

Bulletin of Insectology Supplemental Material

Title: **Expansion of the range of the introduced moth *Acontia candefacta* in southeastern Europe**

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Bulletin of Insectology, Volume 70 June 2017 pages 111-120

Table S1. New findings of adults of *A. candefacta* in Serbia.

Table S2. List of sites where *A. candefacta* has been recorded in Europe. T = average annual temperature; RR = average annual precipitation; CLC = Corine Land Cover.

Table S3. Corine Land Cover (CLC) codes at the locations of *A. candefacta* findings in Europe.

Table S1. New findings of adults of *A. candefacta* in Serbia.

Site	Additional site description	Number of specimens, date(s) of collecting, collector
Baranica, Trgoviški Timok river gorge, southeastern Serbia	5 km southeast of the town of Knjaževac	1 female, 27.07.2012, D. Stojanović
Sombor, northern Serbia	Southern suburban part of the city	2 specimens, 18.08.2012, D. Vajgand
		1 specimen, 22.08.2012, D. Vajgand
		1 specimen, 10.08.2015, D. Vajgand
		1 specimen, 11.08.2015, D. Vajgand
		1 specimen, 13.08.2015, D. Vajgand
		1 specimen, 26.08.2015, D. Vajgand
		1 specimen, 30.08.2015, D. Vajgand
Environs of Čelarevo, Bačka Palanka, northern Serbia	A few km north of the village	1 specimen, 10.05.2013, D. Vajgand
		1 specimen, 06.07.2013, D. Vajgand
		1 specimen, 09.08.2014, D. Vajgand
		1 specimen, 22.08.2014, D. Vajgand
		1 specimen, 08.07.2015, D. Vajgand
		1 specimen, 12.07.2015, D. Vajgand
		1 specimen, 13.07.2015, D. Vajgand
		1 specimen, 18.07.2015, D. Vajgand
		1 specimen, 10.08.2015, D. Vajgand
		2 specimens, 11.08.2015, D. Vajgand
		1 specimen, 13.08.2015, D. Vajgand
		2 specimens, 14.08.2015, D. Vajgand
		5 specimens, 15.08.2015, D. Vajgand
		1 specimen, 18.08.2015, D. Vajgand
		2 specimens, 20.08.2015, D. Vajgand
1 specimen, 25.08.2015, D. Vajgand		
1 specimen, 27.08.2015, D. Vajgand		
1 specimen, 31.08.2015, D. Vajgand		
Environs of Bajmok, Subotica, northern Serbia	North of the village	1 specimen, 12.06.2014, D. Vajgand
		1 specimen, 14.08.2014, D. Vajgand
		1 specimen, 24.08.2014, D. Vajgand
Gospodinci, Žabalj, northern Serbia	A carrot field	1 specimen, 08.09.2015, D. Vajgand (not collected)

Table S2. List of sites where *A. candefacta* has been recorded in Europe. T = average annual temperature; RR = average annual precipitation; CLC = Corine Land Cover.

