

Curriculum vitae

- Personal data: Dr. Anne Berger
birth: 1969 in Berlin
- 1975 – 1987 primary and extended secondary school education
 - 1987: final examinations (matriculation standard)
 - 1987 – 1988 zoo animal keeper in the Tierpark Berlin-Friedrichsfelde (especially for birds)
 - 1988 – 1993 student of biology at Humboldt-University of Berlin with the specialisation on physiology and behaviour
 - 1993: dissertation (Humboldt-University of Berlin)
title: „Investigations of diurnal rhythm on przewalski-horse in winter“
 - 1993 – 1999 research student at the Martin-Luther-University of Halle-Wittenberg in cooperation with the Institute for Zoo Biology and Wildlife Research Berlin
 - 1999: promotion Dr. rer. nat. (Martin-Luther-University of Halle-Wittenberg)
title: „Chronobiological investigations on przewalski-horse (*Equus ferus przewalskii*) and red deer (*Cervus elaphus*) under quasi-natural conditions and possible approaches to chronobiological diagnosis of stress“
 - since 1999: scientist at the Institute for Zoo Biology and Wildlife Research Berlin in the research group „Chronoecology“
- working area:
- stress detection by chronobiological analysis of behaviour
 - research on daily and annual biological rhythms of wildlife
 - development of methods for automatic measurement and analysis of behaviour

papers

- Berger, A.; Scheibe, K.M. (1994): Rhythmik von Nahrungsaufnahme und Aktivität von Przewalski-Pferden in einem Semireservat. Akt. Arb. artgem. Tierhaltung, KTBL-Schrift 361, 130-142.
- Berger, A.; Scheibe, K.M. (1995): Aktivitätsrhythmik bei Przewalskipferden (*Equus przewalskii* POLJAKOV, 1881) unter seminatürlichen Lebensbedingungen. Orn. Beob. 92, 359-360.
- Berger, A.; Schober, F.; Scheibe, K.M.; Reimoser, S.; Eichhorn, K. (1997): Comparison of two telemetric methods for measuring behavioural parameters. Z. Säugetierkd. 62, Suppl. II, G. Fischer Verlag, Jena, 14-17.
- Berger, A.; Scheibe, K.M.; Eichhorn, K.; Scheibe, A.; Streich, J. (1999): Diurnal and ultradian rhythms of behaviour in a mare group of Przewalski horse (*Equus ferus przewalskii*), measured through one year under semi-reserve conditions. Appl. Anim. Behav. Sci. 64, 1-17.
- Berger, A.; Scheibe, K.M.; Brelurut, A.; Schober, F.; Streich, W.J. (2002): Seasonal Variation of Diurnal and Ultradian Rhythms in Red Deer. Biological Rhythm Research, 33, 237-253.
- Berger, A.; Scheibe, K.M.; Michaelis, S.; Streich, W.J. (2003): Evaluation of living

conditions of free ranging animals by automated chronobiological analysis of behaviour. Behavior Research Methods, Instruments & Computers. 35 (3): 458-466, 2003.

Berger, A.; Scheibe, K.M. (2004): Geschlechtsspezifische Aspekte der Pferdeliebe oder Warum mögen besonders Mädchen Pferde? Akademie für Tierheilkunde, Online Lehrbuch, pp. 1-4.

Scheibe, K.M.; Schleusner, T.; Berger, A.; Eichhorn, K.; Langbein, J.; Dal Zotto, L.; Streich, W.J. (1998): ETHOSYS® - new system for recording and analysis of behaviour of free-ranging domestic animals and wildlife. Appl. Anim. Behav. Sci. 55, 195-211.

Scheibe, K.M.; Berger, A.; Langbein, J.; Streich, W.J.; Eichhorn, K. (1999): Comparative Analysis of ultradian and circadian behavioural rhythms for diagnosis of biorhythmic state of animals. Biol. Rhythm. Res., 30, No. 1, 216-233.

Scheibe, K.M.; Berger, A.; Eichhorn, K.; Streich, W.J. (2002): Zeit und Rhythmen - Umweltfaktor und biologische Struktur. KTBL-Schrift 407, 64-75.

lectures

- „Ernährungsverhalten, Biorhythmik und Wildtier telemetrie bei Pflanzenfressern“ as a part of the Ringvorlesung „Grundlagen der Zoo- und Wildtierkunde“ at the FU-Berlin
- „behavioural investigations in wildlife research“ as a part of the International study “ecology” (Technische Universität Cottbus)
- „horse behaviour“ Akademie für Tiernaturheilkunde in Bad Bramstedt (ATM Lehrereinrichtung für Alternative Tiermedizin GmbH)

evaluator

- censor in „Jugend forscht“ Regionalwettbewerb Berlin Süd
- reviewer for BRMIC (Behavior Research Methods, Instruments & Computers) USA