

List of Dissertation Abstract (Dissertation Doctor)

Name	Supervisor	Title	Abstract
Yano Michiko	Nakamori Taizo	Relationship between Myxomycetes and Collembola on Dead Trees	Dead trees in forest ecosystems provide habitat for many organisms. The objective of this study was to understand the interaction between Myxomycetes, which form fruiting bodies on dead trees, and the Collembola that visit them. We devised a method for simultaneous collection of Myxomycetes and Collembola in the field and revealed that Collembola fed on some of the spores and fruiting bodies. Furthermore, we devised a method to culture the feces and molting shells of Collembola and demonstrated germination from the spores, suggesting the possibility of endozoochory and epizoochory of myxomycetes spores via Collembola. In the future, we would like to further study the interaction between microorganisms and microanimals in forest ecosystems.