lepidoptera	Lycanidae	<i>Lycena</i>	<i>dispar</i>	78.6	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
595	Lepidoptera	Lycanidae	<i>Lycena</i>	<i>helle</i>	21.4	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
596	Lepidoptera	Lycanidae	<i>Lycena</i>	<i>hippotoe</i>	47.6	1	1.5	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
597	Lepidoptera	Lycanidae	<i>Lycena</i>	<i>ottomana</i>	46	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
598	Lepidoptera	Lycanidae	<i>Lycena</i>	<i>phaeas</i>	33.9	1	2.5	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
599	Lepidoptera	Lycanidae	<i>Lycena</i>	<i>aliphron</i>	35.5	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
600	Lepidoptera	Lycanidae	<i>Lycena</i>	<i>thetis</i>	26.9	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
601	Lepidoptera	Lycanidae	<i>Lycena</i>	<i>titlyris</i>	64.2	1	2.5	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
602	Lepidoptera	Lycanidae	<i>Lycena</i>	<i>virgaureae</i>	47.9	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
603	Lepidoptera	Lycanidae	<i>Lysandra</i>	<i>albicans</i>	33.6	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
604	Lepidoptera	Lycanidae	<i>Lysandra</i>	<i>bellargus</i>	26.4	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
605	Lepidoptera	Lycanidae	<i>Lysandra</i>	<i>aliphron</i>	35.5	1	1.5	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
606	Lepidoptera	Lycanidae	<i>Lysandra</i>	<i>hispana</i>	32.8	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
607	Lepidoptera	Lycanidae	<i>Maculinea</i>	<i>alcan</i>	25.2	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
608	Lepidoptera	Lycanidae	<i>Maculinea</i>	<i>arion</i>	50.7	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
609	Lepidoptera	Lycanidae	<i>Maculinea</i>	<i>nausithous</i>	33.2	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
610	Lepidoptera	Lycanidae	<i>Maculinea</i>	<i>teleus</i>	29	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
611	Lepidoptera	Lycanidae	<i>Maculinea</i>	<i>calcegeria</i>	37.9	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
612	Lepidoptera	Lycanidae	<i>Neolycaena</i>	<i>coelestina</i>	29.9	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
613	Lepidoptera	Lycanidae	<i>Plebejus</i>	<i>argus</i>	14.7	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
614	Lepidoptera	Lycanidae	<i>Plebejus</i>	<i>argyrogonomon</i>	22.3	1	1.5	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
615	Lepidoptera	Lycanidae	<i>Plebejus</i>	<i>idas</i>	22.5	1	1.5	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
616	Lepidoptera	Lycanidae	<i>Plebejus</i>	<i>pylaon</i>	24	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
617	Lepidoptera	Lycanidae	<i>Plebicula</i>	<i>dorylas</i>	24	1	1.5	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
618	Lepidoptera	Lycanidae	<i>Plebicula</i>	<i>plebicula</i>	21	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
619	Lepidoptera	Lycanidae	<i>Plebicula</i>	<i>nivessens</i>	27.7	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
620	Lepidoptera	Lycanidae	<i>Polyommatus</i>	<i>eros</i>	18.3	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
621	Lepidoptera	Lycanidae	<i>Polyommatus</i>	<i>icarus</i>	19.7	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
622	Lepidoptera	Lycanidae	<i>Pseudargia</i>	<i>nicias</i>	15.8	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
623	Lepidoptera	Lycanidae	<i>Pseudopholites</i>	<i>abencerragus</i>	8.5	1	1.5	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
