

Appendix 3 List of all individuals of the Austrian species of the *Colletes succinctus* group used for pollen analysis, listed by species. The list includes ID number, species, site and date of capture as well as the flower it was captured on. The filling ratio of the pollen loads was determined between one and five, whereby one defined few pollen grains on the hind legs and five determined fully loaded hind legs and propodeum. The percentage of the respective proportion of pollen types (Araliaceae, Asteraceae tubuliflorae, Asteraceae liguliflorae, Ericaceae, Resedaceae, Rutaceae, undetermined tricolporate/reticulate pollen and others) is indicated. Different colours were selected for the pollen types identified down to species level: (blue) *Tripolium pannonicum*, (brown) *Hedera helix*, (purple) *Calluna vulgaris*. The term "others" was used for pollen up to 5% content in a package to prevent a shift of values due to contamination. Individuals marked with a red question mark could not be assigned to an exact species.

ID	Genus	Species	Collection site	Collected on	Filling ratio	Araliaceae	Asteraceae tubuliflorae	Asteraceae liguliflorae	Ericaceae	Resedaceae	Rutaceae	tricolporate/reticulate	Others				
													Undetermined	Asteraceae	Ericaceae	Rutaceae	
190	<i>Colletes</i>	<i>brevigena</i>	NÖ - Ollersdorf	<i>Reseda sp.</i>	1	0.0%	0.0%	0.0%	0.0%	97.7%	0.0%	0.0%	2.3%	0.0%	0.0%	0.0%	
1	<i>Colletes</i>	<i>collaris</i>	NÖ - Bisamberg	---	1	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
3	<i>Colletes</i>	<i>collaris</i>	NÖ - Bisamberg	---	2	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
4	<i>Colletes</i>	<i>collaris</i>	NÖ - Bisamberg	---	3	0.0%	33.3%	0.0%	0.0%	36.7%	0.0%	30.0%	0.0%	0.0%	0.0%	0.0%	0.0%
5	<i>Colletes</i>	<i>collaris</i>	NÖ - Bisamberg	---	4	0.0%	33.3%	0.0%	0.0%	66.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
6	<i>Colletes</i>	<i>collaris</i>	NÖ - Bisamberg	---	3	0.0%	32.0%	16.0%	0.0%	46.0%	0.0%	0.0%	2.67% + 3.33%	0.0%	0.0%	0.0%	0.0%
7	<i>Colletes</i>	<i>collaris</i>	NÖ - Bisamberg	---	5	0.0%	66.7%	0.0%	0.0%	33.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
9	<i>Colletes</i>	<i>collaris</i>	NÖ - Seeberg, Langenlois	---	2	0.0%	78.3%	0.0%	0.0%	21.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
10	<i>Colletes</i>	<i>collaris</i>	NÖ - Engabrunner Heide	---	2	0.0%	76.7%	0.0%	0.0%	23.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
11	<i>Colletes</i>	<i>collaris</i>	NÖ - Ollersdorf	---	5	0.0%	43.3%	56.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
191	<i>Colletes</i>	<i>collaris</i>	BGL - Neusiedlersee /Seehafen	---	5	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
192	<i>Colletes</i>	<i>collaris</i>	BGL - Neusiedlersee /Seehafen	---	3	0.0%	81.7%	18.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
193	<i>Colletes</i>	<i>collaris</i>	BGL - Neusiedlersee /Seehafen	---	5	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
195	<i>Colletes</i>	<i>collaris</i>	NÖ - Ollersdorf	<i>Reseda sp.</i>	2	0.0%	21.3%	0.0%	0.0%	77.3%	0.0%	0.0%	1.3%	0.0%	0.0%	0.0%	0.0%
29	<i>Colletes</i>	<i>hederae</i>	NÖ - Hainburg/Hundsheimer Berg	---	5	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
30	<i>Colletes</i>	<i>hederae</i>	NÖ - Hainburg/Hundsheimer Berg	---	5	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

