insects

MDPI

Article

Energetics of overwintering paper wasp gynes from differing climates (*Polistes dominula* and *Polistes gallicus*).

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Supplementary information

Table S1. Statistical details and the fit parameters of fit functions in Figure 3 of the individual and the mass specific standard metabolic rate (SMR=y0 + A*exp(R0*T_a)) of paper wasp gynes from Austria (*P. dominula* AT) and Italy (*P. dominula* IT, *P. gallicus* IT), data from Kovac et al. [32].

Individual metabolic rate

Species	Parameter			R^2	P	N
	y0	A	R0			
***P. dominula* AT**	-0.55425	0.4633	0.09114	0.51872	<0.0001	929
***P. dominula* IT**	-0.01822	0.06261	0.16594	0.78001	<0.0001	674
***P. gallicus* IT**	-0.13431	0.1457	0.1082	0.70700	<0.0001	1019

Mass specific metabolic rate

Species	Parameter			R^2	P	N
	y0	A	R0			
***P. dominula* AT**	-0.43032	0.35971	0.09114	0.51872	<0.0001	929
***P. dominula* IT**	-0.01648	0.05661	0.16594	0.78001	<0.0001	674
***P. gallicus* IT**	-0.18273	0.19824	0.10820	0.70700	<0.0001	1019