

## PETER H. RAVEN

Director, Missouri Botanical Garden, P. O. Box 299, St. Louis, MO 63166 (1971- ); George Engelmann Professor of Botany, Washington University in St. Louis (1973- ); Adjunct Professor of Biology, St. Louis University (1973- ); and Adjunct Professor of Biology, University of Missouri-St. Louis (1976-2006)

Trustee, National Geographic Society (2008- ) and Chairman of its Committee for Research and Exploration, 1999- (member 1981- )

Co-Chairman, Editorial Committee, Flora of China, 1988-

Born, Shanghai, China, June 13, 1936, four children

A.B. (highest honors), University of California, Berkeley, 1957

Ph.D., University of California, Los Angeles, 1960

National Science Foundation Postdoctoral Fellow at British Museum (Natural History), 1960-61

Taxonomist and Curator, Rancho Santa Ana Botanic Garden, Claremont, 1961-62

Assistant, then Associate Professor, Stanford University, Stanford, 1962-71

Senior Research Fellow, New Zealand Department of Scientific and Industrial Research, 1969-70

John Simon Guggenheim Memorial Fellow, 1969-70

John D. and Catherine T. MacArthur Foundation Fellow, 1985-90

Research Associate, California Academy of Sciences, 1970-

Honorary Curator of Phanerogams, Museo Nacional de Costa Rica, 1980-

Honorary Director, Laboratory of Systematic and Evolutionary Botany, Institute of Botany, Chinese Academy of Sciences, Beijing, 1988-

Professeur Associé du Muséum National d'Histoire Naturelle, Paris, 1989-

Honorary Director, Nanjing Botanical Garden Mem. Sun Yat-sen 1992-

Honorary Professor, Peking University, 1996

Adjunct Senior Research Scientist, Earth Institute, Columbia University, 1997-

Wuhan Institute of Botany, Chinese Academy of Sciences, Honorary Professor, 2003-

Honorary Chairman, Laboratory of Biodiversity and Biogeography, Kunming Institute of Botany, Chinese Academy of Sciences, 2006-2009

Honorary Professor, Zhejiang University, Hangzhou, 2008-

Emeritus Director of Academic Committee of Key Laboratory of Mountain Ecological Restoration and Bioresource Utilization, Chengdu Institute of Biology, Chinese Academy of Sciences, and

Emeritus Director of Ecological Restoration and Biodiversity Conservation Key Laboratory of Sichuan Province, 2009-

### **Academies of Science:**

U.S. National Academy of Sciences, 1977- ; Council, 1983-86; Home Secretary, 1987-99.

Fellow, American Academy of Arts and Sciences, 1977-

Foreign Member, Royal Danish Academy of Sciences and Letters, 1980-

Foreign Member, Royal Swedish Academy of Sciences, 1982-  
Honorary Member, Royal Society of New Zealand, 1984-

### **Academies of Science continued:**

Foreign Member, Accademia Nazionale delle Scienze detta dei XL, Rome, Italy, 1987-  
American Philosophical Society, 1988-  
Foreign Member, Academy of Sciences of the U.S.S.R., 1988-91; Russian Academy of Sciences, 1991-  
Corresponding Member, Australian Academy of Science, 1990-  
Member, Pontifical Academy of Sciences, 1990-  
Foreign Fellow, National Academy of Sciences of India, 1990-  
Foreign Fellow, Indian National Science Academy, 1990-  
Corresponding Member, Academia de Ciencias Exactas, Físicas y Naturales, Argentina, 1991-  
Corresponding Member, Austrian Academy of Sciences, 1992-  
Honorary Member, Academia Chilena de Ciencias, 1993-  
Corresponding Member, Academia Nacional de Ciencias, Córdoba, Argentina, 1993-  
Foreign Member, Russian Academy of Natural Sciences, 1994-  
Associate Fellow, Third World Academy of Sciences, 1994-  
Foreign Member, Academy of Sciences of Ukraine, 1994-  
Foreign Member, Chinese Academy of Sciences, 1994-  
Fellow, World Academy of Art and Science, 1994-  
Honorary Member, Hungarian Academy of Sciences, 1998-  
Foreign Member, Academia Brasileira de Ciencias, 2000-  
Corresponding Member, Academia Mexicana de Ciencias (AMC), 2001-  
Honorary Foreign Member, Georgian Academy of Sciences, 2002-  
Foreign Member, Royal Society, London, 2002-  
Honorary Fellow, Royal Society of Edinburgh, 2008-

