

RICHARD C. BRUSCA

CURRICULUM VITAE

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A. EDUCATION

PhD: 1975, University of Arizona, Tucson, AZ

MSc: 1970, California State University (Los Angeles, CA)

BS: 1967, California State Polytechnic University (San Luis Obispo/Pomona, CA)

B. CAREER APPOINTMENTS

CURRENT POSITIONS:

1998-present: **Research Scientist**, University of Arizona, Department of Ecology & Evolutionary Biology

2012-present, **Emeritus Executive Director and Research Associate**, Arizona-Sonora Desert Museum.

PREVIOUS POSITIONS:

2001-2012: Arizona-Sonora Desert Museum. Executive Director, 2003-2009; Senior Director, Conservation & Science, 2001-2012; Director, Arizona-Sonora Desert Museum Press, 2002-2012.

1998-2001: Senior Research Scientist, Columbia University, New York.

1993-1998: Professor of Biology and Director, Graduate Program in Marine Biology (and Associate Director, Grice Marine Biological Laboratory), University/College of Charleston, SC.

1987-1993: Joshua L. Baily Chair and Curator, Invertebrate Zoology Department, San Diego Natural History Museum (Chief Curator, 1988-1990, Director, Research & Collections Division, 1990-1992)

1984-1987: Curator of Crustacea and Head, Invertebrate Zoology Section, Los Angeles County Museum of Natural History, Los Angeles

1980-1983: Director of Academic Programs, Catalina Marine Science Center, University of Southern California.

1975-1986: Assistant/Associate Professor of Biology (tenured) & Curator of Crustacea, Dept. Biological Sciences & Allan Hancock Foundation, University of Southern California, Los Angeles, CA.

C. OTHER PROFESSIONAL ACTIVITIES

2020-present. Judge for annual Reinhard Rieger Award, awarded by the Journal of Zoomorphology.

2019-2020. Consultant, Monterey Bay Aquarium Seafood Watch Program.

2019: *Insecta*, the Movie: https://www.youtube.com/watch?v=9rL6_auHRfI

2017-2019. Western Flyer Foundation, founding member, Board of Directors. 2019-present: Member of Advisory Council.

2018-2019: Volunteer with Tucson's Sanctuary Program: Catholic Family Services migrant assistance program and Tucson migrant legal clinic (KTT, "Keeping Tucson Together").

2016. Peer assessor, National Natural Landmarks Program (National Park Service).

2015-present: Subconsejo Técnico Científico del Parque Nacional Cabo Pulmo (Technical Advisory Board, Cabo Pulmo National Park), member.

2013-2014: Chair of Selection Committee, Arizona-Sonora Desert Museum Sonoran Desert Conservation Award.

2012-2018: Member of Science & Conservation Committee, Board of Trustees, Arizona-Sonora Desert Museum.

2012-present: Invertebrate Consultant, Environmental Protection Agency (EPA)/USGS Coastal Biogeographic Risk Assessment Program.

2012-2013: UNESCO-CONANP Expert Consultant in support of World Heritage Site designation for El Pinacate y El Gran Desierto de Altar Biosphere Reserve.

2012: IUCN World Heritage Programme consultant.

2011-2017: Board of Directors, Tohono Chul Park. Tucson, AZ. President and Chief Executive Officer, 2015-2016.

2010-2011: Co-Organizer, Gulf of California-Baja California Conservation Science Symposium (with Kama Dean). Loreto, Baja California, May 2011

2011: Co-organizer and Guide, "The Sea of Cortez Art Expedition" (with David Wagner: www.societyofanimalartists.com/tour_director.html)

2002-present: Advisory Board, Prescott College Kino Bay Center Research (Kino Bay, Sonora, Mexico)

2010-present: Science Advisory Board, Habitat Tracker Project, Florida State University (<http://tracker.cci.fsu.edu/project/>)

2009-2017: Board of Directors (Executive Committee), COBI (Comunidad y Biodiversidad, A.C.), Mexico.

2009: Reviewer, Encyclopedia of Life Rubenstein Fellowship Program.

2009. Participant, Arizona Game & Fish Department-Heritage Program Invertebrate Diversity Review.

2008-2011: Co-founder (and member, Board of Directors), Southern Arizona Buffelgrass Coordination Center (SABCC).

2008-present: Invited member, Expert Panel, Catalogue of Life project.

2008-2011. Science Reviewer, Monterey Bay Aquarium Seafood Watch research reports.

