

CURRICULUM VITAE

Bert Hölldobler (Hoelldobler)

EDUCATION:	1947-1956:	Gymnasium Marktbreit (W-Germany)
	1956:	Abitur
	1956-1962:	University of Würzburg (W-Germany) Staatsexamen
	1962-1965:	Research for Dissertation at the University of Würzburg
	1965:	Degree Dr. rer.nat.
	1969:	Habilitation at the University of Frankfurt (W-Germany) Degree: Privatdozent (Dr. habil.)
	1973:	honorary MA, Harvard University
POSITIONS:	1966-1969:	Scientific Assistant at the Zoological Institute of the University of Frankfurt
	Fall 1969-Fall 1971:	Research Associate, Department of Biology, Harvard University
	1971-1972:	Professor of Zoology at the University of Frankfurt
	1972: Offer:	Fullprofessorship in the Section Neurobiology and Behavior. Cornell University, Ithaca, N.Y. (declined)
	1972: Offer:	Fullprofessorship in the Department of Biology, Harvard University, Cambridge, Mass. (accepted 1973)
	1973-1990:	Professor of Biology, Harvard University
	1980-1981:	John Simon Guggenheim Fellow (Australia)
	1982-1990:	Alexander Agassiz Professor of Zoology, Harvard University
	1984: Offer:	Ordinarius for Zoology, University of Zürich (declined 1985)
	1984-1987:	Member of the Psychobiology-Behavioral Physiology National Science Foundation Panel (3-years appointment)
	1986-1987:	US-Senior Scientist Prize of the Alexander von Humboldt Foundation
	1988: Offer:	Ordinarius for Zoology, University of Würzburg (FRG) (accepted 1989)
	1989-	Adjunct Professor of the University of Arizona

1989-2004	Professor of Zoology (Ordinarius), University of Würzburg (FRG)
1990-	Research Associate Museum of Comparative Zoology, Harvard University
1990- 2003	Member of the selection committee, Senior-Scientist-Prize of the Alexander v. Humboldt-Foundation
1993-1995	Chairman: Department of Biology, University of Würzburg
1996-1999	Member of the German National Science Council (Wissenschaftsrat)
2000-2004	Founding Speaker of the Sonderfor- schungsbereich (Center of Excellence- Program) "Mechanisms and Evolution of Arthropod Behavior (funded by the German Science Foundation).
2001:	Johannes Gutenberg Stiftungsprofessor of the University of Mainz, Germany
2001-2003	Speaker of the Biocenter (Biozentrum) of the University of Würzburg
2002-2008	Andrew D. White Professor at Large, Cornell University, Ithaca, NY, USA
2004-	Foundation Professor of Life Sciences, Arizona State University, Tempe, AZ, USA
2013-	Regents' Professor, Arizona State University, Tempe, AZ, USA
2014-	University Professor, Arizona State University, Tempe, AZ, USA

HONORS:

John Simon Guggenheim Fellowship (1980)
USA-Senior Scientist Prize of the Alexander von Humboldt
Foundation (1987)
Gottfried-Wilhelm-Leibniz-Prize of the German Science
Foundation (1990)
R.R.Hawkins-Prize of the Association of American Publishers
for the Most Outstanding Professional Reference or Scholarly
Work 1990 for the book THE ANTS (with E.O. Wilson)
Pulitzer-Prize 1991 for non-fiction writing for the book
THE ANTS (with E.O. Wilson)
Short-listed Rhône-Poulenc-Prize for the book Journey to the
Ants, 1995 (with E.O. Wilson)
Phi Beta Kappa-Prize for the book Journey to the Ants, 1995
(with E.O. Wilson)
Science book of the year for "Ameisen" (Bild der Wissenschaft),
1995 (with E.O. Wilson)
Karl Ritter von Frisch Medal and Science Prize of the German
Zoological Society 1996
Körper-Prize for the European Sciences 1996
Benjamin Franklin-Wilhelm v. Humboldt Prize of the
German-American Academic Council 1999
The Ants by Bert Hölldobler and E.O. Wilson listed number 27