### **Honorary Degrees:**

D.Sc.:

St. Louis University, Missouri, 1982  
Knox College, Galesburg, Illinois, 1983  
Southern Illinois University at Edwardsville, 1983  
Miami University, Oxford, Ohio, 1986  
University of Göteborg, Sweden, 1987  
Rutgers University, New Brunswick, New Jersey, 1988  
University of Massachusetts, Amherst, 1988  
Leiden University, The Netherlands, 1990  
Universidad Nacional de La Plata, Argentina, 1991  
Westminster College, Fulton, Missouri, 1992  
University of Missouri-Columbia, 1992  
Washington University, St. Louis, 1993  
University of Connecticut, 1993  
Universidad de Córdoba, Argentina, 1993  
The University of Sheffield, England, 1999  
Doctoris Honoris Causa Instituti Botanici Nomine V. L. Komarovii, St. Petersburg, Russia, 1999  
Maryville University, St. Louis, 2000

**Honorary Degrees continued:**

D.Sc.:

National Sun Yat-Sen University, Kaoshung, Taiwan, 2001

William Jewell College, Liberty, Missouri, 2004

Yale University, 2006

Michigan State University, 2008

Doctor of Humane Letters:

Webster University, St. Louis, Missouri, 1989

**Honors:**

Phi Beta Kappa, 1957

Sigma Xi, 1957

California Academy of Sciences, Fellow, 1964-

A. P. DeCandolle Prize, Geneva, 1970

Distinguished Service Award, Japan America Society of Southern California, 1977

Award of Merit, Botanical Society of America, 1977

Achievement Medal, Garden Club of America, 1978

Willdenow Medal, Berlin Botanical Garden, 1979

American Association for the Advancement of Science, Fellow, 1980-

Sociedad Argentina de Botánica, Honorary Member, 1981-

Linnean Society of London, Fellow, 1981-84; Foreign Member, 1984-

Distinguished Service Award, American Institute of Biological Sciences, 1981

XIII International Botanical Congress, Sydney, Vice-President, 1981

Rudi Lemberg Traveling Fellowship, Australian Academy of Science, 1981

Joseph Priestly Medal, Dickinson College, 1982

International Environmental Leadership Medal, United Nations Environment Programme, 1982

Gold Seal Medal, National Council of State Garden Clubs, 1982

Fundación Miguel Lillo, Tucumán, Argentina, Honorary Member, 1985-

III National Congress of Botany, Iquitos, Peru, Honorary President, 1985

Special Citation from First Lady of Costa Rica, Doña Doris Yankelewitz de Monge, for contributions to conservation and research in Costa Rica, 1985

