

第17回 水圏生物生産学セミナー (共同セミナーのお知らせ)

“Coevolution of invasive parasites”

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日時: 4月23日(木) 午後4時~5時

場所: 生物生産学部C316号室

The aim of this presentation is to give you insight into how biological invasions of parasites can be used as a tool to study host-parasite coevolution in nature. In this seminar, I will give a short introduction to parasite invasions, and introduce the two invasive parasites I work with: *Mytilicola intestinalis* and *Mytilicola orientalis*. Both parasites have invaded the Eastern Atlantic and infect blue mussels *Mytilus edulis*. First the specialist *M. intestinalis* invaded from the Mediterranean Sea and later the generalist *M. orientalis* invaded from Japan. I will present data from a crossed coinfection experiment on phenotypic level, answering the questions “Do parasites evolve after invasion?” and “Is there competition between parasite species?”



Fies氏



Wadden Sea Station, Alfred
Wegener Institute for Polar and
Marine Research



Mytilicola intestinalis

*本講演は共同セミナーに指定されています。教員、院生、学部生のみなさん、奮ってご参加ください。