

Supporting Information for

The Role of Life Stages in the Sensitivity of *Hediste diversicolor* to Nanoplastics: A Case Study with Poly(Methyl)Methacrylate (PMMA)

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PMMA particles		0h	24h	48h	72h	96h
Ultrapure Water	Hydrodynamic size (nm)	1678 ± 138.4	2542 ± 172.0	928.4 ± 25.68	1848 ± 170.0	1557 ± 92.40
	Polydispersity Index	0.724	0.911	0.569	0.835	0.877
Artificial Sea water	Hydrodynamic size (nm)	5780 ± 178.7	5574 ± 646.0	5030 ± 129.5	5968 ± 926.7	2987 ± 285.6
	Polydisperse Index	0.934	0.959	0.682	0.797	0.402

Table S1 – Characterization of PMMA particles in terms of hydrodynamic size and polydispersity at different time points. Data are presented as mean ± standard deviation.