International Prize for Biology, Government of Japan, 1986

Hutchinson Medal, Chicago Horticultural Society, 1986

University of California Botanical Garden, Honorary Trustee, 1987-

Archie F. Carr Medal, University of Florida, 1987

Honor Roll of Global 500, United Nations Environment Programme, 1987

American Fuchsia Society Achievement Medal, 1987

George Robert White Medal of Honor, Massachusetts Horticultural Society, 1987

Robert Allerton Medal, National Tropical Botanical Garden, 1988

IV National Congress of Botany, Trujillo, Peru, Honorary President, 1988

All-Union Botanical Society of the USSR, Honorary Foreign Member, 1988-

Fellows' Medal, California Academy of Sciences, 1988

St. Louis Award, 1988

**Honors continued:**

National Wildlife Federation National Conservation Achievement Award, 1989  
Delmer S. Fahrney Medal, Franklin Institute, Philadelphia, 1989  
U.S. Friends of the United Nations Environment Program, FUNEP 500 Environmental Achiever, 1989  
John D. Levy Human Relations Award, St. Louis Chapter, The American Jewish Committee, 1989  
St. Louis Man of the Year, 1989  
Silver Medal, Leiden University, on the occasion of 400th anniversary of the botanical garden, 1990  
Berkeley Citation, University of California, Berkeley, 1990  
Distinguished Scientist Award, Missouri Academy of Science, 1990  
Environmental Prize of the Institut de la Vie (with E.O. Wilson), Paris, 1990  
Ernest Calloway Award, Friends of the St. Louis Public Library, 1990  
Distinguished Service Award, National Association of Biology Teachers, 1990  
Earth Stewardship Award, K.I.D.S. Global Forest Project, Berlin, 1990  
Order of the Golden Ark (Officer), The Netherlands, 1990  
Award for Support of Science, Council of Scientific Society Presidents, 1990  
Herbert E. Gregory Medal, Bishop Museum, Honolulu, Hawai'i, 1991  
Frances K. Hutchinson Medal, Garden Club of America, 1991  
American Society of Landscape Architects, Honorary Member, 1991-  
Lamplighter Award, St. Louis Chapter of the Public Relations Society of America, 1991  
Twenty-seventh International Geographical Congress, Washington, D. C., Honorary Vice-Chairman, 1992  
German Botanical Society, Honorary Member, 1992-  
Volvo Environment Prize (with Norman Myers), 1992  
Bulgarian Botanical Society, Foreign Member, 1993-  
XV International Botanical Congress, Tokyo, Honorary Vice-President, 1993  
President's Conservation Achievement Award, The Nature Conservancy, 1993  
International Award Recipient, International Institute of St. Louis, 1994  
Founders' Council Centennial Award of Merit, The Field Museum of Natural History, Chicago, 1994  
Sword of St. Ignatius Loyola, St. Louis University, 1994  
Tyler Prize for Environmental Achievement (with Arturo Gómez-Pompa), 1994  
Chancellor's Medallion, University of Missouri-St. Louis, 1995  
St. Louis Walk of Fame, St. Louis, 1995  
Gordon Warren University Extension Land-Grant Award, University of Missouri, 1995  
The American Society of Agronomy, Honorary Member, 1995  
Honorary Grand Marshall, VP Parade, St. Louis, 1995  
Honorary Director, Herbarium, Institute of Botany, Chinese Academy of Sciences, Beijing, 1995-  
Sasakawa Environment Prize (with Canaganayagan Suriyakumaran and Norman Myers), 1995  
Liberty Hyde Bailey Medal, American Horticultural Society, 1996  
Award of Merit, American Association of Botanical Gardens and Arboreta, 1996

**Honors continued:**

Asa Gray Award, American Society of Plant Taxonomists, 1996  
Henry Shaw Medal, Missouri Botanical Garden, 1996  
Philip Hauge Abelson Prize, American Association for the Advancement of Science, 1998  
Distinguished Service to Museums Award, American Association of Museums, 1999  
The Engler Medal, in Gold, International Association of Plant Taxonomists, 1999  
Wildlife Conservation Society, Scientific Fellow, 1999-2005  
Missouri Environmental Education Association, Honorary Life Membership, 1999  
Academy of Missouri Squires, Member, 1999  
Society for Conservation Biology Distinguished Service Award, 2000  
University of California, Los Angeles 2000 Alumni Association Award in Professional Achievement, 2000  
Golden Plate Award, American Academy of Achievement, 2000  
The Association for Tropical Biology, Honorary Fellow, 2000  
Goals for Americans® Foundation's Lady Liberty™ Award for Nature and the Environment, 2000  
Peter H. Raven Award for Scientific Outreach, American Society of Plant Taxonomists, 2000  
National Medal of Science, presented by President Clinton, 2000  
Botanical Society of Georgia, Member, 2000  
Missouri Society Sons of the Revolution 1776, St. Louis Chapter, Modern Patriot Award, 2001  
2001 Wildlife Conservation Award, Cincinnati Zoo & Botanical Garden  
Garden Writers Association of America, Honorary Member, 2002  
International Cosmos Prize, Osaka, Japan, 2003  
The Gold Veitch Memorial Medal, Royal Horticultural Society, 2004  
Sibthorp Medal, Oxford University, 2004  
Danforth Award for Plant Science, Donald Danforth Plant Science Center, St. Louis, 2004  
Botanical Society of America Centennial Award, 2006  
The Honorable John C. Pritzlaff Plant Conservation Award, Santa Barbara Botanical Garden, 2007  
World Ecology Award, Whitney R. Harris World Ecology Center, University of Missouri-St. Louis, 2007  
Addison Emery Verrill Medal, Peabody Museum, Yale University, 2007  
David S. Ingalls, Jr. Award for Excellence, Cleveland Museum of Natural History, 2007  
J. Sterling Morton Award, Arbor Day Foundation, 2008  
Award of Excellence in Conservation, Botanical Research Institute of Texas, 2008  
BBVA Foundation Award for Scientific Research in Ecology and Conservation, 2008  
Green Champion Award, San Francisco Botanical Garden Society, 2008  
Lifetime Achievement Award, National Council for Science and the Environment, 2008  
Scott Medal and Award, The Scott Arboretum of Swarthmore College, 2009  
Center for Plant Conservation, Star Award, 2009  
Better Earth Award, Brooklyn Botanic Garden, 2009  
Honorary Life Member, American Public Gardens Association, 2009  
Honorary Member, American Society of Horticultural Science, 2009