2008: Exhibit development collaboration (*Intimate Relationships*) honoring pollinators, for the multimedia exhibition and performing arts event "Resonating Bodies-Bumble Domicile." A 2008 production of Interaccess Electronic Media Arts Centre, Toronto, Ontario Canada. (<http://www.interaccess.org/exhibitions/special.php>)

2008: Invited participant, Foundations of Success (FOS) adaptive management-based strategic planning workshop for Comunidad y Biodiversidad (COBI).

2008: Invited peer consultant, Commission for Environmental Cooperation, Bering to Baja (B2B) Marine Protected Areas Assessment Program.

2007-2014: University of Arizona, Institute for the Study of Planet Earth (ISPE), Translational Environmental Research, Member of External Advisory Committee.

2007-2011: Appointed member, Advisory Board, Friends of Saguaro National Park.

2006-2010: Appointed member, Arizona Invasive Species Advisory Council (appointed by Governor Janet Napolitano).

2006-2008: Appointed member, Board of Directors, Discover Life in America (oversight of Great Smoky Mountains All Taxon Biodiversity Inventory).

2006-2008. Advisor, "Strange Days on Planet Earth." Eight-part television PBS series designed to improve science education and introduce the public to major global change issues. Produced by Sea Studios Foundation in cooperation with National Geographic Television and National Science Foundation.

2005: Invited member, Encuesta Nacional Para la Identificación de Prioridades de Conservación de la Biodiversidad en México (National Planning Process for Conservation Priority Setting in Mexico), CONABIO and Comisión Nacional de Áreas Naturales Protegidas, State of Mexico.

2004-2012: ASDM Research Coordinator Representative to AZA (American Zoo and Aquarium Association).

2004: Concept Development and Lead Organizer, The Gulf of California Conference 2004. Tucson, Arizona (concept, organization, fund-raising).

2004: Juror, *Art of the Sea of Cortez*. A juried exhibition of the Art Institute, Arizona-Sonora Desert Museum.

2004: Member, Academic Program Review Panel, Graduate Interdisciplinary Program in Insect Science, University of Arizona.

2003-present: Member, Advisory Board to School of Renewable Natural Resources, University of Arizona, Tucson, Arizona.

2003: Juror, *Nature Painted*. A juried exhibition of the Arizona-Sonora Desert Museum Art Institute.

2003: Member, Academic Program Review Panel, Ecology and Evolutionary Biology Department, University of Arizona.

2002-2011: Member, Board Executive Committee, Desert Southwest Cooperative Ecosystem Studies Unit (DS-CESU).

2002-2008: Member, Management Board, Sonoran Joint Venture.

2002-2003: Invited participant, United Nations Environment Program (UNEP) Global International Waters Assessment Project. Development of an integrated assessment of transboundary environmental problems and societal root causes associated in the Lower Colorado River, its Delta, and the Upper Gulf of California.

2002: Invited participant, Colorado River Delta Specialists Workshop. Developing a GIS-based map and database for conservation of the region (Sonoran Institute and University of Arizona).

2001-2010: Member, Science and Technical Advisory Team, Sonoran Desert Conservation Plan, Pima County, Arizona.

2001-2004: Member, Biological Experts Group, Agua Caliente Aquatic Ecosystem Study, Pima County, Arizona.

2000-2001: Director, Case Study Project, Pinacate/Gran Desierto and Upper Gulf of California/Colorado Delta Biosphere Reserves. UNESCO International Conference on Biodiversity and Society (April 2001), New York.

2000-2001: Member of Steering Committee, UNESCO Man and the Biosphere Programme International Conference on Biodiversity and Society (April 2001, New York City). <http://www.earthscape.org/rr1/cbs01/>

2000: Advisor, Global All-Species Inventory Initiative.

2000: Invited participant, Udall Center (UofA)/UCMEXUS (Univ. Calif.) Binational Workshops on International Water Policy Issues and Management in Lower Colorado River Watershed. (October & November, 2000).

2000-2009: Board of Directors, Sonoran Sea Aquarium.

2000: Invited Participant, World Wildlife Fund workshop on "Selection and Prioritization of Protected Marine and Coastal Zones in the Gulf of California." Guaymas, Sonora (2/14-2/17).

1999-2001: Research Associate, Arizona-Sonora Desert Museum.

1998-2004: Member, Board of Directors, CEDO (Center for the Study of Deserts & Oceans). Member of Executive Committee, 1998-2004; member of Research Advisory Board, 1998-2004.

1998: Plenary speaker, Annual Systematics Symposium, Missouri Botanical Garden.

1997-1998: Co-organizer (with Dr. Brian Kensley, Smithsonian Institution), 2nd International Isopod Conference, Amsterdam (July 15-18, 1998).

