

Supplementary materials

Supplementary Table S1. Results of the Shapiro-Wilk test. Samples that are not normally distributed are marked green (significance $p < 0.01$).

Site	ID_PG	ISW_PG	OSW_PG	OD_PG
p-value	0.839	0.728	0.282	0.186
site	ID_S	ISW_S	OSW_S	OD_S
p-value	0.664	0.806	0.575	0.180
site	ID_K	ISW_K	OSW_K	OD_K
p-value	0.374	0.002	0.004	0.173

Supplementary Table S2. The p value of Welch's t-test between samples at Grunwaldzki Square (PG) site, Siemiradzkiego (S) site and Kamieńskiego (K) site. If the hypothesis about equality of means can be rejected at $p < 0.1$ value is marked with orange.

	ISW_PG	OSW_PG	OD_PG		ISW_S	OSW_S	OD_S		ISW_K	OSW_K	OD_K
ID_PG	0.56	1.00	0.30	ID_S	0.05	0.08	0.36	ID_K	0.47*	0.07*	0.51
ISW_PG		0.60	0.29	ISW_S		0.38	0.19	ISW_K		0.07*	0.72*
OSW_PG			0.48	OSW_S			0.37	OSW_K			0.07*

*Values are results of the Wilcoxon test since ISW_K and OSW_K data did not pass the Shapiro-Wilk test.

Supplementary Table S3. The p value of Welch's t-test between samples collected at indoor dust filters (ID), indoor spider webs (ISW), outdoor dust filters (OD), outdoor spider webs (OSW). If the hypothesis about equality of means can be rejected at $p < 0.1$ value is marked with orange, for $p < 0.05$ value is marked with yellow, for $p < 0.01$.

	ID_S	ID_K		ISW_S	ISW_K
ID_PG	0.09	0.06	ISW_PG	0.06	0.07*
ID_S		0.69	ISW_S		0.07*
	OD_S	OD_K		OSW_S	OSW_K
OD_PG	0.05	0.04	OSW_PG	0.06	0.07*
OD_S		0.79	OSW_S		0.47*

*Values are results of the Wilcoxon test since ISW_K and OSW_K data did not pass the Shapiro-Wilk test.