624	Lepidoptera	Lycanidae	<i>Pseudopholites</i>	<i>abencerragus</i>	11.8	1	1.5	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
625	Lepidoptera	Lycanidae	<i>Pseudopholites</i>	<i>bavus</i>	12	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
626	Lepidoptera	Lycanidae	<i>Pseudopholites</i>	<i>panoptes</i>	12.5	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
627	Lepidoptera	Lycanidae	<i>Pseudopholites</i>	<i>vicrama</i>	15.5	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
628	Lepidoptera	Lycanidae	<i>Quercusia</i>	<i>quercus</i>	54.6	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
629	Lepidoptera	Lycanidae	<i>Satyrus</i>	<i>acaciae</i>	32	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
630	Lepidoptera	Lycanidae	<i>Satyrus</i>	<i>aliphron</i>	34.1	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
631	Lepidoptera	Lycanidae	<i>Satyrus</i>	<i>ilicis</i>	37.8	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
632	Lepidoptera	Lycanidae	<i>Satyrus</i>	<i>pruni</i>	30.6	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
633	Lepidoptera	Lycanidae	<i>Satyrus</i>	<i>spini</i>	37.1	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
634	Lepidoptera	Lycanidae	<i>Satyrus</i>	<i>w-album</i>	26	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
635	Lepidoptera	Lycanidae	<i>Scotitantes</i>	<i>orion</i>	12.6	1	1.5	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
636	Lepidoptera	Lycanidae	<i>Taraxacum</i>	<i>taraxacum</i>	8.8	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
637	Lepidoptera	Lycanidae	<i>Taraxacum</i>	<i>taraxacum</i>	14.5	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
638	Lepidoptera	Lycanidae	<i>Thecla</i>	<i>betulae</i>	44.4	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
639	Lepidoptera	Lycanidae	<i>Tomares</i>	<i>ballus</i>	30.9	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
640	Lepidoptera	Lycanidae	<i>Tomares</i>	<i>nogeli</i>	23.3	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
641	Lepidoptera	Lycanidae	<i>Ultracris</i>	<i>anteros</i>	13	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
642	Lepidoptera	Lycanidae	<i>Vicinia</i>	<i>opileta</i>	14	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
643	Lepidoptera	Lycanidae	<i>Zozana</i>	<i>zozana</i>	10.6	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
644	Lepidoptera	Nymphalidae	<i>Aglais</i>	<i>urticae</i>	146.9	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
645	Lepidoptera	Nymphalidae	<i>Apatura</i>	<i>ilias</i>	267.7	1	1.5	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
646	Lepidoptera	Nymphalidae	<i>Apatura</i>	<i>iris</i>	264.8	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
647	Lepidoptera	Nymphalidae	<i>Apatura</i>	<i>metis</i>	236.2	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
648	Lepidoptera	Nymphalidae	<i>Araschnia</i>	<i>levana</i>	36.9	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
649	Lepidoptera	Nymphalidae	<i>Argynnis</i>	<i>adippe</i>	247.3	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
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	Order	Family	Genus	Species	Size (mm ²)	Specimens	Volturnism	Reference size	Reference voltinism	Increase of voltinism with latitude	Intraspecific variability size (%)
686	Lepidoptera	Nymphalidae	Melitaea	trivia	75.5	1	2	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
687	Lepidoptera	Nymphalidae	Melitaea	asteria	29	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
