



Ecology and Ecosystem Modelling
“Actual topics in Ecology and Ecological modelling”
Oberseminar Summer-Semester 2020

Date	Speaker and Affiliation	Preliminary Title or Topic	Comment
27.04.2020	Ruben Ceulemans Univ. Potsdam	Unraveling the link between multitrophic diversity and ecosystem functioning in tritrophic food webs	
04.05.2020	Toni Klauschies Univ. Potsdam	Experimental evidence for long-term coexistence of two rotifer species in a homogenous chemostat environment	
11.05.2020	Barbara Bauer Univ. of Greifswald	Where spatial ecology and evolution meet: approaches to incorporate genetic adaptation and plasticity into species distribution modelling	
18.05.2020	Elias Ehrlich Univ. Potsdam	A graphical approach to modern coexistence theory	
25.05.2020	Florian Jeltsch Univ. Potsdam	Is fragmentation per se bad for biodiversity? The role of animal personality	Joint with WG Nature Conservation
01.06.2020	PENTECOST		
08.06.2020	Markus Stark Univ. Potsdam	Explaining diversity patterns: Local food web stability and the state of landscape fragmentation determine species distribution of a complex metacommunity model	
15.06.2020	Xiaoxiao Li Univ. Potsdam	Food web structure and stability of a seagrass bed in the China's Yellow River Delta coastal wetland	
22.06.2020	Gaurav Baruah Univ. of Zürich	Abundance- and trait-based signals of population collapses	
29.06.2020	Nadja Kath Univ. Potsdam	The influence of phenotypic plasticity on predator-prey systems	
06.07.2020	Guntram Weithoff Univ. Potsdam	Movement and dispersal mediated community assembly	
13.07.2020	Ellen van Velzen Univ. Potsdam	Keystone adapters: how does evolutionary rescue happen in a small food web?	
20.07.2020	Christian Guill Univ. Potsdam	Self-organized pattern formation increases functional diversity	