

SUPPLEMENTARY MATERIAL

**Temporal dynamics of species associations in the parasite community of European eels, *Anguilla anguilla*, from a coastal lagoon**

Luisa Giari, Brandon Ruehle, Elisa Anna Fano, Giuseppe Castaldelli, and Robert Poulin

Figure S1. Relationship between abundance (number of parasites per host) of the six most common helminth parasites of eels, *Anguilla anguilla*, and host body length in Comacchio Lagoons, during three sampling periods: 2005-2006 ( $N = 140$  eels), 2010-2013 ( $N = 131$ ), and 2015-2017 ( $N = 30$ ). The parasites are *Bucephalus anguillae* (Bucep), *Contracaecum rudolphii* (Contra), *Deropristis inflata* (Dero), *Helicometra fasciata* (Helico), *Lecithochirium musculus* (Lecith), and Tetracyllidean larvae (Tetra).

