

Supplementary materials

Title

Uncovering the Hidden Dangers of Microplastic Pollution in Lake Ecosystems: Effects of Ingestion
on Talitrid Amphipods

Authors

Camilla Ciotti¹, Andrea Setini², Francesca Lecce¹ and Valentina Iannilli^{1*}

Affiliation

¹ENEA, Italian National Agency for New Technologies, Energy and Sustainable Economic
Development, C.R. Casaccia, Via Anguillarese, 301, 00123 Rome, Italy

² Department of Biology and Biotechnologies 'Charles Darwin', Sapienza University of Rome,
Piazzale Aldo Moro 5, 00185 Rome, Italy

***Corresponding author:**

Valentina Iannilli

Table S1. Size of the microplastic particles used in DECOTABs

Particles size(μm)		
	Lenght	Width
mean	22,747	11,448
SD	28,568	13,307
Dimensional range	4,055 156,783	1,969 72,489

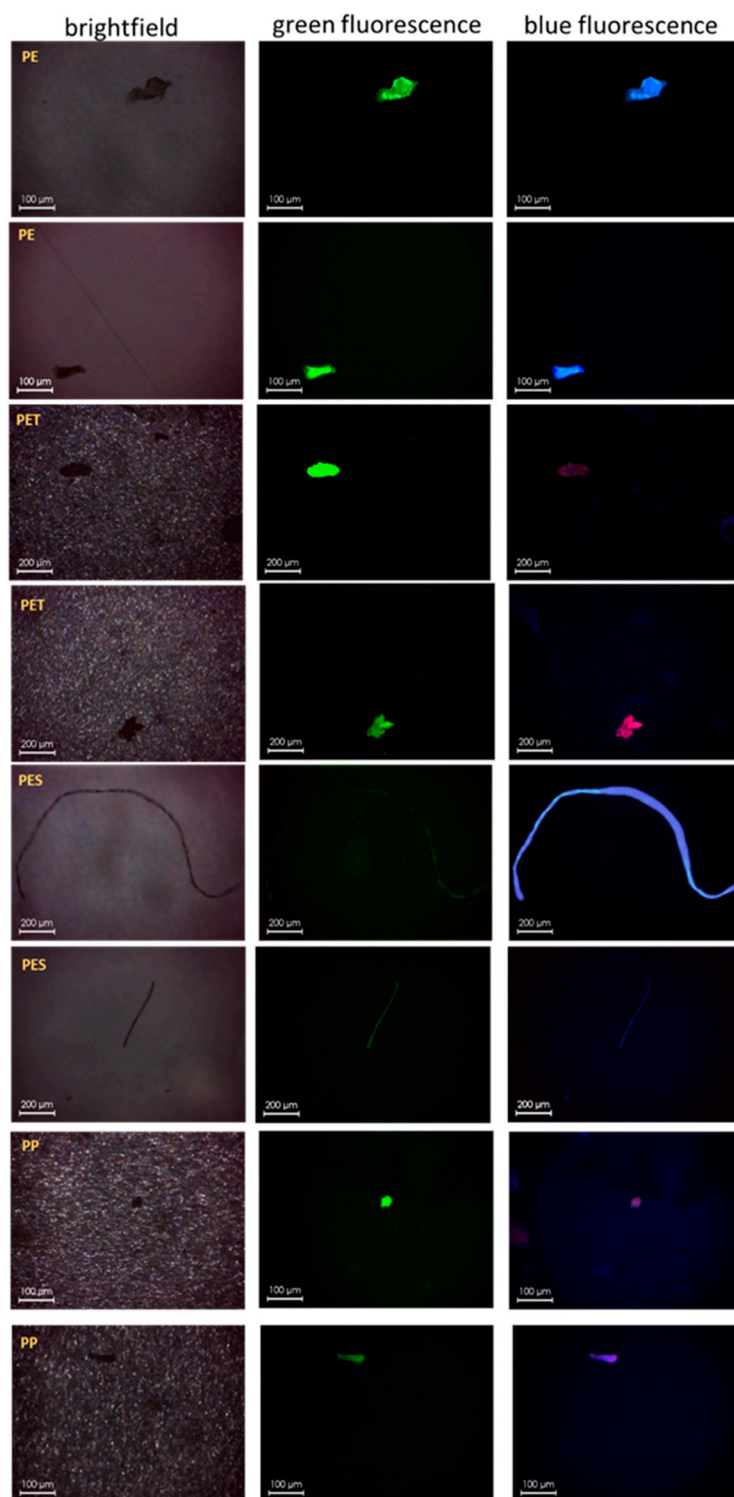


Figure S1. Images in brightfield (left) and fluorescence microscope in green (middle-excitation wavelength at 450–490 nm and emission wavelength 515–565 nm) and in blue (right-excitation at 365 nm and 445 nm emission) after Nile Red staining of the microplastics from digestive tracts of *Cryptorchestia garbinii*.