688	Lepidoptera	Nymphalidae	Melitaea	athalia	68.6	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
689	Lepidoptera	Nymphalidae	Melitaea	aurelia	47.4	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
690	Lepidoptera	Nymphalidae	Melitaea	brimartia	39.4	1	1.5	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
691	Lepidoptera	Nymphalidae	Melitaea	deione	86	1	2	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
692	Lepidoptera	Nymphalidae	Melitaea	parthenoides	52.9	1	1.5	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
693	Lepidoptera	Nymphalidae	Melitaea	varia	56.6	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
694	Lepidoptera	Nymphalidae	Polygonia	c-album	142.5	1	2	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
695	Lepidoptera	Nymphalidae	Polygonia	agea	123.1	1	2.5	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
696	Lepidoptera	Nymphalidae	Proclissiana	eunomia	68.7	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
697	Lepidoptera	Papilionidae	Archon	apollinus	150.2	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
698	Lepidoptera	Papilionidae	Papilio	alexandor	446.6	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
699	Lepidoptera	Papilionidae	Parnassius	apollo	434.8	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
700	Lepidoptera	Papilionidae	Parnassius	mnemosyne	109.1	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
701	Lepidoptera	Papilionidae	Parnassius	phoebus	376.4	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
702	Lepidoptera	Papilionidae	Zerynthia	cerisy	112.5	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
703	Lepidoptera	Papilionidae	Zerynthia	polyxena	134.9	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
704	Lepidoptera	Papilionidae	Zerynthia	rumina	100.2	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
705	Lepidoptera	Pieridae	Anthocharis	bela	63.1	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
706	Lepidoptera	Pieridae	Anthocharis	cardamines	86.9	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
707	Lepidoptera	Pieridae	Anthocharis	damone	57.4	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
708	Lepidoptera	Pieridae	Anthocharis	gruner	23.6	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
709	Lepidoptera	Pieridae	Aporia	crataegi	167.3	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
710	Lepidoptera	Pieridae	Artogeia	bryoniae	52.8	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
711	Lepidoptera	Pieridae	Artogeia	ergane	36.8	1	2.5	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
712	Lepidoptera	Pieridae	Artogeia	krueperi	74.6	1	3	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
713	Lepidoptera	Pieridae	Artogeia	manni	42.3	1	3	Tolman & Lewington (2009)	Tolman & Lewington (2009)	yes	NA
714	Lepidoptera	Pieridae	Artogeia	napi	45.1	1	2.5	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
715	Lepidoptera	Pieridae	Artogeia	rapae	52.8	1	3	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
716	Lepidoptera	Pieridae	Colias	alfacensis	125	1	2.5	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
717	Lepidoptera	Pieridae	Colias	auronia	156.7	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
718	Lepidoptera	Pieridae	Colias	caucasica	103	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
719	Lepidoptera	Pieridae	Colias	chrysitheme	59.7	1	3	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
720	Lepidoptera	Pieridae	Colias	crocea	89.5	1	3	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