232	<i>Colletes</i>	<i>pannonicus</i>	BGL - Neusiedlersee/Seehafen	---	2	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
233	<i>Colletes</i>	<i>pannonicus</i>	BGL - Neusiedlersee/Seehafen	---	2	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
81	<i>Colletes</i>	<i>succinctus</i>	NÖ - Retz	<i>Calluna</i>	2	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
82	<i>Colletes</i>	<i>succinctus</i>	NÖ - Retz	<i>Calluna</i>	3	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
83	<i>Colletes</i>	<i>succinctus</i>	NÖ - Retz	<i>Calluna</i>	3	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
84	<i>Colletes</i>	<i>succinctus</i>	NÖ - Retz	<i>Calluna</i>	4	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
85	<i>Colletes</i>	<i>succinctus</i>	NÖ - Retz	<i>Calluna</i>	2	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
86	<i>Colletes</i>	<i>succinctus</i>	NÖ - Retz	<i>Calluna</i>	3	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
87	<i>Colletes</i>	<i>succinctus</i>	NÖ - Retz	<i>Calluna</i>	1	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
88	<i>Colletes</i>	<i>succinctus</i>	NÖ - Retz	<i>Calluna</i>	2	0.0%	0.0%	13.7%	86.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
89	<i>Colletes</i>	<i>succinctus</i>	NÖ - Ollersdorf	---	1	0.0%	0.0%	0.0%	0.0%	99.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%	0.0%
90	<i>Colletes</i>	<i>succinctus</i>	NÖ - Ollersdorf	---	1	0.0%	0.0%	0.0%	0.0%	99.3%	0.0%	0.0%	0.0%	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%
91	<i>Colletes</i>	<i>succinctus</i>	NÖ - Retz	<i>Reseda</i> sp.	3	0.0%	0.0%	0.0%	0.0%	96.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	4.0%	0.0%
92	<i>Colletes</i>	<i>succinctus</i>	NÖ - Retz	<i>Reseda</i> sp.	3	0.0%	0.0%	0.0%	8.3%	91.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
94	<i>Colletes</i>	<i>succinctus</i>	NÖ - Retz	<i>Reseda</i> sp.	2	0.0%	0.0%	0.0%	0.0%	99.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%
95	<i>Colletes</i>	<i>succinctus</i>	NÖ - Retz	<i>Reseda</i> sp.	4	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
96	<i>Colletes</i>	<i>succinctus</i>	NÖ - Retz	<i>Reseda</i> sp.	3	0.0%	0.0%	0.0%	0.0%	99.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.7%	0.0%	0.0%
97	<i>Colletes</i>	<i>succinctus</i>	W - Bisamberg	---	4	0.0%	0.0%	0.0%	0.0%	97.7%	0.0%	0.0%	0.0%	0.0%	0.0%	2.3%	0.0%	0.0%	0.0%
98	<i>Colletes</i>	<i>succinctus</i>	W - Bisamberg	---	5	0.0%	30.7%	0.0%	0.0%	69.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
99	<i>Colletes</i>	<i>succinctus</i>	W - Bisamberg	---	4	0.0%	0.0%	0.0%	0.0%	95.3%	0.0%	0.0%	0.0%	0.0%	0.0%	4.7%	0.0%	0.0%	0.0%
160	<i>Colletes</i>	<i>succinctus</i>	NÖ - Oberweiden	---	4	0.0%	0.0%	0.0%	0.0%	97.0%	0.0%	0.0%	0.0%	0.0%	3.0%	0.0%	0.0%	0.0%	0.0%
234	<i>Colletes</i>	<i>succinctus</i>	NÖ - Retz	<i>Calluna</i>	3	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
61	<i>Colletes</i>	???	NÖ - Bisamberg	---	3	0.0%	0.0%	0.0%	0.0%	96.0%	0.0%	0.0%	2.0%	2.0%	0.0%	0.0%	0.0%	0.0%	0.0%
62	<i>Colletes</i>	???	NÖ - Bisamberg	---	2	0.0%	13.0%	0.0%	0.0%	86.7%	0.0%	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
63	<i>Colletes</i>	???	NÖ - Bisamberg	---	3	0.0%	5.7%	0.0%	0.0%	93.7%	0.0%	0.0%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
64	<i>Colletes</i>	???	NÖ - Bisamberg	---	4	0.0%	19.0%	0.0%	0.0%	81.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
65	<i>Colletes</i>	???	NÖ - Bisamberg	---	4	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
66	<i>Colletes</i>	???	NÖ - Hainburg/Spitzerberg	---	1	0.0%	0.0%	0.0%	0.0%	99.3%	0.0%	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
148	<i>Colletes</i>	???	unknown	---	3	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%