Serial number	Country	Site	Additional site description	Latitude	Longitude	Date(s) of collecting	Altitude (m a.s.l.)	T (°C)	RR (mm)	CLC code
1	Bulgaria	Karaboaz, near Gulyantzi	Danubian plain	43.67777778	24.71	18.05.2009	23	11.7	565	231
2	Bulgaria	Balgarevo, Kaliakra	Ruderal and steppe area, sandy and salty soil	43.36333	28.46561	03.08.2009	20	12.2	517	321
3	Romania	Histria, northern Dobrogea	-	44.561285	28.731856	25.08.2008 20.07.2009	10	11.6	409	211
4	Romania	Babadag forest, northern Dobrogea	-	44.898056	28.741944	19.07.2009	25	11.0	427	211
5	Romania	Manolache, environs of Bucharest, Ilfov county	-	44.39611111	26.24166667	11.05.2010	55	10.9	585	211
6	Romania	Oltenia, Mehedinți county	2 km northeast of Hinova	44.55222222	22.79222222	19.07.2012	190	10.6	628	243
7	Romania	Town of Măcin	Old branch of the Danube river	45.402166	28.123024	26.07.2008	2	11.2	454	211
8	Romania	Bank of the Colentina river	Downstream from Bucharest	44.402575	26.289886	11.05.2010	50	11.0	579	211
9	Hungary	Mezőtúr	-	47.00	20.633333	17.09.2012	85	10.7	531	511
10	Ukraine	Donetsk region	-	48.14	37.74	-	133	8.2	522	-
11	Ukraine	Lugansk region	-	48.98	39.30	-	177	8.0	491	-
12	Ukraine	Puschkine, Crimea	-	44.596111	34.341389	07.08.2007	80	10.9	584	-
13	Ukraine	Baburka, Saporischschja	-	46.759722	36.784444	05.08.2012	29	9.9	479	-
14	Ukraine	Sea of Azov coast	3 km east of the town of Berdjansk	47.796667	35.061111	03.07.2005	0	10.2	485	-
15	Ukraine	Zaporozhye	-	47.833333	35.166667	End of June - beginning of July 2005	21	9.8	476	-
16	Ukraine	Cjurupinsk	-	46.633333	32.583333	End of June - beginning of July 2005	29	10.2	434	-
17	Russia	Krasnodar region	-	45.033333	38.966667	-	15	11.6	724	-
18	Russia	Rostov province	-	47.866667	41.183333	-	79	8.9	479	-
19	Russia	Stavropolsk area	-	45.05000	43.266667	-	262	9.3	442	-
20	Russia	Elizavetinskaya	-	45.048056	38.792778	-	12	11.8	735	-
21	Russia	Rogozhkino, Azovsk region	-	47.172796	39.346623	-	7	10.2	556	-
22	Russia	Efremovo-Stepanovka, Tarasovsky district, Rostov-on-Don region	-	48.720278	40.831944	10.07.2001	115	8.5	469	-
23	Russia	Bolshekrepińskaja, Tuzlov river valley	-	47.393056	40.134722	28.05-09.06.2005 11-28.07.2005	89	10.0	541	-
24	Russia	Kabardino-Balkar Republic, northern Caucasus	-	43.70	44.034	-	203	10.5	604	-
25	Serbia	Baranica, Trgoviški Timok river gorge	5 km southeast of the town of Knjaževac	43.5524185222	22.3056054571	27.07.2012	375	9.7	620	243
26	Serbia	Kurmatura - Šomrda, Donji Milanovac, Đerdap National Park	-	44.5675081599	21.9912822052	10.08.2009	468	9.3	710	243

(Continued)

(Table S2 continued)

Serial number	Country	Site	Additional site description	Latitude	Longitude	Date(s) of collecting	Altitude (m a.s.l.)	T (°C)	RR (mm)	CLC code
27	Serbia	Sombor	Southern suburban part of the city	45.7462518906	19.1184737501	18.08.2012	84	10.8	580	211
						22.08.2012				
						10.08.2015				
						11.08.2015				
						13.08.2015				
						26.08.2015				
						30.08.2015				
						10.05.2013				
						06.07.2013				
						09.08.2014				
28	Serbia	Environs of Čelarevo, Bačka Palanka	A few km north of the village	45.3120244682	19.5301746501	22.08.2014	79	11.1	619	211
						08.07.2015				
						12.07.2015				
						13.07.2015				
						18.07.2015				
						10.08.2015				
						11.08.2015				
						13.08.2015				
						14.08.2015				
						15.08.2015				
18.08.2015										
20.08.2015										
25.08.2015										
27.08.2015										
31.08.2015										
29	Serbia	Environs of Bajmok, Subotica	North of the village	46.0093202203	19.3835008292	12.06.2014	118	10.9	570	211
						14.08.2014				
						24.08.2014				
30	Serbia	Gospođinci, Žabalj	A carrot field	45.4139435770	19.9990680825	08.09.2015	75	11.1	600	211

Table S3. Corine Land Cover (CLC) codes at the locations of *A. candefacta* findings in Europe.

CLC code	Label 1	Label 2	Label 3
211	Agricultural areas	Arable land	Non-irrigated arable land
231	Agricultural areas	Pastures	Pastures
243	Agricultural areas	Heterogeneous agricultural areas	Land principally occupied by agriculture, with significant areas of natural vegetation
321	Forest and semi-natural areas	Associations of scrub and/or herbaceous vegetation	Natural grasslands
511	Water bodies	Inland waters	Water courses