721	Lepidoptera	Pieridae	Colias	erate	72.9	1	3	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
722	Lepidoptera	Pieridae	Colias	hecla	75.2	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
723	Lepidoptera	Pieridae	Colias	hyale	93	1	2.5	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
724	Lepidoptera	Pieridae	Colias	myrmidone	82.9	1	2	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
725	Lepidoptera	Pieridae	Colias	nastes	79.2	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
726	Lepidoptera	Pieridae	Colias	paleno	66.3	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
727	Lepidoptera	Pieridae	Colias	phicomone	84.8	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
728	Lepidoptera	Pieridae	Colotis	evagore	53.8	1	3	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
729	Lepidoptera	Pieridae	Euchloe	ausiona	61.8	1	2	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
730	Lepidoptera	Pieridae	Euchloe	belemia	79.3	1	2	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
731	Lepidoptera	Pieridae	Gonepteryx	cleopatra	109.4	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
732	Lepidoptera	Pieridae	Gonepteryx	farinosa	213.9	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
733	Lepidoptera	Pieridae	Gonepteryx	rhanni	112.1	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
734	Lepidoptera	Pieridae	Lepidodea	duponcheli	19.2	1	2	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
735	Lepidoptera	Pieridae	Lepidodea	morsei	22.2	1	2	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
736	Lepidoptera	Pieridae	Lepidodea	sinapis	25	1	2	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
737	Lepidoptera	Pieridae	Pieris	brassicae	82.2	1	3	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
738	Lepidoptera	Pieridae	Pontia	callicle	66.4	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
739	Lepidoptera	Pieridae	Pontia	chloridece	33.2	1	2	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
740	Lepidoptera	Pieridae	Pontia	daplidice	83.7	1	3	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
741	Lepidoptera	Pieridae	Zegris	eupheme	103.6	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
742	Lepidoptera	Satyrinae	Aphantopus	hyperantus	37.5	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
743	Lepidoptera	Satyrinae	Arethusana	arthusana	85	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
744	Lepidoptera	Satyrinae	Chazara	briseis	159.8	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
745	Lepidoptera	Satyrinae	Chazara	prieuri	133.3	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
746	Lepidoptera	Satyrinae	Coenonympha	arcania	32.1	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
747	Lepidoptera	Satyrinae	Coenonympha	corinna	20.1	1	3	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
748	Lepidoptera	Satyrinae	Coenonympha	dorus	24.8	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
749	Lepidoptera	Satyrinae	Coenonympha	gardetta	37.9	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
750	Lepidoptera	Satyrinae	Coenonympha	glycerion	35.8	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
751	Lepidoptera	Satyrinae	Coenonympha	hero	26.8	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
752	Lepidoptera	Satyrinae	Coenonympha	leander	37.8	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
753	Lepidoptera	Satyrinae	Coenonympha	oedippus	62.5	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
754	Lepidoptera	Satyrinae	Coenonympha	pamphilus	19.1	1	3	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
