

*CURRICULUM VITAE*  
**H. BRUCE RINKER, PH.D.**

PRESENT POSITION: Director of Scientific Advancement and Development  
Biodiversity Research Institute  
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Roanoke, VA 24014  
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MEMBER: National Fellow of The Explorers Club (elected March 1998)  
Switzer Environmental Fellow (elected May 2000)  
Fellow of the New York Academy of Sciences (elected September 2002)  
Member of Sigma Xi (elected 2005)

EDUCATION: Virginia Polytechnic Institute and State University (Blacksburg, VA)  
B.S., Forestry and Wildlife Resources, June 1979; Cooperative Education Program  
with U.S. Fish and Wildlife Service

Antioch University Graduate School (Keene, NH)  
Ph.D., Environmental Studies, defense March 2004, graduation May 2004,  
deposit June 2004

DISSERTATION SYNOPSIS:

*The Effects of Canopy Herbivory on Soil Microarthropods in a Tropical Rainforest*

Funded by the National Science Foundation, the New Hampshire Charitable Foundations 2000 Switzer Environmental Fellowship, the Marie Selby Botanical Gardens, and several private grants, my dissertation research investigated the effects of canopy herbivory on soil microarthropods in the tropical rainforests of eastern Puerto Rico. Specifically, the project attempted to establish quantifiable links between arthropod activity above- and below-ground via manipulations of frassfall, greenfall, and throughfall. Litter samples were analyzed for springtails, mites, pseudoscorpions, and other mesofauna. My study had two hypotheses: herbivore-derived inputs from canopy to forest floor influence decomposition processes, and the timing of inputs and subsequent floor responses vary between temperate and tropical forests. Colleagues from the University of Georgia recently concluded a parallel project in the western mountains of North Carolina. As a consequence of this work, I am committed to understanding the temporal/spatial connections between canopies and soils as an important step toward long-term conservation of temperate and tropical forest resources.

HONORS:

- 2010-Present Science Advisor for Naturalia.org, a non-profit headquartered in Mexico City that promotes conservation of endangered ecosystems and species throughout Mexico
- 2010-Present Science Advisor for Sustenta.com, a leading environmental marketing and communications company headquartered in Mexico City that emphasizes sustainability and “green living”
- 2009 Nominated for the “Eugene P. Odum Education Award” from the Ecological Society of America
- 2009 Selection for “The Green 100”: *Creative Loafing*’s choices for the 100 people, places, and businesses leading the way toward a greener Tampa Bay, FL;  
<http://blogs.creativeloafing.com/dailyloaf/2009/04/14/green-100-who-will-be-the-final-five/>
- 2009 Certificates of Excellence, Public Education and Land Acquisition Categories, Tampa Bay Regional Planning Council (on behalf of the Environmental Lands Division, Pinellas County, FL)
- 2009 Recognition in the *Congressional Record* “Extensions of Remarks,” 21 January 2009, pp. E111-E112, by the Honorable C.W. Bill Young in Florida’s House of Representatives; see [http://www.house.gov/young/speeches/environmental\\_lands.pdf](http://www.house.gov/young/speeches/environmental_lands.pdf).
- 2008 American Trails Association “Trails and the Arts” Award – First Place (on behalf of the Environmental Lands Division, Pinellas County, FL)
- 2008 National Association of Counties “Acts of Caring” Award – First Place (on behalf of the Environmental Lands Division, Pinellas County, FL)
- 2008 Tampa Bay Regional Planning Council “Future of the Region” Awards – First Place, Community Service; First Place, Environment; Honorable Mention, Environment, Honorable Mention, Public Education (on behalf of the Environmental Lands Division, Pinellas County, FL)
- 2005-Present Member of Sigma Xi (Scientific Research Society)
- 2004-Present Associate, Center for Tropical Ecology & Conservation, Antioch University Graduate School (NH)
- 2004 Environmental Education Award, County of Sarasota (FL)
- 2004-Present Research Associate, New College (FL)
- 2004-Present Research Associate, TREE Foundation (FL)
- 2003 “Best of the Suncoast 2003,” Weekly Planet Magazine, 22-28 October issue
- 2002-Present Fellow of the New York Academy of Sciences (NY)
- 2002 Who’s Who in America
- 2001-Present Member of the Research Review Board for the Amazon Conservatory for Tropical Studies (ACTS), Iquitos, Peru
- 2000-Present Switzer Environmental Fellow, Robert and Patricia Switzer Foundation (NH)
- 2000 Who’s Who among America’s Teachers
- 1999-2000 Research Associate, Marie Selby Botanical Gardens (FL)
- 1998-Present National Fellow of the Explorers Club (NY)
- 1997 Outstanding Biology Teacher, National Association of Biology Teachers
- 1996-2000 Garnjost Chair in Science and Mathematics, Millbrook School (NY)
- 1996 “Best of the Hudson Valley,” Hudson Valley Magazine
- 1991 Outstanding Science Teacher, Science Teachers Association of New York State
- 1979 Most Valuable Member, The Wildlife Society, VA TECH Chapter

FIELD EXPERIENCE (1=INVESTIGATOR FOR RESEARCH; 2=LEADER FOR ECO-TOURISM):

- 2011 Amazon Conservatory for Tropical Studies, Iquitos, Peru and Cordillera de Los Andes, Cusco, Peru (June/July 2011)(1)(2)
- 2010 Teotihuacán Archaeological Site, México City, México (August 2010)(2)
- 2010 Amazon Conservatory for Tropical Studies, Iquitos, Peru and Cordillera de Los Andes, Cusco, Peru (June/July 2010)(1)(2)

2008 Amazon Conservatory for Tropical Studies, Iquitos, Peru (June 2008)(1)(2)

2007 Amazon Conservatory for Tropical Studies, Iquitos, Peru (June 2007)(1)(2)

2004 Myakka River State Park (Spring/Summer)(1)(2)

2003 Myakka River State Park (Spring/Summer)(1)  
Charles Darwin Research Station, Galápagos National Park, Ecuador (July)(2)  
Cordillera de Los Andes, Quito, Ecuador (July/August)(2)

2002 Luquillo Experimental Forest, Luquillo, Puerto Rico (January, March, and April)(1)  
Holguín, Baracoa, and Pinar del Rio, Cuba (April)(2)  
Myakka River State Park, Sarasota, FL (Spring/Summer)(1)  
Australian Canopy Crane Research Facility, Cairns, Australia (June/July)(1)  
Wind River Canopy Crane, Carson, WA (September)(1)

2001 Myakka River State Park, Sarasota, FL (Winter/Spring)(1)  
Amazon Conservatory for Tropical Studies, Iquitos, Peru (July)(2)  
Cordillera de Los Andes, Cusco, Peru (July)(2)  
Luquillo Experimental Forest, Luquillo, Puerto Rico (August and September)(1)

