

Table S1.Total number of *Ixodes ricinus* ticks collected at particular study sites during whole study period, depending on the latitude; m a.s.l. – meters above sea level, N – nymphs, F – females, M – males.

Studied region	Study site	Latitude (m a.s.l)	Tick stage/Total number of collected ticks			Total
			N	F	M	
Foothill of Western Carpathians mountains	A (Rzeszów N)	191	62	59	57	178
	B (Rzeszów S)	251	40	53	45	138
	C (Jawornik)	284	12	70	54	136
	D (Kombornia)	363	30	65	50	145
	E (Rogi)	299	109	85	87	281
Western Carpathians mountains	F (Chyrowa)	529	94	74	79	247
	G (Ropianka)	465	115	75	77	267
	H (Mszana)	447	94	98	71	263
	J (Barwinek)	470	209	76	68	353
Total			765	655	588	2008