**Officer of the Following Societies:**

California Botanical Society, Vice-President, 1968-69  
American Society of Plant Taxonomists, President, 1972  
Botanical Society of America, President, 1975  
Society for the Study of Evolution, President, 1978  
Association of Systematics Collections, President, 1980-82  
American Society of Naturalists, President, 1983  
American Institute of Biological Sciences, President, 1983-84  
Organization for Tropical Studies, Board of Directors, 1981-91: Treasurer, 1981-84; Vice President for Development, 1984-85; President, 1985-88; and Past President, 1988-90  
International Organization of Plant Biosystematists, Vice President (President-Elect) 1989-92; President, 1992-95  
American Association for the Advancement of Science, President-Elect 2000-2001; President 2001-2002; Chairman of Board 2002-2003  
Sigma Xi, The Scientific Research Society, President-Elect 2002-2003; President 2003-2004; Vice President, 2004-2005

**Board Memberships:**

Tower Grove Park, St. Louis, Commissioner 1971-  
Academy of Science of St. Louis, Trustee, 1986-  
John Simon Guggenheim Memorial Foundation, Educational Advisory Board, 1986-  
World Agricultural Forum, St. Louis, Board of Directors, 1997-  
World Resources Institute, Council Member, 1992-95; Global Council, 1995-2000; Board of Directors, 1998-2007  
Donald Danforth Plant Science Center, St. Louis, Board of Directors, 1998-  
National Geographic Society, Trustee, 2008-

**Current Committees:**

Commission for Flora Neotropica, Member, 1985-  
American Council for the United Nations University, 1987-  
Conservation International, Scientific Advisory Committee, 1988- ; Chairman's Council, 1989-  
The Winslow Foundation, Advisory Board, 1993-  
U.S. Civilian Research and Development Foundation for the Independent States of the Former Soviet Union, Chairman, 1995-97; Board Chair Emeritus 1997- ; Advisory Council, 1997-2012  
Instituto Nacional de Biodiversidad (INBio), International Advisory Board, 1997-  
Corps of Recovery, American Rivers, Board Member, 1998-  
Guggenheim Foundation, Committee of Selection, 1999-  
The Marie Selby Botanical Gardens, Advisory Council, 2000-  
Botanic Gardens Conservation International, Trustee, 2000-2007; Chairman of International Advisory Council, 2003-2007; member, 2007-  
Red Latinoamericana de Botánica, External Advisory Committee, 2000-