2000 Myakka River State Park, Sarasota, FL (Fall)(1)

1999 Amazon Conservatory for Tropical Studies, Iquitos, Peru (March, July)(2)  
Cordillera de Los Andes, Cusco, Peru (March)(2)

1998 Amazon Conservatory for Tropical Studies, Iquitos, Peru (March, June)(2)  
Cordillera de Los Andes, Cusco, Peru (March)(2)

1997 Amazon Conservatory for Tropical Studies, Iquitos, Peru (March, June/July, August)(2)  
Cordillera de Los Andes, Cusco, Peru (July)(2)

1996 Rio Negro, Estado de Amazonas, Brazil (March)(2)  
Reefs and Deserts of Israel, Jordan, and Egypt (July)(1)  
Amazon Conservatory for Tropical Studies, Iquitos, Peru (August)(2)  
Dispositit de Paracou, Silvolab, French Guyane (November)(1)

1995 Rio Negro, Estado de Amazonas, Brazil (March)(2)  
Amazon Conservatory for Tropical Studies, Iquitos, Peru (August)(2)

1994 Rio Negro, Estado de Amazonas, Brazil (March)(2)

1993 Rio Negro, Estado de Amazonas, Brazil (March)(2)

1992 Labrador and Newfoundland (July/August)(2)

1991 Monteverde Reserve and La Selva, Costa Rica (March/April)(2)  
Reserve de Campo, Cameroon (November)(1)

1990 South Aulatsivik Island, Labrador (August)(1)

1988 Charles Darwin Research Station, Galápagos National Park, Ecuador (June/July)(1,2)  
El Oriente, Rio Napo, Ecuador (June/July)(2)  
Cordillera de Los Andes, Quito, Ecuador (June/July)(2)

- 1987 Charles Darwin Research Station, Galápagos National Park, Ecuador (June/July)(1,2)  
El Oriente, Rio Napo, Ecuador (June/July)(2)  
Cordillera de Los Andes, Quito, Ecuador (June/July)(2)  
Dolly Sods Wilderness Area, Monongohela National Forest, West Virginia (July)(1,2)
- 1986 Charles Darwin Research Station, Galápagos National Park, Ecuador (June)(1,2)  
El Oriente, Rio Napo, Ecuador (June/July)(2)  
Cordillera de Los Andes, Quito, Ecuador (June/July)(2)  
Dolly Sods Wilderness Area, Monongohela National Forest, West Virginia (July)(1,2)
- 1985 Charles Darwin Research Station, Galápagos National Park, Ecuador (June/July)(1,2)  
Dolly Sods Wilderness Area, Monongohela National Forest, West Virginia (July)(1,2)
- 1978 Dolly Sods Wilderness Area, Monongohela National Forest, West Virginia (July)(1,2)
- 1977 Hog Island, National Audubon Society, Damariscotta, Maine (June/July)(2)

EMPLOYMENT:

*July 2011 to Present* – Biodiversity Research Institute, Gorham, ME: Director of Scientific Advancement and Development.

*July 2009 to July 2011* – North Cross School Science Department, Roanoke, VA: Science Department Chairman; Instructor of Biology, Environmental Studies, and Tropical Ecology; Faculty Advisor for the Jane Goodall Institute’s “Roots & Shoots” Student Chapter; Member of the North Cross School Environmental Advisory Committee, Academic Policies and Procedures Committee, and Cum Laude Society; Greenhouse Manager; bi-monthly conservation columnist for *Roanoke Star-Sentinel*.

*August 2004 to July 2009* – Pinellas County Department of Environmental Management, Environmental Lands Division, Tarpon Springs, FL: Environmental Lands Division Director for Pinellas County: Supervision over a staff of 50 professional, specialized, and supervisory personnel and over 500 adult and youth volunteers engaged in the development and implementation of long-term resource management plans for nearly 16,000 acres of county-owned environmentally sensitive lands and waterways; \$3.6 million operating budget for FY07; oversight for Ecological Services, Education Services, and Public Support Services along with the Pinellas County Biological Field Station, Brooker Creek Preserve Environmental Education Center, and Weedon Island Preserve Cultural and Natural History Center; liaison with several related 501(c)3 nonprofit organizations as well as the Pinellas County Sheriff’s Office Environmental Lands Unit; development of five-year strategic plan, resource management plans, ordinances, and other guiding documents; co-creator of museum gallery exhibits and interpretive trail signage; member of the executive staff for the Department of Environmental Management.

*August 2005 to July 2009* – Eckerd College, 4200 54<sup>th</sup> Avenue South, St. Petersburg, FL 33711: Adjunct professor, “The Earth’s Biodiversity,” a semester-long elective to undergraduate students in the college’s Department of Environmental Studies.

*September 2000 to August 2004* – Marie Selby Botanical Gardens, 811 South Palm Avenue, Sarasota, FL 34236: Director of Research & Conservation, 2002-2004; Administrator, Center for Canopy Ecology, 2000 to 2004; Interim Director of Education, 2004; Member of Editorial Board for *Selbyana*; Member of Senior Management Team; Science Committee; Conservation Committee; Program Committee; supervisor for numerous student interns (graduate, undergraduate, and high-school level); general oversight for research collections.

*January 2001 to May 2004* – Ringling School of Art and Design, 2700 North Tamiami Trail, Sarasota, FL 34234-5895: Adjunct professor, “Biodiversity: Our Global Treasure,” a semester-long elective to upperclassmen through the college’s Department of Liberal Arts.

*September 1987 to June 2000* – Millbrook School, RR 1, Box 1000, School Road, Millbrook, NY 12545: Science Department Chairman, Forest Canopy Walkway Project Director, Director of Bird-Banding Research Program, Garnjost Chair in Mathematics and Science, Mentor for **SCaR** (**S**tudents **C**oncerned **a**bout **R**ainforests), Biology Instructor; Expedition Leader for numerous student research projects in Ecuador, Brazil, and Peru; principal curator of extensive natural-history collections including thousands of taxidermy, pickled, and dried specimens.

*January 1986 to January 1990* – International Student Research, Inc., 710A Bulls Neck Road, McLean, VA 22102: Co-founder and Director, Treasurer.

*June 1979 to July 1987* – The Langley School, 1411 Balls Hill Road, McLean, VA 22101: Science and Mathematics Instructor; Summer Field Program Leader.

*September 1979 to April 1987* – Resident Associate Program, Smithsonian Institution, Washington, DC: Natural History Instructor.

*September to March 1976 and 1977* – Cooperative Education/Research Program, VA TECH and Patuxent Wildlife Research Center (U.S. Fish and Wildlife Service), Laurel, MD: Research Assistant, Petroleum Pollution and Waterfowl Section, Dr. Nancy Coon, Supervisor.