755	Lepidoptera	Satyrinae	Coenonympha	rhodopensis	47.5	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
756	Lepidoptera	Satyrinae	Coenonympha	tullia	29.4	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
757	Lepidoptera	Satyrinae	Erebia	aethiops	48.5	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
758	Lepidoptera	Satyrinae	Erebia	aethiops	46.6	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
759	Lepidoptera	Satyrinae	Erebia	alberanus	80.1	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
760	Lepidoptera	Satyrinae	Erebia	calcaria	56.7	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
761	Lepidoptera	Satyrinae	Erebia	cassioides	56.2	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
762	Lepidoptera	Satyrinae	Erebia	christi	43.7	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
763	Lepidoptera	Satyrinae	Erebia	claudina	42.7	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
764	Lepidoptera	Satyrinae	Erebia	disa	104	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
765	Lepidoptera	Satyrinae	Erebia	embla	65.6	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
766	Lepidoptera	Satyrinae	Erebia	epiphron	43.6	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
767	Lepidoptera	Satyrinae	Erebia	epistygne	65.1	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
768	Lepidoptera	Satyrinae	Erebia	eriphyle	53.3	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
769	Lepidoptera	Satyrinae	Erebia	euryale	59.8	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
770	Lepidoptera	Satyrinae	Erebia	flavofasciata	43.7	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
771	Lepidoptera	Satyrinae	Erebia	gorge	54.8	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
772	Lepidoptera	Satyrinae	Erebia	gorgone	65.6	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
773	Lepidoptera	Satyrinae	Erebia	hispania	65.7	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
774	Lepidoptera	Satyrinae	Erebia	lefebvrei	70.1	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
775	Lepidoptera	Satyrinae	Erebia	ligea	64	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
776	Lepidoptera	Satyrinae	Erebia	manto	59.5	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
777	Lepidopt										

#	Order	Family	Genus	Species	Size (mm ²)	Specimens	Voltinism	Reference size	Reference voltinism	Increase of voltinism with latitude	Intraspecific variability size (%)
823	Lepidoptera	Satyrinae	<i>Melanargia</i>	<i>larisa</i>	120.3	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
824	Lepidoptera	Satyrinae	<i>Melanargia</i>	<i>occitanica</i>	135	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
825	Lepidoptera	Satyrinae	<i>Melanargia</i>	<i>rusciae</i>	125.9	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
826	Lepidoptera	Satyrinae	<i>Neohipparchia</i>	<i>fatua</i>	164.4	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
827	Lepidoptera	Satyrinae	<i>Neohipparchia</i>	<i>stallinus</i>	132.4	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
828	Lepidoptera	Satyrinae	<i>Oeneis</i>	<i>bore</i>	55.7	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
829	Lepidoptera	Satyrinae	<i>Oeneis</i>	<i>galialis</i>	117.7	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
830	Lepidoptera	Satyrinae	<i>Oeneis</i>	<i>jutta</i>	86.7	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
831	Lepidoptera	Satyrinae	<i>Oeneis</i>	<i>norma</i>	66.8	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
