



# RIEKE F. SCHONS

M. SC. ORGANISMIC, EVOLUTIONARY AND PALAEOBIOLOGY

rieke.schons@ifb-potsdam.de | +49 173 2440480

## EDUCATION

### M. Sc. Organismic Biology, Evolutionary Biology and Palaeobiology; grade 1,4 (A)

University of Bonn | Oct 2018 - Mar 2021

- Elective courses: behavioral ecology of fish, marine biology (including field trip), behavioral ecology of birds (including field trip), form and function in birds, evolution of mammals, vegetation and plant ecology
- Internships: Student exchange to Indonesia funded by DAAD; Analysis of shoaling behavior in juvenile cichlid fish using idTracker
- Thesis: "The impact of the spatial distribution of food on juvenile growth and social behavior in the cichlid fish *Pelvicachromis pulcher*"

### B. Sc. Biology; grade 2,0 (B)

University of Bonn | Oct 2015 - Sep 2018

- Elective courses in ecology, applied wildlife management (including field trip), ecology of Western Canada (including field trip)
- Thesis: "Untersuchung des Einflusses der Verwandtschaft auf das Paarungs- und Territorialverhalten von *Pelvicachromis taeniatus*"

## SKILLS & QUALIFICATIONS

German (mother tongue), English (fluent), Dutch (basics)

Statistics: R

Behavioral observation: BORIS, idTracker, CTrax

Microsoft Excel, Word, Power Point

Adobe Photoshop, Lightroom

SCUBA Open Water Diver

Fishing license

Driver's license class B (Germany/Europe)

## ACTIVITIES

Endurance and strength training

Fishing

Photography

## CAREER

### PhD candidate

Institute of Inland Fisheries Potsdam | Jul 2022 - today

Investigations of the influence of body size on reproductive success of pikeperch and implications for fisheries management

### PhD candidate

Norwegian institute for water research | Dec 2021 - Apr 2022

section for nature-based solutions and aquatic ecology

### Research Assistant

Anglerverein Niedersachsen e.V. | Aug - Okt 2021

Field surveys of macrophytes and fishes in gravel pit lakes (snorkeling, echo sounding, electrofishing, gillnet fishing), project "BAGGERSEE"

### Junior Content Manager

echolotprofis.de (Angelkosmos UG) | Feb 2020 - Jul 2021

SEO copywriting, text editing, photo editing

### Research Assistant

Institute for Evolutionary Biology and Ecology,

University of Bonn | Jan - Oct 2018 and Aug - Sep 2019

Animal caretaking (freshwater fish)

### Student scientist

Rheinischer Fischereiverband e.V. | Jun 2019 and Jun 2020

Monitoring of allis shad's spawning activity, project

"Maßnahmen zur Sicherung der dauerhaften Wiederansiedelung des Maifischs im Rhein"

### Working student

Bayerische Landesanstalt für Wald und Forstwirtschaft | Oct 2018

Sample collection in the field, project "Integrales Schalenwildmanagement"

## PUBLISHED ARTICLES

Schons RF, Vitt S & Thünken T (2022): Resource heterogeneity but not inbreeding affects growth and grouping behaviour in socially foraging juvenile cichlid fish. *Functional Ecology*, 36, 550-560. DOI: 10.1111/1365-2435.13960

Schons RF, Vitt S & Thünken T (2021): Environmental habituation and sexual composition affect juveniles' shoaling activity in a cichlid fish (*Pelvicachromis taeniatus*). *Journal of Fish Biology*, 99, 1307-1317. DOI: 10.1111/jfb.14836

## IN PREPARATION

Thünken T, Baldauf S, Frommen JG, Schons RF, Karthe MJ, & Vitt S: Ecology of sexual conflict: Genetic relatedness and environmental variation affect parental cooperation in a biparental cichlid fish.

Vitt S, Schons RF, Keller AJR & Thünken T: Inbreeding affects shoaling in juvenile *Pelvicachromis taeniatus*.