#### MEMBERSHIPS:

National Fellow of the Explorers Club; Switzer Environmental Fellow; Fellow of the New York Academy of Sciences; Sigma Xi; Ecological Society of America; Society for Conservation Biology; Member of the ACTS Research Board of Directors (Amazon Conservatory for Tropical Studies, Iquitos, Peru); Member of the editorial board, *Selbyana*; Member of the editorial board for BioScience Productions, Inc.; American Institute of Biological Sciences (2007 council representative and representative to Natural Science Collections Alliance); Organization of Tropical Studies; Association for Tropical Biology; Jane Goodall Institute; ICAN (International Canopy Network); Science Advisor and Member of the Board of Directors, Children's Environmental Trust Foundation, International (1996 to 2000); Friends of Myakka River State Park; Florida Association of Museums; Xi Sigma Chi Honorary Fraternity, Virginia Tech Chapter, Blacksburg, VA; The Wildlife Society, Virginia Tech Chapter, Blacksburg, VA, elected vice-president.

#### SAMPLER OF RESEARCH GRANTS/OTHER GRANTS:

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|---------|--|
| 2011    | Eddie Bauer/The Explorers Club Expedition Grant, \$8333.00<br>“Climate Change, Environmental Contaminants, and Ecosystem Health in the Maya Forest Region of Mesoamerica”<br>Biodiversity Research Institute (Gorham, ME), Co-Investigator |
| 2008    | National Football League (NFL) Environmental Program, \$5000<br>“Alligator Lake Management Area” Restoration<br>Pinellas County (FL) Department of Environmental Management<br>Environmental Lands Division, Principal Coordinator         |
| 2003/04 | National Science Foundation, \$59,932<br>“Ecological Circuitry Collaboratory”<br>Co-Investigator   |
| 2003/04 | Triad Foundation, Inc., \$10,000<br>“International Internship Program at the Marie Selby Botanical Gardens”<br>Principal Coordinator   |
| 2003/04 | Triad Foundation, Inc., \$30,000<br>“Canopy Ecology Research – Exploring a New Botanical Frontier”   |

Principal Investigator

- 2002 Southwest Florida Water Management District, \$15,000  
“Floridostratum: A Program to Monitor the Effects of Forest Canopies on Microclimate and Water Conservation”  
Principal Investigator
- Global Canopy Programme, Oxford, U.K., \$26,178  
“Development of a novel method for assessing stand-level herbivory in forests: using the International Canopy Crane Network”  
Co-Investigator
- 2001 Sarasota Bay National Estuary Program, \$1000  
“Forest Canopy Access: Tools for Discovery and Conservation:  
Principal Investigator
- 2000 National Science Foundation, \$419,976 (written by co-investigators Margaret D. Lowman, Mark D. Hunter, and Timothy D. Schowalter)  
“Canopy Herbivory and Soil Processes in a Temperate and Tropical Forest”  
Doctoral Candidate and Data-Keeper for Grant

Additionally, awards received from numerous small, private grants for equipment, travel, conference participation, and other professional activities.

ARTICLES, BOOKS, AND REPORTS:

- 2011 Rinker, H.B. 2 June 2011. A Checklist of Little Monsters: Don't Read This If You're an Arachnophobe! *Roanoke Star-Sentinel*. <http://newsroanoke.com/?p=11606>.
- 2011 Rinker, H.B. 19 May 2011. For Those Troubled with Plenitude: The Reign of Quackery in a Modern World. *Roanoke Star-Sentinel*. <http://newsroanoke.com/?p=11393>.
- 2011 Rinker, H.B. 21 April 2011. Green Flames and Solar Salamanders: Evidence of Evolution At-Large. *Roanoke Star-Sentinel*. <http://newsroanoke.com/?p=10892>.
- 2011 Rinker, H.B. 7 April 2011. Lessons from Okuma: An Energy Strategy for 2050 and Beyond. *Roanoke Star-Sentinel*. <http://newsroanoke.com/?p=10707>.
- 2011 Rinker, H.B. 2011. For the Love of Vultures. P. 163 in *Best Nature Sites of Mid-Coast Maine* (Tony Oppersdorff and Kyrill Schabert, eds.). Waterline Books, Jefferson, Maine.
- 2011 Rinker, H.B. 2011. A Thimbleful of Humility. *Roanoke Star-Sentinel*. <http://newsroanoke.com/?p=10430>.
- 2011 Rinker, H.B. 10 March 2011. Blood in the Valley: Traditional Knowledge and a Compelling Spring Wildflower. *Roanoke Star-Sentinel*. <http://newsroanoke.com/?p=10299>.
- 2011 Rinker, H.B. 24 February 2011. “Car Talk” and “Science Speak”: The Importance of Standards for a Country Losing Ground in Scientific Leadership. *Roanoke Star-Sentinel*. <http://newsroanoke.com/?p=10145>.
- 2011 Rinker, H.B. 10 February 2011. Yes, Virginia, You Can Believe in God and Evolution. *Roanoke Star-Sentinel*. <http://newsroanoke.com/?p=9921>.