832	Lepidoptera	Satyrinae	<i>Pararge</i>	<i>aegeria</i>	37.6	1	2.5	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
833	Lepidoptera	Satyrinae	<i>Proterebia</i>	<i>afra</i>	69.7	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
834	Lepidoptera	Satyrinae	<i>Pseudochazara</i>	<i>anthelia</i>	129.8	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
835	Lepidoptera	Satyrinae	<i>Pseudochazara</i>	<i>cosquidii</i>	112.4	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
836	Lepidoptera	Satyrinae	<i>Pseudochazara</i>	<i>peyeri</i>	80.7	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
837	Lepidoptera	Satyrinae	<i>Pseudochazara</i>	<i>graeca</i>	57.4	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
838	Lepidoptera	Satyrinae	<i>Pseudochazara</i>	<i>mnisechii</i>	105.3	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
839	Lepidoptera	Satyrinae	<i>Pseudochazara</i>	<i>orestes</i>	135.7	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
840	Lepidoptera	Satyrinae	<i>Pseudotergumia</i>	<i>fidia</i>	79.4	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
841	Lepidoptera	Satyrinae	<i>Pyronia</i>	<i>bathseba</i>	59.4	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
842	Lepidoptera	Satyrinae	<i>Pyronia</i>	<i>cecilia</i>	48.5	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
843	Lepidoptera	Satyrinae	<i>Pyronia</i>	<i>thionus</i>	32.8	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
844	Lepidoptera	Satyrinae	<i>Satyrus</i>	<i>actaea</i>	64.4	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
845	Lepidoptera	Satyrinae	<i>Satyrus</i>	<i>ferula</i>	170.8	1	1	Tolman & Lewington (2009)	Tolman & Lewington (2009)	no	NA
846	Odontata	Aeshnidae	<i>Aeshna</i>	<i>affinis</i>	869	1	1	Askew (1988)	Corbet et al. (2006)	no	0.15
847	Odontata	Aeshnidae	<i>Aeshna</i>	<i>caerulea</i>	1119	1	0.33	Askew (1988)	Corbet et al. (2006)	no	0.17
848	Odontata	Aeshnidae	<i>Aeshna</i>	<i>crenata</i>	2202	1	0.33	Askew (1988)	Wildermuth & Martens (2014)	no	0.19
849	Odontata	Aeshnidae	<i>Aeshna</i>	<i>cyanea</i>	1403	1	0.61	Askew (1988)	Corbet et al. (2006)	no	0.13
850	Odontata	Aeshnidae	<i>Aeshna</i>	<i>grandis</i>	1356	1	0.5	Askew (1988)	Corbet et al. (2006)	no	0.1
851	Odontata	Aeshnidae	<i>Aeshna</i>	<i>isosceles</i>	1353	1	0.5	Askew (1988)	Corbet et al. (2006)	no	0.06
852	Odontata	Aeshnidae	<i>Aeshna</i>	<i>juncea</i>	1597	1	0.42	Askew (1988)	Corbet et al. (2006)	yes	0.21
853	Odontata	Aeshnidae	<i>Aeshna</i>	<i>mixta</i>	946	1	1	Askew (1988)	Corbet et al. (2006)	no	0.13
854	Odontata	Aeshnidae	<i>Aeshna</i>	<i>serata</i>	2329	1	0.42	Askew (1988)	Wildermuth & Martens (2014)	no	0.15
855	Odontata	Aeshnidae	<i>Aeshna</i>	<i>subarctica</i>	1865	1	0.33	Askew (1988)	Corbet et al. (2006)	no	0.08
856	Odontata	Aeshnidae	<i>Aeshna</i>	<i>viridis</i>	1243	1	0.42	Askew (1988)	Corbet et al. (2006)	no	0.14
857	Odontata	Aeshnidae	<i>Anax</i>	<i>imperator</i>	2507	1	1.17	Askew (1988)	Corbet et al. (2006)	yes	0.24
858	Odontata	Aeshnidae	<i>Anax</i>	<i>parthenope</i>	1721	1	1.17	Askew (1988)	Corbet et al. (2006)	no	0.19
859	Odontata	Aeshnidae	<i>Boyeria</i>	<i>irene</i>	1200	1	0.5	Askew (1988)	Corbet et al. (2006)	no	0.12
860	Odontata	Aeshnidae	<i>Brachytron</i>	<i>calceus</i>	1042	1	0.61	Askew (1988)	Corbet et al. (2006)	no	0.15
861	Odontata	Aeshnidae	<i>Caliaeschna</i>	<i>microstigma</i>	754	1	1	Askew (1988)	Wildermuth & Martens (2014)	no	0.18
862	Odontata	Aeshnidae	<i>Hemianax</i>	<i>ephippiger</i>	1231	1	2	Askew (1988)	Corbet et al. (2006)	no	0.14
