

RHEINISCHE FRIEDRICH-WILHELMS-UNIVERSITÄT BONN
Fachgruppe Biologie

Zoologisches Forschungsmuseum Alexander Koenig

Biologisches Kolloquium

Wintersemester 2019/2020

Montag, den 16. 12. 2019, 17 Uhr c.t.

im Hörsaal Zoologie, Poppelsdorfer Schloss

Jean Claessens & Jacques Kleynen

Naturalis Biodiversity Center, Leiden

“Pollination strategies of European orchids“

Einladung: Prof. Dr. H. Wägele (ZFMK)

Abstract:

Orchids display a wide variety of strategies for attracting insects that can act as pollen vector. During evolution the morphology of the orchid flower was adapted in various ways in order to match the preferences of the visiting insects. This resulted in different pollination strategies, from reward to deception and from allogamous to autogamous pollination.

In this lecture the morphology of the orchid flower is discussed, followed by many examples showing the various relationships between orchid and pollinator. This is demonstrated with unique, unseen macro photographs as well as videos showing the behaviour of the pollinators.