- 2011 Rinker, H.B. 27 January 2011. Blessed Unrest. *Roanoke Star-Sentinel*.  
<http://newsroanoke.com/?p=9758>.
- 2011 Rinker, H.B. 13 January 2011. Our Dirty Little Secret. *Roanoke Star-Sentinel*.  
<http://newsroanoke.com/?p=9577>.
- 2010 Crist, Eileen and H.B. Rinker (eds.). 2010. *Gaia in Turmoil: Climate Change, Biodepletion, and Earth Ethics in an Age of Crisis*. MIT Press, Cambridge, MA.
- 2010 Crist, Eileen and H.B. Rinker. 2010. One grand organic whole. Pp. 3-20 in *Gaia in Turmoil: Climate Change, Biodepletion, and Earth Ethics in an Age of Crisis* (Eileen Crist and H.B. Rinker, eds.). MIT Press, Cambridge, MA.
- 2010 Rinker, H.B. Forest systems and Gaia. 2010. Pp. 85-104 in *Gaia in Turmoil: Climate Change, Biodepletion, and Earth Ethics in an Age of Crisis* (Eileen Crist and H.B. Rinker, eds.). MIT Press, Cambridge, MA.
- 2010 Robertson, Shelley and H. Bruce Rinker. March 2010. Third-Party Evaluation of the Recovery Credit System Proof of Concept. U.S. Department of Defense Sustainable Ranges Initiative. Washington, DC. 101+ pp.  
[www.denix.osd.mil/portal/page/portal/SustainableRangeInitiative](http://www.denix.osd.mil/portal/page/portal/SustainableRangeInitiative)
- 2010 Rinker, H.B. 30 December 2010. Consider the Twelfth Night. *Roanoke Star-Sentinel*.  
<http://newsroanoke.com/?p=9387>.
- 2010 Rinker, H.B. 16 December 2010. Something Wicked This Way Comes. *Roanoke Star-Sentinel*.  
<http://newsroanoke.com/?p=9167>.
- 2010 Rinker, H.B. 2 December 2010. Darwin for Modernity. *Roanoke Star-Sentinel*.  
<http://newsroanoke.com/?p=8922>.
- 2010 Rinker, H.B. 18 November 2010. Woolly Bear Weather? *Roanoke Star-Sentinel*.  
<http://newsroanoke.com/?p=8540>.
- 2010 Rinker, H.B. 4 November 2010. The Last Straw. *Roanoke Star-Sentinel*.  
<http://newsroanoke.com/?p=8400>.
- 2010 Rinker, H.B. 21 October 2010. How to Make a Cow. *Roanoke Star-Sentinel*.  
<http://newsroanoke.com/?p=8162>.
- 2010 Rinker, H.B. 7 October 2010. An Unfortunate, Untimely Failure of Orthodoxy. *Roanoke Star-Sentinel*. <http://newsroanoke.com/?p=7945>.
- 2010 Rinker, H.B. 23 September 2010. A Cabinet of Curiosities. *Roanoke Star-Sentinel*.  
<http://newsroanoke.com/?p=7735>.
- 2010 Rinker, H.B. 9 September 2010. Bringing Mexico's Pyramids to Virginia. *Roanoke Star-Sentinel*. <http://newsroanoke.com/?p=7520>.
- 2010 Rinker, H.B. 26 August 2010. Ghoulies and Ghosties in the Roanoke Valley. *Roanoke Star-Sentinel*. <http://newsroanoke.com/?p=7310>.
- 2010 Rinker, H.B. 19 August 2010. Lunacy or Enlightenment? *Roanoke Star-Sentinel*.  
<http://newsroanoke.com/?p=7130>.

- 2010 Rinker, H.B. 12 August 2010. Wretched Bits of Being. *Roanoke Star-Sentinel*. <http://newsroanoke.com/?p=7035>.
- 2010 Rinker, H.B. 29 July 2010. A Move from Black Death to Sustainability? *Roanoke Star-Sentinel*. <http://newsroanoke.com/?p=6861>.
- 2010 Rinker, H.B. 15 July 2010. I Purify. *Roanoke Star-Sentinel*. <http://newsroanoke.com/?p=6640>.
- 2010 Rinker, H.B. 1 July 2010. A Soupçon of Poison in the Air. *Roanoke Star-Sentinel*. <http://newsroanoke.com/?p=6380>.
- 2010 Rinker, H.B. 24 June 2010. And Yet It Moves. *Roanoke Star-Sentinel*. <http://newsroanoke.com/?p=6344>.
- 2010 Rinker, H.B. 3 June 2010. Please Don't Pick That Flower! *Roanoke Star-Sentinel*. <http://newsroanoke.com/?p=6059>.
- 2010 Rinker, H.B. 20 May 2010. Who's Jack Anyway? *Roanoke Star-Sentinel*. <http://newsroanoke.com/?p=5931>.
- 2010 Rinker, H.B. 6 May 2010. The Ring of Old Silver Lightly Dropped. *Roanoke Star-Sentinel*. <http://newsroanoke.com/?p=5671>.
- 2010 Rinker, H.B. 15 April 2010. Much Ado about Time, Part II. *Roanoke Star-Sentinel*. <http://newsroanoke.com/?p=5479>.
- 2010 Rinker, H.B. 8 April 2010. Much Ado about Time, Part I. *Roanoke Star-Sentinel*. <http://newsroanoke.com/?p=5348>.
- 2010 Rinker, H.B. 25 March 2010. A Mountain of Butts and One "What If?" *Roanoke Star-Sentinel*. <http://newsroanoke.com/?p=5216>.
- 2010 Rinker, H.B. 11 March 2010. Silver Buckshot on the Orient Express: A 21<sup>st</sup> Century Solution for Conservation. *Roanoke Star-Sentinel*. <http://newsroanoke.com/?p=5116>.
- 2010 Rinker, H.B. 25 February 2010. Curious Coincidences. *Roanoke Star-Sentinel*. <http://newsroanoke.com/?p=4873>.
- 2010 Rinker, H.B. 11 February 2010. An Attitude of Wonder. *Roanoke Star-Sentinel*. <http://newsroanoke.com/?p=4703>.
- 2010 Rinker, H.B. 28 January 2010. Life's Wondrous Variety. *Roanoke Star-Sentinel*. <http://newsroanoke.com/?p=4521>.
- 2010 Rinker, H.B. 14 January 2010. Of Golfers and Our Global Crisis: Pascal's Wager Re-visited. *Roanoke Star-Sentinel*. <http://newsroanoke.com/?p=4312>.
- 2009 Rinker, H.B. 30 December 2009. What's in a Name? *Roanoke Star-Sentinel*. <http://newsroanoke.com/?p=4110>.
- 2009 Rinker, H.B. 17 December 2009. Would You Kiss A Skeptic Under Your Mistletoe? *Roanoke Star-Sentinel*. <http://newsroanoke.com/?p=3991>.
- 2009 Rinker, H.B. 3 December 2009. What's so Special about 32? *Roanoke Star-Sentinel*. <http://newsroanoke.com/?p=3794>.