863	Odontata	Calopterygidae	<i>Calopteryx</i>	<i>haemorrhoidalis</i>	323	1	0.5	Askew (1988)	Corbet et al. (2006)	no	0.06
864	Odontata	Calopterygidae	<i>Calopteryx</i>	<i>splendens</i>	342	1	0.75	Askew (1988)	Corbet et al. (2006)	no	0.06
865	Odontata	Calopterygidae	<i>Calopteryx</i>	<i>virgo</i>	371	1	0.75	Askew (1988)	Corbet et al. (2006)	no	0.09
866	Odontata	Coenagrionidae	<i>Cercion</i>	<i>lindeni</i>	108	1	1.5	Askew (1988)	Corbet et al. (2006)	no	0.18
867	Odontata	Coenagrionidae	<i>Ceragrion</i>	<i>armatum</i>	86	1	0.5	Askew (1988)	Corbet et al. (2006)	no	0.33
868	Odontata	Coenagrionidae	<i>Coenagrion</i>	<i>armatum</i>	86	1	0.5	Askew (1988)	Corbet et al. (2006)	no	0.09
869	Odontata	Coenagrionidae	<i>Coenagrion</i>	<i>caerulescens</i>	66	1	1	Askew (1988)	Corbet et al. (2006)	no	0.1
870	Odontata	Coenagrionidae	<i>Coenagrion</i>	<i>haustorium</i>	90	1	0.61	Askew (1988)	Corbet et al. (2006)	yes	0.06
871	Odontata	Coenagrionidae	<i>Coenagrion</i>	<i>lunulatum</i>	79	1	1	Askew (1988)	Wildermuth & Martens (2014)	no	0.1
872	Odontata	Coenagrionidae	<i>Coenagrion</i>	<i>mercuriale</i>	97	1	0.5	Askew (1988)	Corbet et al. (2006)	no	0.14
873	Odontata	Coenagrionidae	<i>Coenagrion</i>	<i>mercuriale</i>	84	1	1.5	Askew (1988)	Wildermuth & Martens (2014)	no	0.03
874	Odontata	Coenagrionidae	<i>Coenagrion</i>	<i>puella</i>	76	1	0.75	Askew (1988)	Corbet et al. (2006)	no	0.06
875	Odontata	Coenagrionidae	<i>Coenagrion</i>	<i>pulchellum</i>	74	1	0.75	Askew (1988)	Corbet et al. (2006)	no	0.11
876	Odontata	Coenagrionidae	<i>Coenagrion</i>	<i>scitulum</i>	118	1	1	Askew (1988)	Wildermuth & Martens (2014)	no	0.1
877	Odontata	Coenagrionidae	<i>Enallagma</i>	<i>cyathigerum</i>	104	1	1.17	Askew (1988)	Corbet et al. (2006)	yes	0.22
878	Odontata	Coenagrionidae	<i>Erythronia</i>	<i>najana</i>	214	1	1	Askew (1988)	Corbet et al. (2006)	no	0.18
879	Odontata	Coenagrionidae	<i>Erythronia</i>	<i>scitulum</i>	82	1	1.5	Askew (1988)	Wildermuth & Martens (2014)	no	0.06
880	Odontata	Coenagrionidae	<i>Ischnura</i>	<i>elegans</i>	82	1	1.62	Askew (1988)	Corbet et al. (2006)	yes	0.12
881	Odontata	Coenagrionidae	<i>Ischnura</i>	<i>graelis</i>	63	1	2.5	Askew (1988)	Corbet et al. (2006)	no	0.18
882	Odontata	Coenagrionidae	<i>Ischnura</i>	<i>pumilio</i>	50	1	2	Askew (1988)	Corbet et al. (2006)	yes	0.18
883	Odontata	Coenagrionidae	<i>Nehalennia</i>	<i>speciosa</i>	27	1	1.5	Askew (1988)	Wildermuth & Martens (2014)	no	0.08
884	Odontata	Coenagrionidae	<i>Pyrrhosoma</i>	<i>nymphula</i>	149	1	0.75	Askew (1988)	Corbet et al. (2006)	yes	0.09
885	Odontata	Cordulegastriidae	<i>Cordulegaster</i>	<i>boltoni</i>	1427	1	0.33	Askew (1988)	Corbet et al. (2006)	no	0.08
886	Odontata	Cordulegastriidae	<i>Cordulegaster</i>	<i>heros</i>	1720	1	0.33	Askew (1988)	Wildermuth & Martens (2014)	no	0.09
887	Odontata	Cordulidae	<i>Cordulia</i>	<i>enea</i>	648	1	0.42	Askew (1988)	Corbet et al. (2006)	yes	0.16
888	Odontata	Cordulidae	<i>Epitheca</i>	<i>bimaculata</i>	1247	1	0.5	Askew (1988)	Corbet et al. (2006)	no	0.17
889	Odontata	Cordulidae	<i>Macromia</i>	<i>splendens</i>	1359	1	0.5	Askew (1988)	Corbet et al. (2006)	no	0.07
890	Odontata	Cordulidae	<i>Oxygastra</i>	<i>curtis</i>	481	1	0.42	Askew (1988)	Wildermuth & Martens (2014)	no	0.14
891	Odontata	Cordulidae	<i>Somatochlora</i>	<i>alpestris</i>	721	1	0.42	Askew (1988)	Corbet et al. (2006)	no	0.11
892	Odontata	Cordulidae	<i>Somatochlora</i>	<i>metallica</i>	618	1	0.33	Askew (1988)	Corbet et al. (2006)	no	0.12
893	Odontata	Cordulidae	<i>Somatochlora</i>	<i>flavomaculata</i>	569	1	0.33	Askew (1988)	Corbet et al. (2006)	no	0.18