**Current Committees continued:**

Discover Life in America, Science Advisory Panel, 2000-  
Academy of Natural Sciences, Philadelphia, Science Advisor, 2000-  
Global Taxonomy Initiative (GTI) Coordination Mechanism, Member, 2000-  
National Parks Science Committee, National Park System Advisory Board, 2001-2012  
Ashoka Trust for Research in Ecology and the Environment, Member, Advisory Board, 2001-2007  
Houston Advanced Research Center Advisory Board, Member, 2002-  
MORPHOBANK, Advisory Committee, Member, 2002-  
Monteverde Conservation League-U.S., Member, 2002-  
Earth Institute Advisory Board, Columbia University, Member, 2002-  
Millennium Advisory Board, Millennium Project, United Nations, Member, 2002-  
South China Botanical Garden Innovation Project, Chinese Academy of Sciences,  
Chief Advisor, 2002-  
Botanic Gardens Conservation International, Chair of International Council, 2003-  
American Friends of the Royal Society, 2003-  
Academic Committee of Laboratory of Systematic and Evolutionary Botany, Institute of Botany,  
Chinese Academy of Sciences, Beijing, Member, 2003-  
DIVERSITAS, Advisory Board, Member, 2003-  
Washington University Center for the Study of Human Values, Executive Committee, Member,  
2003-  
Island Conservation Advisory Board, Member, 2004-  
Global Footprint Network, Science and Policy Advisory Council, Member, 2004-  
Quarryhill Botanical Garden, Glen Ellen, California, Advisory Committee, Member, 2004-  
Goulandris Natural History Museum, Academic Committee, Member, 2004-  
National Parks Science Committee of the National Park System Advisory Board, 2006-2010  
SavingSpecies.org, Advisory Board, 2007-  
Scientist-Evangelical Initiative to Protect the Creation, Steering Committee, 2007-  
Population Reference Bureau President's Council, 2007-  
Academia Sinica, Taipei, Research Center for Biodiversity, Advisory Committee, 2007-  
International Steering Committee, State Key Laboratory of Systematic and Evolutionary Botany,  
Chinese Academy of Sciences, 2007-  
NRC Committee on America's Climate Choices, 2008-2009

**Past Committees:**

Flora North America, Program Director, 1966-71; Chairman of the Council, 1976-79  
U.S. Committee for I.U.B.S., Delegate to General Assembly, 1973; Secretary, 1975-76  
National Science Foundation Systematic Biology Panel, 1973-76  
Harvard University, Arnold Arboretum Visiting Committee, 1974-81; Chairman, 1976-81  
OPTIMA (Organization for the Phyto-Taxonomic Investigation of the Mediterranean Area),  
Council, 1975-89  
National Tropical Botanical Garden, Scientific Advisory Board, 1975-94  
University of Pennsylvania, Board of Overseers, Morris Arboretum, Associate Trustee, 1977-81

**Past Committees continued:**

National Research Council, Committee on Research Priorities in Tropical Biology, Chairman, 1977-79  
National Museum Services Board, 1977-88; Chairman, 1984-88  
Committee on Scientific Exchange with the People's Republic of China, Botanical Society of America, Chairman, 1978-84  
National Research Council, Assembly of Life Sciences, 1979-81  
American Academy of Arts and Sciences, Committee on Membership, 1980-82  
National Research Council, Committee on Selected Research Problems in the Humid Tropics, 1980-82  
American Association of Museums, Executive Committee, 1980-83  
National Research Council, Commission on International Relations, 1981-82  
Commission on Museums for a New Century, 1981-84  
Association for Tropical Biology, Board Member, 1981-85  
Committee on Scholarly Communication with the People's Republic of China, Science and Engineering Panel, 1981-85  
International Association for Plant Taxonomy, Council, 1981-99  
Harvard University, Committee to Visit the Department of Organismic and Evolutionary Biology, Chairman, 1982-84; Member, 1984-85  
National Geographic Society, Committee for Research and Exploration, 1982-1999  
National Research Council, Governing Board, 1983-86, 1987-88  
University of California, Berkeley, Miller Institute for Basic Research in Science, Advisory Board, 1983-89  
World Wildlife Fund-U.S., Board of Directors, 1983-88; Conservation Foundation, Board of Directors, 1985-88  
IUCN/WWF Plants Advisory Group, Chairman, 1984-87; Honorary Chairman, 1987-90  
National Academy of Sciences Committee on Human Rights, 1984-87  
NSF Advisory Committee for Biological, Behavioral, and Social Sciences, Chairman, 1984-90  
Federal Council on the Arts and Humanities, 1985-88  
St. Louis Area Museums Collaborative, Chairman, 1985-91  
National Research Council, Committee on Research Opportunities in Biology, Chairman, 1985-88  
Board of Curators, University of Missouri, Member, 1985-90  
Smithsonian Council, Member, 1985-90  
Research Associate in Botany, Bernice P. Bishop Museum, 1985-1996  
Philippine Flora Advisory Committee, 1988-97  
World Wildlife Fund and Conservation Foundation, National Council, 1989-94; 1995-98; 1998-2001  
Chairman, Report Review Committee, National Research Council, 1989-2000  
The International St. Francis Prize for the Environment, Jury, 1990-93  
National Science Board, Member, 1990-94  
Institute for Biospheric Studies, Yale University, External Advisory Board, 1992-93  
Yale University Committee on the Peabody Museum, External Advisory Board, 1992-94  
Foundation Flora Malesiana Board Member, 1992-95