- 2009 Rinker, H.B. 19 November 2009. Good to Eat, Wholesome to Digest. *Roanoke Star-Sentinel*. <http://newsroanoke.com/?p=3542>.
- 2009 Rinker, H.B. 5 November 2009. Sugar Factories are Shutting Down! *Roanoke Star-Sentinel*. <http://newsroanoke.com/?p=3418>.
- 2009 Rinker, H.B. 22 October 2009. Triumph of the Undead. *Roanoke Star-Sentinel*. <http://newsroanoke.com/?p=3201>.
- 2009 Rinker, H.B. 8 October 2009. Hippos in Tinker Creek. *Roanoke Star-Sentinel*. <http://newsroanoke.com/?p=2978>.
- 2008 Rinker, H.B. The gift of giving ... with a tropical twist. *The Pen: Pinellas County Newsletter* 36(10): 6.
- 2006 Rinker, H.B., M.D. Lowman, D.C. Shaw, and K.A. Ernest. 2006. Development of a novel method for assessing stand-level herbivory in forests. *What's Up? The Newsletter of the International Canopy Network* 12(2): 4-5.
- 2006 Shaw, D.C., K.A. Ernest, H.B. Rinker, and M.D. Lowman. 2006. Stand-level herbivory in an old-growth conifer forest canopy. *Western North American Naturalist* 66(4): 473-481.
- 2004 Rinker, H. Bruce. 2004. *The Effects of Canopy Herbivory on Soil Microarthropods in a Tropical Rainforest*. Ph.D. Dissertation. Antioch University Graduate School, Keene, NH.
- 2004 Lowman, M.D. and H.B. Rinker (eds.). 2004. *Forest Canopies* (2<sup>nd</sup> edition). Elsevier/Academic Press, San Diego, CA.
- 2004 Nadkarni, N.M., G.G. Parker, H.B. Rinker, and D.M. Jarzen. 2004. The nature of forest canopies. Pp. 3-23 in *Forest Canopies* (2<sup>nd</sup> edition; M.D. Lowman and H.B. Rinker, eds.). Elsevier/Academic Press, San Diego, CA.
- 2004 Rinker, H.B. 2004. Verticality and habitat analysis: MacArthur and Wilson's biogeography theory revisited. Pp. 17-18 in *Forest Canopies* (2<sup>nd</sup> edition; M.D. Lowman and H.B. Rinker, eds.). Elsevier/Academic Press, San Diego, CA.
- 2004 Rinker, H.B. 2004. Vertical stratification among neotropical migrants. Pp. 92-93 in *Forest Canopies* (2<sup>nd</sup> edition; M.D. Lowman and H.B. Rinker, eds.). Elsevier/Academic Press, San Diego, CA.
- 2004 Rinker, H.B. 2004. Soil microarthropods: Belowground fauna that sustain forest systems. Pp. 242-250 in *Forest Canopies* (2<sup>nd</sup> edition; M.D. Lowman and H.B. Rinker, eds.). Elsevier/Academic Press, San Diego, CA.
- 2004 Rinker, H.B. and M.D. Lowman. 2004. Insect herbivory in tropical forests. Pp. 359-386 in *Forest Canopies* (2<sup>nd</sup> edition; M.D. Lowman and H.B. Rinker, eds.). Elsevier/Academic Press, San Diego, CA.
- 2004 Rinker, H.B. and D.M. Jarzen. 2004. The reintegration of wonder into the emerging science of canopy ecology. Pp. 486-500 in *Forest Canopies* (2<sup>nd</sup> edition; M.D. Lowman and H.B. Rinker, eds.). Elsevier/Academic Press, San Diego, CA.
- 2004 Rinker, H.B. 2004. An inordinate fondness for beetles. *Tropical News* 2 (2): 3.
- 2004 Rinker, H.B. 2004. Book review – Orchid fever: A horticultural tale of love, lust, and lunacy. *Selbyana* 25(1): 176-177.

- 2004 Rinker, H.B. 2004. Forest Canopy. *Encyclopedia of Appalachia*. East Tennessee State University, Johnson City, TN.
- 2003 Rinker, H.B. 6 November 2003. A forest watered by tears: The plight of native peoples in Amazonia. *Pelican Press* 34(15): 10A-11A.
- 2003 Rinker, H.B. 17 August 2003. Walking in Darwin's footsteps. *Sarasota Herald-Tribune*, Arts & Travel Section.
- 2002 Lowman, M.D., M.D. Hunter, H.B. Rinker, T.D. Schowalter, and S.J. Fonte. 2002. Canopy walkways – Highways in the sky. *The Global Canopy Handbook: Techniques of Access and Study in the Forest Roof*. Global Canopy Programme, Oxford, UK.
- 2002 Rinker, H.B. February 2002. The weight of a petal: the value of botanical gardens. [www.actionbioscience.org/environment/rinker.html](http://www.actionbioscience.org/environment/rinker.html).
- 2002 Rinker, H.B. 2002. Selby scientists explore adding Cuba to Gardens' Caribbean Initiative. *Tropical Dispatch* 29(2): 8.
- 2002 Rinker, H.B. 2002. What is biodiversity? On-line document for a series on the Selby website: [http://www.selby.org/index.php?src=gendocs&link=cano\\_biodiversity&category=Research](http://www.selby.org/index.php?src=gendocs&link=cano_biodiversity&category=Research).
- 2002 Rinker, H.B. 2002. What is entomology? On-line document for a series on the Selby website: [http://www.selby.org/index.php?src=gendocs&link=cano\\_entomology&category=Research](http://www.selby.org/index.php?src=gendocs&link=cano_entomology&category=Research).
- 2001 Rinker, H.B. (ed.). 2001. Canopy forum. *Selbyana* 22(2): 232-238.
- 2001 Rinker, H.B. 2001. The use of a forest canopy walkway for studying habitat selection by neotropical migrants. *Selbyana* 22(1): 89-96.
- 2001 Rinker, H.B. May/June 2001. Halfway between heaven and earth: bird conservation in the treetops. *Bird Watcher's Digest* 23(5): 60-64.
- 2001 Lowman, M.D., H.B. Rinker, M.D. Hunter, T.D. Schowalter, and S.J. Fonte. 2001. Canopy herbivory and soil processes in temperate and tropical forests. P. 433 in *Tropical Ecosystems* (K.N. Gaenshaiah, R. Uma Shaanker, and K.S. Bawa, eds.). International Conference on Tropical Ecosystems: Structure, Diversity, and Human Welfare, Bangalore, India.
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- 2000 Rinker, H.B. and Barry Walsh. 2000. What is conservation? On-line document for a series on the Selby website: [http://www.selby.org/index.php?src=gendocs&link=cano\\_conservation&category=Research](http://www.selby.org/index.php?src=gendocs&link=cano_conservation&category=Research).
- 2000 Rinker, H.B. 2000. What is photosynthesis ... and why is it important to you? On-line document for a series on the Selby website: [http://www.selby.org/index.php?src=gendocs&link=cano\\_photosyn&category=Research](http://www.selby.org/index.php?src=gendocs&link=cano_photosyn&category=Research).
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- 2000 Rinker, H.B. 2000. What is an epiphyte? On-line document for a series on the Selby website: [http://www.selby.org/index.php?src=gendocs&link=cano\\_epiphyte&category=Research](http://www.selby.org/index.php?src=gendocs&link=cano_epiphyte&category=Research).
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- 1995 Rinker, H.B., M.D. Lowman, and M.W. Moffett. 1995. Africa from the treetops. *American Biology Teacher* 57: 393-401.
- 1994 Rinker, H.B. 1994. The rainforest canopy: a frontier of exploration for high school students. *Selbyana* 15: A25.
- 1993 Lowman, M.D., M.W. Moffett, and H.B. Rinker. 1993. A technique for taxonomic and ecological sampling in rainforest canopies. *Selbyana* 14: 75-79.
- 1993 Lowman, M.D. and H.B. Rinker. 1993. A degree of excellence in biology teaching. *Bird Watcher's Digest*, May/June: 110-113.
- 1992 Lowman, M.D., M.W. Moffett, and H.B. Rinker. 1992. "Insect sampling in forest canopies: a new method" in *Biologie d'une Canopée de Forêt Équatoriale II* (Francis Hallé and Olivier Pascal, eds.), Institut Botanique, Montpellier, France. Pp. 41-44.
- 1988 Rinker, H.B. July 1988. "Report on collection of sea urchins in Academy Bay, Puerto Ayora, Galápagos after the 1988 oil spill." Charles Darwin Research Station, Puerto Ayora, Galápagos, Ecuador.
- 1987 Rinker, H.B. June 1987. "Report on various studies including ani census, avian pox, nest census of the dark-rumped petrel, and *Cinchona* eradication." Charles Darwin Research Station, Puerto Ayora, Galápagos, Ecuador.
- 1986 Rinker, H.B. June 1986. "Report on water chemistry throughout the Galápagos archipelago." Charles Darwin Research Station, Puerto Ayora, Galápagos, Ecuador.
- 1979 Rinker, H.B. May 1979. "Mammalian teeth: A way of adaptation." Wildlife Extension Program, Virginia Tech, Blacksburg, VA and the U.S. Fish and Wildlife Service, Washington, DC.
- 1977 Rinker, H.B. March 1977. "Deleterious effects of crude oil and the dispersant COREXIT 7664 on mallard ducklings (*Anas platyrhynchos*)." College of Forestry and Wildlife Resources, Virginia Tech, Blacksburg, VA and Patuxent Wildlife Research Center, Laurel, MD.

