

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:	Full professorship in the Section Neurobiology and Behavior. Cornell University, Ithaca, N.Y. (declined)
	1972: Offer:	Full professorship 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 Sonderforschungsbereich (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
2021-	Inaugural Robert A. Johnson Chair in Social Insect Research

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
 Körber-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 (Science Prize), 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, Gesellschaft Deutscher Naturforscher und Ärzte (German Association for the Advancement of Science) 2016

Fabricius Medal, Deutsche Gesellschaft der angewandten und allgemeinen Entomologie (German Entomological Society) 2019

Elected Fellow of the Entomological Society of America (ESA) 2019

Elected "Ehrenmitglied in der Deutschen Zoologischen Gesellschaft" (Honorary Member of the German Zoological Society) 2021

William D. Hamilton Award of the International Union for the Study of Social Insects, IUSI, 2022

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

Keynote Lecture at International Congress of Neuroethology, Berlin 1989
 Festvortrag, Jahresversammlung der Bayerischen Akademie der Wissenschaften, München, 1989
 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
 Nelson Lecturer, University of Missouri, 2006
 George Rieveschl Jr. Lecture, University of Cincinnati, 2008
 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
 Lectures at the Carl Friedrich von Siemens Foundation, Munich 1993, 2006, 2016
 Evening Lecture at Literatur Herbst Göttingen, 2016
 Opening plenary lecture at the Congress of the German Entomological Society, and Leopoldina Lecture 2019 in Halle Germany
 Numerous other guest lectures, keynote lectures, plenary talks

ELECTED MEMBER OF: American Academy of Arts and Sciences (1974); Deutsche Akademie der Naturforscher, Leopoldina [German National Academy of Sciences] (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; International Society of Chemical Ecology.

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

ARTICLES: 335

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).

Hölldobler, B. and C. K. Kwapich: *The Guest of Ants: How Myrmecophiles Interact with Their Hosts*. Belknap Press of Harvard University Press 2022

FIELD RESEARCH: Argentina, Australia, Costa Rica, French Guiana, Germany, Finlandia, 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- 2009)
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- 2004)
 Proceedings of the National Academy of Sciences (1998-)
 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 Carl 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)