**Past Committees continued:**

National Research Council Committee on the National Biological Survey, Chairman, 1993  
Baker Council, Iowa State University, Des Moines, Member, 1993-2001  
International Science Foundation for the Former Soviet Union, Executive Board, 1992-95  
Science Service, Trustee, 1993-96  
The Round Table, St. Louis, Executive Committee, 1993-98  
Advisory Committee to the Biodiversity Committee of the Chinese Academy of Sciences, 1993-1999  
Bishop Museum Board of Directors, Member, 1993-1999  
U.S. MAB Commission, Member, 1994-95  
President's Committee of Advisors on Science and Technology, Member, 1994-2000  
Committee on Scholarly Communication with China, Vice Chairman, 1995-1998  
Founding Member, Academia Cosmosana, Osaka, Japan, 1995-2002  
Annual Reviews, 1996-1999  
Committee of Experts for the Blasker Award for Environmental Science and Engineering, An Endowment of the San Diego Community Foundation, Member, 1997-2001  
Biodiversity Working Group, China Environment Program, CCICED, 1997-1999  
U.S. Civilian Research and Development Foundation for the Independent States of the Former Soviet Union, Chairman, Board of Directors, 1997-1999; Advisory Council, Member, 2002-2006  
John Burroughs School, St. Louis, Board of Trustees, 1997-2001  
Bernice P. Bishop Museum, Distinguished Associate in Science, 1997-2006  
Global Environment Facility, Senior Advisor to the GEF and its Chairman, 1998-2001  
World Resources Institute, Board Member, 1998-2007  
American Association for the Advancement of Science Committee on Nominations, 1998-2000  
James S. McDonnell Foundation, Complex Systems Program, Chairman, 1999-2007  
Bernice P. Bishop Museum Board of Governors, Member, 2000-2003  
Division of Earth and Life Studies, U.S. National Research Council, Chairman of Advisory Committee, 2000-2007  
Millennium Ecosystem Assessment Board, Advisory Group, 2000-2002  
Science and Technology Advisory Group, China, 2000-2002  
Smithsonian Science Commission, Member, 2001-2003  
U.S.-Mexico Foundation for Science, Member, Board of Governors, 2001-2005  
Board of North American Section, Society for Conservation Biology, 2002-2006  
Presidium of the World Science Forum, Foreign President, 2002-2003  
The Presidents' Circle, National Academies of Science, Member, 2002-2007  
National Agricultural Research, Extension, Education, and Economics Advisory Board, U.S. Department of Agriculture, Member, 2001-2003  
President's Committee on the National Medal of Science, Member, 2003-2006

**Editorial:**

Editor-in-Chief, Brittonia, 1963-66  
Editorial Board, Flora Neotropica, 1965-84  
Editorial Board, Memoirs of The New York Botanical Garden, 1966-84

