

BIOGRAPHY OF THE 2009 KYOTO PRIZE LAUREATE IN BASIC SCIENCES

Prize Field: Biological Sciences (Evolution, Behavior, Ecology, Environment)

Dr. Barbara Rosemary Grant

Evolutionary Biologist

Affiliation: Princeton University **Title/Position:** Professor Emeritus
Date of Birth: October 8, 1936 **Nationality:** U.K.

Brief Biography:

1936 Born in Arnside, U.K.
1960 B.Sc. with Honor, The University of Edinburgh
1985 Ph.D. (Evolutionary Biology), Uppsala University
1960-1964 Research Associate, The University of British Columbia
1964-1965 Research Associate, Yale University
1973-1977 Research Associate, McGill University
1977-1985 Research Associate, University of Michigan
1985-1996 Research Scholar and Lecturer, Princeton University
1997-2008 Senior Research Scholar with rank of Professor, Princeton University
2008-present Senior Research Scholar with rank of Professor Emeritus, Princeton University

Selected Awards and Honors:

1998 E. O. Wilson Naturalist Award, The American Society of Naturalists
2002 Darwin Medal, The Royal Society of London
2005 Balzan Prize in Population Biology, International Balzan Prize Foundation
2008 The Darwin-Wallace Medal, The Linnean Society of London
Members: The Royal Society of London, National Academy of Sciences, American Academy of Arts and Sciences, The Royal Society of Canada

Selected Publications:

1976 Darwin's finches: Population variation and natural selection (Grant, P. R., Grant, B. R., Smith, J. N. M., Abbott, I. J. and Abbott, L. K.). *Proceeding National Academy of Sciences, U.S.A.* **73:** 257-261.
1979 Darwin's finches: Population variation and sympatric speciation (Grant, B. R. and Grant, P. R.). *Proceeding National Academy of Sciences, U.S.A.* **76:** 2359-2363.
1989 *Evolutionary Dynamics of a Natural Population: The Large Cactus Finch of the Galápagos* (Grant, B. R. and Grant, P. R.). University of Chicago Press, Chicago, 350 pp.
2002 Unpredictable evolution in a 30-year study of Darwin's finches (Grant, P. R. and Grant, B. R.). *Science* **296:** 707-711.
2006 Evolution of character displacement in Darwin's finches (Grant, P. R. and Grant, B. R.). *Science* **313:** 224-226.
2008 *How and Why Species Multiply: The Radiation of Darwin's Finches* (Grant, P. R. and Grant, B. R.). Princeton University Press, Princeton, 272 pp.