

Curriculum Vitae

Burkhard W. Büdel

Date and place of birth: 27th September 1953 at Frammersbach (Germany)

Educational background

1982: Diploma-thesis of graduation in Biology at Philipps-University, Marburg, Department of Biology

1986: PhD Thesis at Philipps-University, Marburg, Germany

1993: Habilitation at the Bayerische Julius-Maximilians-University at Würzburg, Germany

Research experience:

1982-1986: research fellow at Philipps-University, Marburg

1986-1990: post doctorate fellow at Philipps University, Marburg

1990-1994: post doctorate fellow at Bayerische Julius-Maximilians-University, Würzburg

1994-1995: Heisenberg-fellow of the German Research Foundation (DFG) at the Technische Hochschule Darmstadt and the Forschungsinstitut Senckenberg, Frankfurt, Germany

1995-1997: Associate-Professor at the University of Rostock, Germany

Current position title since 1997: Full Professor (Chair of Plant Ecology and Systematics), University of Kaiserslautern, Department of Biology, Germany

Present research/professional speciality:

Considerable experience in vegetation, flora, systematics and phylogeny of cyanobacteria, algae and lichens of semi-arid and arid ecosystems worldwide.

Considerable experience in the use of advanced gas exchange and fluorescence systems for measuring photosynthesis of lower plants and cyanobacteria.

Considerable research on cyanobacteria/lower plant ecology, ecophysiology, systematics and taxonomy in semi-arid and arid regions of the world as well as in neotropical forests.

Expert in the fields of flora, vegetation and ecology of biological soil crusts (BSC) and biofilms on rocks worldwide.

Exceptional qualifications:

Participation in several field trips/expeditions to: Alaska, USA/Yukon Territory, Canada (2005); Australia (1987, 2006, 2008, 2010); China (2006); Dry Valleys, Victoria Land, Antarctica (2003, 2007, 2009); French Guyana (1999); La Réunion/Mauritius (2000); Namibia (2001, 2004, 2006); Newfoundland/Labrador, Canada (2002); New Zealand (1991, 2003); Panama (1993); Sonoran Desert, Mexico, USA (1988, 1989, 1993); South Africa (1983, 1990, 1994, 1997, 2001, 2003, 2005); Venezuela (1996); Western Siberia/Altai, Russia (2004), Java, Bali, Indonesia (2008), Surinam (2010).

Participation in the Antarctic expedition to Taylor Valley in 2003, Mt Falconer, Linnaeus Terrace and Nussbaumriegel in 2007, and Diamond Hill (Darwin Glacier region) in 2009.

Heisenberg-Fellow of the DFG (= German Research Community) 1994-1995.

Regular member of the expert consultants board of the DFG for the ANTARCTIC Research program (1997-2006).

Elected expert consultant of the DFG for ecological plant biology (2000-2008).

Elected expert consultant of the Alexander-von-Humboldt Foundation for Georg-Forster-Research Grants (since February 2008).

Member of the expert authority group for Antarctica of the German Ministry of Environmental Affairs (1997-2006).

Editorial board of Flora

Editor Algological Studies.

Editor of 'Freshwaterflora of Central Europe' and 'Progress in Botany' (Springer Verlag, Heidelberg, Germany)

Chairman of the German Phycologists (1997-2005).

Honorary member of the Senckenbergische Naturforschende Gesellschaft, Frankfurt a. Main.