#### COLLABORATIONS:

Mark Baker (Ecotour Expeditions)  
 Eileen Crist (VA TECH)  
 Jim Cronk (Children's Environmental Trust Foundation)  
 Julie Ivker Dubin (Global Explorers)  
 Luly Duke (Fundacion Amistad)  
 Kristina Ernest (Central Washington University)  
 Nathan Erwin (Smithsonian Institution, National Museum of Natural History)  
 Steven J. Fonte (Oregon State University)  
 Robin Foster (Field Museum of Chicago)  
 Giraldo Alayón García (National Museum of Natural History, Havana, Cuba)

Frances Gatz (Environmental Expeditions)  
Jane Goodall (Jane Goodall Institute)  
Melissa M. Grigione (Pace University)  
Francis Hallé (University of Montpellier, France)  
Mark D. Hunter (University of Georgia)  
David M. Jarzen (University of Florida)  
Beth Kaplan (Antioch University Graduate School)  
Santiago Lobeira (Sustenta.com, México City, México)  
Margaret D. Lowman (New College of Florida)  
Thomas E. Lovejoy (Heinz Center for Science, Economics, and the Environment)  
Saul Lowitt (Marie Selby Botanical Gardens)  
Lynn Margulis (University of Massachusetts, Amherst)  
Oscar Moctezuma (Naturalia, Mexico City, Mexico)  
Mark W. Moffett (University of California, Berkeley)  
Bernard Nkongmeneck (University of Yaoundé, Cameroon)  
David Shaw (University of Washington)  
Timothy D. Schowalter (Louisiana State University)  
Phillip Wittman (University of Florida)  
Michelle Zjhra (Georgia Southern University)

#### SELECTED LECTURES AND PRESENTATIONS:

##### “A Credo for Stewardship in an Age of Ecological Crisis”

- St. Alfred’s Episcopal Church, Palm Harbor, FL, September 2007
- Congregation Beth-Shalom, Clearwater, FL, October 2007

##### “Africa from the Treetops”

- Williams College, Williamstown, MA, December 1991
- Shenandoah University, Winchester, VA, March 1992
- Institute of Ecosystem Studies, Millbrook, NY, Spring 1992

##### “Biomysteries from the Amazon”

- Selby Volunteers Luncheon, Sarasota, FL, February 2002

##### “Brooker Creek Preserve: The Challenges of Ecological Management in an Urban Environment”

- Garden Club of St. Petersburg, St. Petersburg, FL, March 2007
- Gulf of Mexico Alliance (Florida/Caribbean Workshop), St. Petersburg, FL, September 2007
- Cypress Run Golf Club, Tarpon Springs, FL, October 2007

##### “Canopies and Conservation: What We’ve Learned and Where We Go Now”

- Orchid Society of Sarasota, Sarasota, FL, March 2001

##### “Canopy Ecology: A High-Priority Link between Research and Education”

- American Association of University Women, Winchester, VA, April 1999
- Garfield Park Conservatory, Chicago, IL, July 1999
- New York Academy of Sciences, New York, December 1999

##### “Canopy Mist-netting from an Aerial Laboratory”

- 2<sup>nd</sup> International Forest Canopy Symposium, Marie Selby Botanical Gardens, Sarasota, FL, November 1998

##### “Conservation in Crisis? Global Ecology and Today’s Youth”

- Yacumama Preservation Zone, Iquitos, Peru, Summers 1997-1999
- Dutchess County Environmental Management Council, Millbrook, NY, April 1997

- Roman Catholic Diocese of Albany, NY, August 1999

"Cures from the Treetops: The Merging of Tropical Ecology and 21st Century Medicine"

- Shenandoah University School of Pharmacy, Winchester, VA, October 2005

"Darwin in the Treetops: Evolution in the Emerging Science of Canopy Ecology"

- Salem State College, Salem, MA, February 2001

"Darwin: His Enduring Legacy in an Age of Ecological Crisis"

- Weedon Island Preserve Cultural and Natural History Center, St. Petersburg, FL, February 2009
- VA TECH, Blacksburg, VA, November 2009

"Ecology from the Treetops"

- Jane Goodall International Youth Summit, Millbrook, NY, September 1997
- Amazon Conservatory for Tropical Studies (ACTS), Iquitos, Peru, Summers 1995-2001 and Summer 2007
- Brüderhof Foundation, Elka Park, NY, Spring 2000
- Antioch University Graduate School, Keene, NH, February 2001
- Eagle Audubon Society, Sun City, FL, March 2001
- Manatee Orchid Society, Bradenton, FL, May 2001
- Roman Catholic Diocese of Albany, NY, Summer 2001
- Simons Rock College, Great Barrington, MA, November 2001
- Barnes and Noble Bookstore, Sarasota, FL, February 2002
- Sertoma Club, Sarasota, FL, April 2002
- Friendship Force, Sarasota, FL, April 2002
- Ivy League Club, Sarasota, FL, October 2002
- Sequel, Sarasota, FL, October 2003
- Pine View School, Sarasota, FL, January 2004
- Frederik Meijer Gardens and Sculpture Park, Grand Rapids, MI, March 2005
- St. Petersburg Audubon and Native Plant Society, Largo, FL, December 2005
- Lord Fairfax Community College, Middletown, VA, October 2006