**Editorial continued:**

North American Flora, The New York Botanical Garden, 1966-84  
American Naturalist, 1967-70  
Annual Review of Ecology and Systematics, 1971-75  
Evolution, 1963-65, 1976-79  
Flora of Ecuador, Göteborg, 1974-  
Evolutionary Theory, 1975-  
Editorial Board, Adansonia, Paris, 1976-  
Journal of Biogeography, 1978-2004  
Science, 1979-82  
Proceedings of U.S. National Academy of Sciences, 1980-87  
Advisory Board, Applied Botany Abstracts, Lucknow, 1981-  
Advisory Board, Tropical Plant Science Research, 1982-  
Science Year Editorial Advisory Board, World Book Inc., 1982-86  
Editorial Board, Bothalia, Pretoria, 1985-  
Editorial Advisory Committee, Darwiniana, Buenos Aires, 1985-  
Editorial Board of Directors, Diversity, 1985-90  
International Editorial Committee, Acta Botánica Mexicana, 1987-  
Editorial Board, Botanical Bulletin of Academia Sinica, Taipei, 1988-99  
Editorial Board, Botanical Magazine, Tokyo, 1988-92  
Editorial Advisor, Plants Today, 1988-89  
Editorial Board, Ecological Applications, 1989-92  
Editorial Board, Serie Botánica de los Anales del Instituto de Biología, UNAM, 1989-  
Editorial Board, Société de Biogéographie, 1990-  
Editorial Advisory Board, Rheedeia, 1990-  
Honorary Editor, Annals of the Laboratory of Plant Chromosomes and Gene Stock, 1990-  
Editorial Board, Encyclopedia of Environmental Biology, 1991-  
Editorial Board, Chinese Journal of Botany, 1991-  
Editorial Advisory Board, Quarterly Journal, Proceedings, National Academy of Sciences, India,  
Section B (Biological Sciences), 1992-  
Associate Editor, Editorial Board, Botanica Acta, 1993-98  
Editorial Board, Edinburgh Journal of Botany, 1994-99  
International Editorial Advisory Board, Candollea, 1995-  
Board of Advisory Editors, The Encyclopedia of Global Change, 1995-97  
Editorial Advisory Board, Center for Ecological Research, Kyoto University, Japan, 1996-  
Editorial Advisory Board, World Science and Technology Research and Development Journal,  
China, 1996-1999  
Editorial Advisory Board, Adirondack Explorer, 1997-  
Editorial Advisory Board, Encyclopedia of Biodiversity, 1997-2001  
Editorial Board, Ecofables/Ecoscience, 1997-  
Editorial Board, Acta Botanica Sinica, 1998-  
Editorial Committee, Kurtziana, Universidad Nacional de Córdoba, Argentina  
International Advisory Board, Botanical Bulletin of Academia Sinica, Taipei, later Botanical  
Studies, 2000-2010

**Editorial continued:**

International Advisory Board, Kew Bulletin, 2003-  
Editorial Board, Science and Society, 2004-2007  
Advisory Board, Sustainability Science: Practice & Policy, Bethesda, MD, 2004-  
Royal Society Editorial Board of Transactions of the Royal Society B, 2007-2009  
Conselho Editorial, Acta Botanica Brasilica, 2007-2008  
Journal of Systematics and Evolution, Beijing, 2009-2013  
Advisory Board, Acta Ecologica Sinica (International Journal), 2009-

**Member of the Following Additional Societies:**

Association of Pacific Systematists  
Association of Science Museum Directors  
Association pour l'Etude Taxonomique de la Flore d'Afrique Tropicale  
Ecological Society of America (life)  
Geological Society of America  
Missouri Academy of Sciences  
Sigma Xi Society (life)  
Sociedad Botánica de México (life)  
Société de Biogéographie  
Society for Conservation Biology  
Society of Systematic Zoology  
Sierra Club (life)  
The Nature Conservancy (life)  
Sociedad Cubana de Geografía (Socio de Mérito)

**Books:**

*Native Shrubs of Southern California*. University of California Press, Berkeley and Los Angeles. 132 pp. 1966.  
*Flora of the Santa Monica Mountains, California*. University of California, Los Angeles (mimeographed). 185 pp. (with H. J. Thompson). 1966; 2<sup>nd</sup> Edition. Southern California Botanists, Special Publ. 2, 181 pp. (with H. J. Thompson and B. A. Prigge). 1986.  
*Papers on Evolution*. Little, Brown & Co., Boston. xii + 564 pp. (with P. R. Ehrlich and R. W. Holm). 1969.  
*Biology of Plants*. Worth Publishers, Inc., New York. xi + 706 pp. (with H. Curtis). 1970; 2<sup>nd</sup> Edition. (with R. Evert and H. Curtis). 1976; 3<sup>rd</sup> Edition. 1981; 4<sup>th</sup> Edition. (with R. Evert and S. E. Eichhorn). 1986; (Italian, Spanish, Portuguese, and German editions also published.). 5<sup>th</sup> Edition. 1992; 6<sup>th</sup> Edition. W. H. Freeman and Company/Worth Publishers, 1998.  
*Principles of Tzeltal Plant Classification. An Introduction to the Botanical Ethnography of a Mayan-Speaking People of Highland Chiapas*. Academic Press, New York and London. xxii + 660 pp. (with B. Berlin and D. E. Breedlove). 1974.