among the best 100 nonfiction books of the century (Modern Library List of Random House Publishers)
Honorary-Doctoral-Degree (Dr.h.c.) of the University of Konstanz (Germany) 2000
Verdienstkreuz 1. Klasse des Verdienstordens der Bundesrepublik Deutschland (2000) (National Merit Medal of Germany)
Andrew D. White Professor at Large (Cornell University, Ithaca, NY, USA) 2002-
Raman Chair, Indian Academy of Sciences 2003, declined
Werner Heisenberg-Medal of the Alexander v. Humboldt-Foundation, 2003
Maximilian Medal and election to the Maximilian Order, State of Bavaria, 2003
Alfried Krupp Wissenschaftspreis, 2004
Jackson Hole Wild Life Film Festival Special Jury Award for the movie ANTS: NATURE's SECRET POWER (with Wolfgang Thaler) 2005

The book "THE SUPERORGANISM", (also with E.O. Wilson), was chosen as the *New York Times* Notable Book of the Year (2008) and Library Journals Top Sci-Tech Books of the Year (2008). It was also chosen as one of the stand-out books of 2009 by the *Financial Times*.

Ernst Jünger Prize in Entomology, 2010
Lichtenberg Medal, Göttingen Academy of Sciences, 2010
Cothenius Medal in Gold, National Academy of Sciences Leopoldina, Germany, 2011
Roentgen Medal, University of Würzburg, 2012
Exemplar Award of the American Animal Behavior Society 2013
Honorary Fellow of the Royal Society of Entomology, London, UK, 2014
Lorenz Oken Medal of the German Society for the Advancement of Sciences and Medicine, 2016

LECTURERSHIPS:

Messenger-Lecturer, Cornell University, Ithaca, NY., 1976
Keynote Lecturer at Symposium for International Prize for Biology to Peter Raven, Government of Japan, Kyoto, 1986
Nils von Hofsten-Lecturer: University of Uppsala, 1992
Bernhard Rensch-Lecturer: University of Münster, 1995
Johannes Müller-Lecturer: Free University of Berlin, 1995
Michael Perkins-Lecturer: Cambridge University, 1996
Charles Michener-Lecturer: University of Kansas, 1997
King-Solomon-Lecturer: Hebrew University, Jerusalem, 1997
Ford-Lecturer: University of Minnesota, 1998
Peter Hemmerich-Lecturer, University of Konstanz, 1999
Tinbergen-Lecturer, Assoc. for the Study of Animal Behaviour, London, 1999

"Superspeaker" 2000, elected by the graduate students of Duke University, N.C. USA
Johannes Gutenberg Stiftungsprofessor, University of Mainz, Germany, 2001
Andrew D. White Professor at Large, Cornell University, 2002 - 2008
Givaudan-Lecturer at the 25th AChem S –meeting 2003
Santschi-Lecturer, University of Zürich, 2003
Distinguished Lecturer, Vanderbilt University, 2003
John Wesley Powell Memorial Lecture, Southwestern Division of the American Association for the Advancement of Science, 2005
Keynote Lecturer, American Animal Behavior Society, 2009
Alfred M. Boyce Lecturer, University of California, Riverside, 2010
Keynote Lecturer, International Idea Festival, Kentucky, 2010
Graduate Student Elected Lecturer, University of California, Irvine, 2010
Graduate Student Elected Lecturer, Rockefeller University, New York, 2010
Graduate Student and Postdoc Elected speaker Janelia Farm, Howard Hughes Medical Institute, 2011
Keynote Lecturer at International Conference Chemical Ecology, Vancouver 2011
Graduate Student Elected Lecturer, Washington State University, 2012
Graduate Student Elected Lecturer, Vanderbilt University, 2013
Charles Michener Lecturer, University of Kansas, 2013
Graduate Student Elected Lecturer, Rutgers University, 2014
Distinguished Guest Lecturer, Brandeis University, 2014
Numerous other guest lectures, keynote lectures, plenary talks