"Ecology from the Treetops: Secondary Education and its Global Implications"

- 2<sup>nd</sup> International Forest Canopy Symposium, Marie Selby Botanical Gardens, Sarasota, FL, November 1998

"Effects of Canopy Herbivory on Soil Microarthropods in a Tropical Rainforest"

- Marie Selby Botanical Gardens, Sarasota, FL, May 2001
- Antioch New England Graduate School, Keene, NH, February 2002, March 2004
- Luquillo Experimental Forest, Luquillo, Puerto Rico, February/March 2002
- 3<sup>rd</sup> International Forest Canopy Symposium, Cairns, Australia, June 2002
- Ecological Society of America, Portland, OR, August 2004
- Gaia Conference, Arlington, VA, October 2006
- BioDiversity Research Institute, Gorham, ME, October 2010

"Exploring Careers in Ecology and Evolutionary Biology"

- Society for the Advancement of Chicanos and Native Americans in Science, co-sponsored by the American Institute of Biological Sciences and the National Evolutionary Synthesis Center, Tampa, FL, October 2006

"Extinction and a Model for Cultural/Ecological Transcendence"

- Keynote Address: Roman Catholic Diocese of Albany, NY, August 2001

“Gaia in Turmoil: Global Climate Change, Biodepletion, and Earth Ethics in an Age of Crisis”

- Colegio de Mexico, Mexico City, Mexico, August 2010
- University of Southern Maine, April 2011

“Ghoulies, Ghosties, and Long-leggety Beasties: A Perspective from the Tropics”

- Marie Selby Botanical Gardens, Sarasota, FL, October 2001

“Heroism in the Sciences”

- Rotary Club, Sarasota, FL, October 2001

“Our Vanishing Forests: Building a Sustainable Model of Urban Ecology”

- Keynote address for International Society of Arborists’ statewide conference on “Forever Green Trees: Our Vanishing Urban Forest,” Little Harbor, FL, March 2009

“Sometimes You’re the Bug, Sometimes the Windshield”

- Leadership Florida Alumni Annual Meeting, Sarasota, FL, June 2003

“The Garden Within: The Kingdoms of Life from a Cellular Perspective”

- Marie Selby Botanical Gardens, Sarasota, FL, March 2002

“The High Frontier: Accessing the 8<sup>th</sup> Continent”

- Mycological Society of America, University of North Carolina, Asheville, July 2004

“The Land Ethic: Aldo Leopold’s Living Legacy to Ecology”

- Classes at Marie Selby Botanical Gardens, Sarasota, FL, April 2002

“The Rainforest Canopy: A Frontier of Exploration for High School Students”

- 1<sup>st</sup> International Forest Canopy Symposium, Marie Selby Botanical Gardens, Sarasota, FL, November 1994

“The Re-integration of Wonder into the Emerging Science of Canopy Ecology”

- 3<sup>rd</sup> International Forest Canopy Symposium, Cairns, Australia, June 2002

“Third-Party Evaluation of the Recovery Credit System Proof of Concept”

- 5<sup>th</sup> Annual Environmental Evaluators Networking Forum, George Washington University, Washington, DC, June 2010
- [www.denix.osd.mil/portal/page/portal/SustainableRangeInitiative](http://www.denix.osd.mil/portal/page/portal/SustainableRangeInitiative)

“Who was Charles Darwin?”

- New College Library Association, Colloquium XII, Sarasota, FL, March 2004

Additionally, workshops for the New York State Association of Independent Schools; the North American Environmental Educators Association; the National Science Teachers Association; the National Association of Biology Teachers; the Charles Darwin Research Station (Galápagos Islands, Ecuador); the first (1994), second (1998), and third (2002) International Conferences on Forest Canopies (Marie Selby Botanical Gardens, Sarasota, FL and Cairns, Australia); and numerous public and private community organizations.

#### FILMS:

2004	Jules Unlimited, Holland (Spring)
2004	WEDU Tampa, “Gulf Coast Journal” (Spring)
2001	New York Times/National Geographic Television (Summer)

- 1999 Jason X Project, "Rainforests: A Wet and Wild Adventure" (Spring)  
 1998 PBS's "Live from the Rainforest" (April)  
 1996 National Geographic's "Heroes of the High Frontier" (November)

SCIENTIFIC POSTERS:

- 2004 "Herbivory Levels in an Old-Growth Douglas-fir/Western Hemlock Forest, Estimated by 3-D Random Sampling from the Canopy Crane" (funded by the Global Canopy Programme, Oxford, UK), K.A. Ernest, D.C. Shaw, H.B. Rinker, and M.D. Lowman, Wind River Canopy Crane Research Facility Annual Scientific Conference, Carson, WA  
 2002 "Decomposition of Herbivore-Derived Greenfall: The Potential Influence of Phytophagous Insects on Soil Processes" (funded by Oregon State University and the National Science Foundation), S.J. Fonte, M.D. Hunter, T.D. Schowalter, M.D. Lowman, and H.B. Rinker, Ecological Society of America, Tucson, AZ  
 1998 "Canopy Mist-Netting from an Aerial Laboratory" (funded by Millbrook School Science Department, Millbrook, NY), 2<sup>nd</sup> International Forest Canopy Symposium, Sarasota, FL

POPULAR POSTERS:

- 2002 "Forest Canopy Access: Tools for Discovery and Conservation" (funded by the Sarasota Bay National Estuary Program)  
 2001 "Forest Canopy Walkways of the World" (displays at Myakka River State Park and the Marie Selby Botanical Gardens; funded by TREE Foundation)  
 "Canopy Access Techniques" (displays at Myakka River State Park and the Marie Selby Botanical Gardens; funded by TREE Foundation)

THESES AND DISSERTATIONS:

- 2000 D. Krishna Reddy. "Studies on autecology of six butterfly species of Papilionidae." Doctor of Philosophy, Andhra University, Visakhapatnam (Reader and Adjudicator)  
 1999 M. Aruna Kumari. "Present status of biodiversity in eastern Ghats forests of Parvathipuram, Gummalakshampuram and Kurupam Mandal areas of Vizianagaram District of northern Andhra Pradesh." Doctor of Philosophy, Andhra University, Visakhapatnam (Reader and Adjudicator)

REVIEWER:

African Journal of Ecology (articles)  
 Ecological Society of America (articles)  
 MIT Press (books)  
 National Geographic Society (research grants)  
 Sigma Xi (articles)  
 The Explorers Club (research grants)

OTHER NOTABLE ACTIVITIES:

*December 2010:* Participation in the COP16 United Nations Climate Change Conference in Cancún, México, representing the Biodiversity Research Institute (Gorham, ME).

