



PhD Students Coffee Time

JUEVES 17/01/2019

Sala de Reuniones Edificio Institutos (semisótano)

Cristina Llopis Belenguer

Ecología y evolución de simbioses

She says:

Studying the interactions of parasites and their hosts in both native and introduced areas can help us to understand the role played by invasive species in the new community. Planiliza haematocheila (Teleostei: Mugilidae) is a species native to the Sea of Japan and it was deliberately introduced into the Sea of Azov in the 1980s. Whereas Mugil cephalus s.l., a phylogenetically close species, is worldwide distributed and native to both Seas. We characterise the bipartite networks of both M. cephalus and P. haematocheila with their respective parasite communities to identify the role of both fish species within the two communities. We suggest using this approach as a surrogate of maturity of the establishment of the invasive species.