

**RHEINISCHE FRIEDRICH-WILHELMS-UNIVERSITÄT BONN**  
**Fachgruppe Biologie**

**Zoologisches Forschungsmuseum Alexander Koenig**

## **Biologisches Kolloquium**

**Sommersemester 2018**

**Montag, den 16. 04. 2018, 17 Uhr c.t.**

im Hörsaal Zoologie, Poppelsdorfer Schloss

### **Dr. Christian Habel**

Dept. Ecology & Ecosystems Management, Technische Universität  
München

## ***“200 years of butterfly decline: The relevance of time-series in nature conservation“***

Einladung: Prof. Dr. H. Wägele (ZF Museum Koenig)

#### *Abstract:*

Biodiversity is declining due to habitat loss and a reduction of habitat quality. Recent studies have shown that species with specific habitat demands are suffering particularly under this negative trend, even inside of nature reserves. In my talk I will focus on (i) temporal shifts in insect species richness, (ii) changes in relative abundance of butterfly species, and (iii) species community shifts across time. I will discuss potential drivers leading to this negative trend, such as landscape homogenization, drifting pesticides and nitrogen deposition, as well as climate change.