*2009 to 2010:* Subcontractor with Robertson Consulting Group, Inc. (Sarasota, FL) for the Recovery Credit System at Fort Hood Military Reservation (Fort Hood, TX) for the highly endangered golden-cheeked warbler (*Dendroica chrysoparia*).

*2009:* Appointed Member (FL Department of Environmental Protection, Tallahassee, FL) of Review Committees for Resource Management Plans for Honeymoon Island State Park (Dunedin, FL) and Caladesi Island State Park (Dunedin, FL).

*2007:* Member of the Science Advisory Committee for Sarasota County (FL) Biological Field Station.

*2004:* Appointed Member (FL Department of Environmental Protection, Tallahassee, FL) of Review Committee for the Resource Management Plan for Myakka River State Park (Sarasota, FL)

*2002 to 2004:* Parks, Recreation, and Environmental Protection Advisory Council, City of Sarasota, FL (board member); Burns Square Association (board member); Life and Environmental Sciences Cluster Group, Economic Development Committee for the County of Sarasota (member); Friends of Myakka River State Park (member); Science and Environment Council of Sarasota County (member); Science Advisory Committee for G.WIZ, a hands-on science museum (co-chair).

*1998:* Consultant for the Jason Project, "A Wet and Wild Adventure," Upper Amazon of Peru:  
<http://www.jason.org/public/AboutHistory.aspx>.

*1991 to 1999:* Member of Dutchess County (Millbrook, NY) Environmental Management Council; executive committee, environmental education committee; wetlands committee.

*1976 and 1977:* Conducted one year of undergraduate research at the Patuxent Wildlife Research Center, U.S. Fish and Wildlife Service, Laurel, MD on petroleum pollution and waterfowl.

*1973 to 1975:* Taught natural history courses for several summers at the Burgundy Center for Wildlife Studies, Capon Bridge, WV (the nation's first ecological camp for young people); assistant director, dean of students, and instructor.

Professional and personal references available upon request.

**H. Bruce Rinker, Ph.D.**  
*Biographical Sketch*

A native Virginian, Dr. Rinker is an ecologist, educator, and explorer who lives and works in southern coastal Maine.

Dr. Rinker is the director of scientific advancement and development for the Biodiversity Research Institute in Gorham, ME. From 2009 to 2011, Dr. Rinker was the Science Department Chairman at North Cross School, an independent, co-educational, college-preparatory institution in Roanoke, VA, where he taught biology, environmental studies, and tropical ecology. From 2004 to 2009, he was the Environmental Lands Division Director for Pinellas County, FL, supervising a staff of 50 personnel and 500 volunteers engaged in long-term management of nearly 16,000 acres of county-owned environmentally sensitive lands and waterways. He received his doctorate in environmental studies from Antioch University Graduate School (Keene, NH) in May 2004. He was elected a National Fellow of the Explorers Club in March 1998, a Switzer Environmental Fellow in May 2000, a Fellow of the New York Academy of Sciences in 2002, and a Full Member of Sigma Xi, a widely-respected scientific society, in 2005. Prior to his appointment to Pinellas County Government, he was the Director of Research and Conservation at the Marie Selby Botanical Gardens in Sarasota, FL, heading its canopy ecology efforts from 2000 to 2004; and the Science Department Chairman at Millbrook School in Millbrook, NY, teaching biology, ornithology, and tropical studies and holding the Garnjost Chair of Science and Mathematics at the prestigious boarding school from 1987 to 2000.

Dr. Rinker's dissertation research focused on the effects of canopy herbivory on soil decomposition in the tropical forests of Puerto Rico, linking the green and brown food webs. His work was funded by the National Science Foundation, the New Hampshire Charitable Foundation's 2000 Switzer Environmental Fellowship, the Marie Selby Botanical Gardens, and several private grants.

Dr. Rinker is an Associate of the Center for Tropical Ecology and Conservation (Keene, NH), a Research Associate for TREE Foundation and New College of Florida (both in Sarasota, FL), a council representative and a representative to the Natural Science Collections Alliance for the American Institute of Biological Sciences, and recently an adjunct faculty member at Eckerd College (St. Petersburg, FL). Dr. Rinker is a member of the research board of directors for the Amazon Conservatory for Tropical Studies (ACTS) in Peru and sits on the editorial boards for Selbyana and ActionBioscience, the latter an on-line journal. He is also a science advisor for Naturalia and Sustenta Soluciones, organizations based in México City focused on conservation and sustainability, respectively. Dr. Rinker has authored many scientific and popular publications including two technical volumes as co-editor and contributor, *Forest Canopies* (2004, Elsevier Press) and *Gaia in Turmoil: Climate Change, Biodepletion, and Earth Ethics in an Age of Crisis* (2010, MIT Press). His scientific expeditions include various trips to the Galápagos Islands; into the High Andes of Ecuador and Peru; México; the Amazon Basin of Ecuador, Brazil, and Peru; the rainforests of Australia, Costa Rica, the Congo Basin of Cameroon, Cuba, French Guiana, and Puerto Rico; the deserts and reefs of the Middle East; and other places. He has participated twice on the French-sponsored international Radeau des Cimes mission with its colorful dirigible, treetops raft, and canopy sled.

Dr. Rinker has received numerous science education awards including "Outstanding Science Teacher" (1991, Science Teachers Association of New York State), "Outstanding Biology Teacher" (1997, National Association of Biology Teachers), and the "Environmental Education Award" from the County of Sarasota, FL in 2004. He was nominated in 2009 for the "Eugene P. Odum Education Award" of the Ecological Society of America. He has been featured recently in numerous publications and shows including *The High Frontier: Exploring the Tropical Rainforest Canopy* (Mark W. Moffett, Harvard University Press, 1993), *Science News* (December 1994), *AMC Outdoors* (May 1998), *National Geographic World* (September 1986 and March 1999), PBS's "Live from the Rainforest" (April 1998), the Jason X Project ("Rainforests: A Wet and Wild Adventure," Spring 1999, focus and consultant), *Life in the Treetops and It's a Jungle Up There* (Margaret D. Lowman, Yale University Press, 1999 and 2006, respectively), *The Sciences* (March/April 2000), *New York Times/National Geographic Television* (Summer 2001); *National Geographic News* (Fall 2003); WEDU's "Gulf Coast Journal" from Tampa, FL (Spring 2004); a science-adventure documentary on forest canopy ecology for JULES Unlimited, Holland (Spring 2004); and various shows for Pinellas County's "Postcards from Home" series in 2006 and 2007.