894	Odontata	Cordulidae	<i>Somatochlora</i>	<i>metallica</i>	684	1	0.42	Askew (1988)	Corbet et al. (2006)	no	0.1
895	Odontata	Cordulidae	<i>Somatochlora</i>	<i>sahlbergi</i>	665	1	0.33	Askew (1988)	Corbet et al. (2006)	no	0.04
896	Odontata	Gomphidae	<i>Gomphus</i>	<i>flavipes</i>	455	1	0.42	Askew (1988)	Corbet et al. (2006)	yes	0.1
897	Odontata	Gomphidae	<i>Gomphus</i>	<i>graslini</i>	469	1	0.42	Askew (1988)	Wildermuth & Martens (2014)	no	0.06
898	Odontata	Gomphidae	<i>Gomphus</i>	<i>serphus</i>	398	1	0.42	Askew (1988)	Corbet et al. (2006)	no	0.06
899	Odontata	Gomphidae	<i>Gomphus</i>	<i>simulimus</i>	476	1	0.33	Askew (1988)	Wildermuth & Martens (2014)	no	0.11
900	Odontata	Gomphidae	<i>Gomphus</i>	<i>vulgatissimus</i>	672	1	0.42	Askew (1988)	Corbet et al. (2006)	yes	0.11
901	Odontata	Gomphidae	<i>Lindenia</i>	<i>tetraphylla</i>	949	1	1.5	Askew (1988)	Wildermuth & Martens (2014)	no	0.15
902	Odontata	Gomphidae	<i>Onychogomphus</i>	<i>costae</i>	273	1	0.75	Askew (1988)	Wildermuth & Martens (2014)	no	0.07
903	Odontata	Gomphidae	<i>Onychogomphus</i>	<i>forcipatus</i>	471	1	0.33	Askew (1988)	Corbet et al. (2006)	no	0.08
904	Odontata	Gomphidae	<i>Ophigomphus</i>	<i>antennatus</i>	511	1	0.42	Askew (1988)	Corbet et al. (2006)	yes	0.06
905	Odontata	Gomphidae	<i>Ophigomphus</i>	<i>cecilia</i>	939	1	0.42	Askew (1988)	Corbet et al. (2006)	no	0.18
906	Odontata	Gomphidae	<i>Paragomphus</i>	<i>genei</i>	171	1	2	Askew (1988)	Corbet et al. (2006)	no	0.3
907	Odontata	Lestidae	<i>Lestes</i>	<i>barbarus</i>	202	1	1	Askew (1988)	Wildermuth & Martens (2014)	no	0.12
908	Odontata	Lestidae	<i>Lestes</i>	<i>dryas</i>	289	1	1	Askew (1988)	Corbet et al. (2006)	no	0.13
909	Odontata	Lestidae	<i>Lestes</i>	<i>macrostigma</i>	156	1	1	Askew (1988)	Wildermuth & Martens (2014)	no	0.21
910	Odontata	Lestidae	<i>Lestes</i>	<i>sporus</i>	140	1	1	Askew (1988)	Corbet et al. (2006)	no	0.11
911	Odontata	Lestidae	<i>Lestes</i>	<i>viens</i>	105	1	1	Askew (1988)	Wildermuth & Martens (2014)	no	0.26
912	Odontata	Lestidae	<i>Lestes</i>	<i>viridis</i>	234	1	1	Askew (1988)	Corbet et al. (2006)	no	0.21
913	Odontata	Lestidae	<i>Sympetrum</i>	<i>fusca</i>	138	1	1	Askew (1988)	Corbet et al. (2006)	no	0.14
914	Odontata	Libellulidae	<i>Brachythemis</i>	<i>leucosticta</i>	267	1	2	Askew (1988)	Corbet et al. (2006)	no	0.31
915	Odontata	Libellulidae	<i>Crocotermis</i>	<i>erythraea</i>	651	1	2.5	Askew (1988)	Corbet et al. (2006)	no	0.22
916	Odontata	Libellulidae	<i>Diplocodes</i>	<i>lefebvrei</i>	140	1	2	Askew (1988)	Corbet et al. (2006)	no	0.31
917	Odontata	Libellulidae	<i>Leucorrhinia</i>	<i>albifrons</i>	251	1	0.5	Askew (1988)	Wildermuth & Martens (2014)	no	0.17
918	Odontata	Libellulidae	<i>Leucorrhinia</i>	<i>caudalis</i>	355	1	1	Askew (1988)	Corbet et al. (2006)	no	0.11
919	Odontata	Libellulidae	<i>Leucorrhinia</i>	<i>dubia</i>	193	1	0.42	Askew (1988)	Corbet et al. (2006)	yes	0.15
920	Odontata	Libellulidae	<i>Leucorrhinia</i>	<i>pectoralis</i>	493	1	0.42	Askew (1988)	Corbet et al. (2006)	no	0.2
921	Odontata	Libellulidae	<i>Leucorrhinia</i>	<i>rubicunda</i>	313	1	0.5	Askew (1988)	Wildermuth & Martens (2014)	no	0.2
922	Odontata	Libellulidae	<i>Libellula</i>	<i>depressa</i>	1626	1	0.75	Askew (1988)	Corbet et al. (2006)	yes	0.21
923	Odontata	Libellulidae	<i>Libellula</i>	<i>fulva</i>	968	1	0.5	Askew (1988)	Corbet et al. (2006)	no	0.07
924	Odontata	Libellulidae	<i>Libellula</i>	<i>quadrimaculata</i>	1063	1	1	Askew (1988)	Corbet et al. (2006)	no	0.18
925											