ELECTED MEMBER OF: American Academy of Arts and Sciences (1974); Deutsche Akademie der Naturforscher, Leopoldina (1975); Member of the Senate of Leopoldina (1991-2002); Fellow of the American Association for the Advancement of Sciences (1979); Bayerische Akademie der Wissenschaften (corresp. member 1986; o. member 1995); Academia Europaea (1994); Wissenschaftliche Gesellschaft der Johann Wolfgang Goethe-Universität Frankfurt (1990); Fellow of the American Animal Behavior Society (1992). Berlin-Brandenburgische Akademie der Wissenschaften (corresponding member, 1995); Foreign Member of the American Philosophical Society (1997) Foreign Associate of the National Academy of Sciences (USA) (1998 - 2014); Member of the National Academy of Science (USA) (2014)

MEMBER OF: Deutsche Zoologische Gesellschaft; International Union for the Study of Social Insects; Cambridge Entomological Society; Animal Behavior Society; Society for the Study of Evolution; Society of American Naturalists; International Society of

Chemical Ecology; German Ethological Society; International Society for Behavioral Ecology, International Society for Behavioral Ecology; International Society of Neuroethology

RESEARCH INTERESTS: Behavioral physiology and ecology, sociobiology, biology of social insects, chemical ecology, evolutionary biology

ARTICLES: 325

BOOKS:

Hölldobler, B. and M. Lindauer, (ed.):
Experimental Behavioral Ecology and Sociobiology,
Fischer-Verlag, Stuttgart and Sinauer Assoc. Publ.,
Sunderland, Mass., 1985

Hölldobler, B. and E.O. Wilson: THE ANTS
Belknap Press of Harvard University Press, Cambridge,
and Springer-Verlag Heidelberg-Berlin, 1990

Hölldobler, B. and E.O. Wilson: Journey to the Ants
Belknap Press of Harvard University Press, Cambridge
(Translated into 13 languages)

Wirth, R., Herz, H., Ryel, R.J., Beyschlag, W., Hölldobler, B.:
Herbivory of Leaf-Cutting Ants, Springer-Verlag 2003

Hölldobler, B. and E.O. Wilson: The SUPERORGANISM
W.W. Norton New York, London 2008

Hölldobler, B. and E.O. Wilson: The Leafcutter Ants:
Civilization by Instinct. W.W. Norton, New York, London 2011

Hölldobler, B. und E. O. Wilson: Auf den Spuren der Ameisen:
Die Entdeckung einer faszinierenden Welt. Spektrum-Springer-
Verlag, Heidelberg, 2013; (3rd edition 2015).

FIELD RESEARCH:

Argentina, Australia, Costa Rica, French Guiana, Germany,
Finland, Kenya, India, Jamaica, Panama, Sri Lanka,
USA (Arizona, Florida, New England, New Mexico, Texas)

OTHER PROFESSIONAL
ACTIVITIES:

Co-editor of Behavioral Ecology and Sociobiology,
(1976-1989)

Co-editor of Die Naturwissenschaften (1995-)

Editorial board:

Behavioral Ecology and Sociobiology (1989-2002)

Zoophysiology and Ecology (1975-1980)

Journal of Chemical Ecology (1978-1988)

Psyche (1973- 2000)

Journal Comparative Physiology (1973-1980)

Insectes Sociaux (1990-2002)

Zoology (1994-)

Journal Insect Behavior (1996-)
Ecotropica (1995-2000)
Chemoecology (1997- 2013)
Deutsche Entomologische Zeitschrift (1996-)
NSF (USA) panel for Behavioral Biology (1984-1987)
several DFG (Germany) review panels
Selection committee of Alexander v. Humboldt-Foundation
for Humboldt-Awardees (1993 – 2003)
Member of the Stiftungsrat (Foundation Council) of the Ernst-
Friedrich von Siemens Foudation (1997-)
Senate of the German Academy of Sciences (Leopoldina)
(1991-2002)
Advisory board for the Humboldt Museum of Natural
History in Berlin
Member of the National Science Council of Germany
(Wissenschaftsrat) (1996-1999)
Vice-President of the Society for the Study of Evolution
(SSE) (1997)