

Dr. Sylvia Ortmann

Research group: Evolutionary Ecology
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Curriculum vitae

Education

Study of biology at the Philipps-University Marburg

1997 PhD (Dr. rer. nat.)
Thesis: *Strategies of seasonal adaptations of Alpine marmots (Marmota marmota L.) (in German)*

Employment

1/1990-4/1997 Research assistant in the „Collaborative research centre 305: Ecophysiology: Processing of environmental signals” and PhD-Student at Philipps-University, Marburg (Dept. Animal physiology, ecophysiology)

5/1997-1/2003 Researcher at the German Institute of Human Nutrition, Potsdam (Dept. Biochemistry and physiology of nutrition)

since 2/2003 Senior scientist at the Leibniz Institute for Zoo- and Wildlife Research, Berlin (Dept. Evolutionary ecology)
Head of the nutrition laboratory
Scientific head of the IZW field research station

Awards

1999 Horst-Wiehe-Award of the German Zoological Society
(biennial award for the best PhD-Thesis in zoology)

Research interests

Life history strategies and adaptation to seasonality in cervids

- energy allocation and body weight regulation, optimal litter size, reproductive strategies of females, mating system, population dynamics, inter- and intraspecific conflicts, maternal investment, costs of reproduction (free ranging and captive animals)

Physiological strategies in nutrition and digestion

- diet, nutrition and digestive physiology of ruminating and non-ruminating forestomach fermenters (zoo animals);

Feeding ecology of Great Apes

- food choice and social systems, habitat quality and group size, digestion efficiency (field and zoo studies)

Reviewer for

Biological Letters
Berliner und Münchener Tierärztliche Wochenschrift
Comparative Biochemistry and Physiology
Folia Primatologica
Journal of Mammalogy
Journal of Comparative Physiology B
Oecologia
Zoology

International Hibernation Society
Leakey Foundation