**Books continued:**

- Coevolution of Animals and Plants*. University of Texas Press, Austin and London. xiii + 246 pp. Gilbert, L. E. and P. H. Raven (eds.). 1975. Revised Edition, 1981.
- The Genus Epilobium (Onagraceae) in Australasia: A Systematic and Evolutionary Study*. New Zealand Department of Scientific and Industrial Research Bulletin 216. 321 pp. (with T. E. Raven). 1976.
- Topics in Plant Population Biology*. Columbia Univ. Press, New York. xvii + 589 pp. Solbrig, O. T., S. Jain, G. B. Johnson, and P. H. Raven (eds.). 1979.
- Advances in Legume Systematics*. Royal Botanic Gardens, Kew. 1-1049. (2 vols.) R. M. Polhill and P. H. Raven (eds.). 1981.
- Ecological Aspects of Development in the Humid Tropics*. National Academy Press, Washington, D.C. ix + 297 pp. Also summary and recommendations, vi + 52 pp. (with six co-authors, Committee on Selected Biological Problems in the Humid Tropics). 1982.
- Biogeography of the Tropical Pacific*. Proceedings of a Symposium. Assoc. Syst. Collections and the Bernice P. Bishop Mus. as Bishop Mus. Special Publ. No. 72. 221 pp. Radovsky, F. J., P. H. Raven, and S. H. Sohmer (eds.). 1984.
- Research Priorities in Tropical Biology*. U.S. National Academy of Sciences, Washington, D.C. xii, 116 pp. (Editor and Chairman, Committee on Research Priorities in Tropical Biology). 1986.
- Biology*. C. V. Mosby Publishers, St. Louis. xxx + 1198 pp. (with G. B. Johnson). 1986; 2<sup>nd</sup> Edition. 1989; 3<sup>rd</sup> Edition. 1992; 4<sup>th</sup> Edition. Wm. C. Brown. 1996; 6<sup>th</sup> Edition. McGraw-Hill, 2002. 7<sup>th</sup> Edition. McGraw-Hill. 2005 (released January 2004).
- Modern Aspects of Species*. Univ. Tokyo Press, Tokyo. 240 pp. Iwatsuki, K., P. H. Raven, and W. J. Bock (eds.). 1986.
- Understanding Biology*. C. V. Mosby Publishers, St. Louis. xxx + 799 pp. (with G. Johnson). 1988; 2<sup>nd</sup> Edition. 1991; 3<sup>rd</sup> Edition. Wm. C. Brown. 1995.
- Origins and Extinctions*. (edited with D. E. Osterbrock) xii + 121 pp. Also Forward, pp. ix-xii (with D. E. Osterbrock). Yale University Press, New Haven and London. 1988.
- Environment*. Saunders College Publishing, Pennsylvania. v + 569 pp. (with L. Berg and G. Johnson). 1993; 1995 Version. 1995; 2<sup>nd</sup> Edition. 1997; 3<sup>rd</sup> Edition (w. L. Berg). John Wiley & Sons, Inc. 2001; 4/E Edition. 2004 (released in 2003). 5/E Edition 2006. 6/E edition, 2008.
- Flora of China. Verbenaceae through Solanaceae. Vol. 17*. Science Press (Beijing) and Missouri Botanical Garden (St. Louis). 378 pp. Wu Zheng-yi and P. H. Raven, Co-chairs of the Editorial Committee. 1994; *Gentianaceae through Boraginaceae. Vol. 16*. 479 pp. 1995; *Myrsinaceae through Loganiaceae. Vol. 15*. 387 pp. 1996; *Scrophulariaceae through Gesneriaceae. Vol. 18*. 449 pp. 1998.
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