

Supplementary File: “TARTALLY, A., TÓTH, J.P., VÁRADI, A. & J. BERECSKI, J. (2017). First data on the host ant usage of Large Blue from the Carpathian Basin. *Sociobiology*, 64: 122-124”
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Site	Country	Latitude	Longitude	Altitude (m)	<i>Myrmica</i>	No. nests	No. <i>M. arion</i>
Acskó-völgy	Hungary	48.538	20.669	220	<i>ruginodis</i>	2	
					<i>sabuleti</i>	1	
					<i>scabrinodis</i>	9	
					<i>schrencki</i>	1	
Aggtelek	Hungary	48.448	20.513	340	<i>sabuleti</i>	17	
					<i>scabrinodis</i>	8	
					<i>schrencki</i>	1	
Colțești (Torockószyentgyörgy)	Romania	46.433	23.517	715	<i>schrencki</i>	3	
Drahos-rét	Hungary	48.561	21.423	742	<i>scabrinodis</i>	53	
					<i>vandeli</i>	19	
Fánafele Clujului	Romania	46.850	23.617	540	<i>scabrinodis</i>	58	
Kaszonyi-hegy	Hungary	48.253	22.489	120	<i>rubra</i>	6	
					<i>scabrinodis</i>	15	
Korlát-hegy	Hungary	48.421	20.683	300	<i>schrencki</i>	1	
Sóshartyán	Hungary	48.069	19.705	250	<i>sabuleti</i>	13	
					<i>scabrinodis</i>	6	
					<i>specioides</i>	3	
Szilicei-fennsík	Hungary	48.513	20.550	550	<i>sabuleti</i>	21	
					<i>scabrinodis</i>	12	
					<i>lonae</i>	6	
					<i>lobicornis</i>	1	
Szin	Hungary	48.499	20.645	270	<i>sabuleti</i>	1	
					<i>schrencki</i>	1	
					<i>specioides</i>	2	1*
Teresztenyei-fennsík	Hungary	48.456	20.607	330	<i>lonae</i>	5	
					<i>sabuleti</i>	14	
					<i>scabrinodis</i>	3	
Vörös-tó	Hungary	48.473	20.541	330	<i>sabuleti</i>	2	
					<i>scabrinodis</i>	4	1**
					<i>schrencki</i>	1	

Table 1. Sites and *Myrmica* nests examined and the number of *Maculinea arion* specimens recorded in them. *: on 25th June, Accession number: KY364693; **: on 19th May, Accession number: KY364692

a



b



Fig 1. The ‘spring’ *Maculinea arion* pupa found in a *Myrmica scabrinodis* nest at Vörös-tó (a) and the ‘summer’ *M. arion* prepupa found in a *M. specioidea* nest at Szin (b) (photos: a: J.P. Tóth; b: W.P. Pfliegler)