1997-1998: Co-organizer, 2nd National Science Foundation PEET Workshop: Training Tomorrow's Systematists. Woods Hole Oceanographic Institution.

1997-1998: Invited Nominator, PEW Fellows Program in Conservation and the Environment.

1997-2000: Board of Advisors, "The Shape of Life." An eight-part PBS series designed to improve science education and introduce the public to the animal kingdom. Produced by Sea Studios Foundation, in cooperation with National Geographic Television, National Science Foundation, and WNET. Reborn as the *Shape of Life. The Story of the Animal Kingdom*: <http://shapeoflife.org/>.

1997-1999: Australian Research Council. Member, Panel of Assessors.

1996: Invited plenary speaker, Phylogeny of Life Conference, University of Arizona, Tucson

1996-1999: Editor (Crustacea Pages) and author (Isopod Page), Tree of Life Project (<http://phylogeny.arizona.edu/tree/phylogeny.html>).

1995-2001: Board of Directors, Slocum-Lunz Foundation.

1995-2005: Taxonomic Specialist and Contractor, ETI (Expert Center for Taxonomic Identification), University of Amsterdam.

1995-present. National Geographic Explorer (National Geographic Society).

1995: Invited participant and organization committee member, North America - South Africa: University Linkages Planning Workshop Series (Charleston, Washington D.C., Johannesburg).

1994-2004: Appointed member, IUCN/SSC Inland Water Crustacea Specialist Group, IUCN Species Survival Commission.

1994: National Science Foundation, Panelist, workshop to develop criteria and guidelines for systematic biology.

1994-1997: Department of the Interior, ephemeral waters consultant to Bruce Babbitt, Secretary of the Interior.

1994-1996: N.O.A.A. National Undersea Research Program, member of grants review panel.
 1991-1998: Polar Collections Advisory Committee, Smithsonian Institution/N.S.F. (Chair, 1991-1992).
 1991-1993: Systematics Agenda 2000: Integrating Biological Diversity and Societal Needs (a national initiative), Co-Chair, Committee on Monographs and Classification.
 1991-1992: "Darkened Waters: Profile of an Oil Spill," a traveling exhibit by the Pratt Museum (Homer, Alaska) on the Alaska *Exxon Valdez* oil spill; member of Advisory Panel and scientific editor for "Darkened Waters" (N. Lord, 66pp.), Pratt Museum, Homer.
 1990-1994: *Exxon Valdez* Oil Spill, benthic invertebrate consultant (through Dames & Moore, Inc.).
 1989-1993: Head, Diving Control Board, San Diego Natural History Museum.
 1988-1993: Adjunct Professor of Biology, California State University, San Diego.
 1988-2000: PharmaMar, Madrid. Invertebrate zoologist, expedition planner, and scientific diving consultant.
 1988-1990: National Academy of Sciences Advisory Panel Member, PBS series "The Infinite Voyage" (National Academy of Sciences/WQED Pittsburgh).
 1986-1990: National Science Foundation, Biological Systematics Program, Advisory Panel member.
 1985-1998: Institute of Museum and Library Services (IMLS), field reviewer.
 1985-1988: SeaPharm, Harbor Branch Oceanographic Institute. Invertebrate zoology consultant.
 1985-1986: University Research Committee, advisory to President of the University, U.S.C.
 1984-1986, 1991-1996: The Charles Lindbergh Fund, Member of Technical Review Panels.
 1982-1986: Organization for Tropical Studies (O.T.S.), Member, Board of Directors.
 1980-1995. The Crustacean Society (Founding and Charter Member, 1980; Program Officer 1986-1987; President 1992-93; Past-President 1994-1995).
 1970-1972: Resident Director, University of Arizona-University of Sonora Cooperative Marine Laboratory, Puerto Peñasco, Sonora, Mexico.
 1969-1970: Curator and Assistant Investigator, Aquatic Insects Laboratory, California State University, Los Angeles, CA.
 1968-1969: Research Biochemist, CalBioChem, Los Angeles, CA.
 1964-1965: Marine Biologist, U.S. Antarctic Research Program (USARP); 7 months in Antarctica

D. TEACHING RECORD

Courses taught (grad and undergrad): Summer Biodiversity Institute; Insect Biodiversity and Land Use Change in Sonora; Invertebrate Zoology; Vertebrate Zoology; Desert Ecology; Natural History of Baja California and the Sea of Cortez; Biological Systematics; Biogeography and Paleoecology; General Zoology; Marine Biology; Marine Ecology; Crustacean Biology; Man and the Sea; Parasitology; Seminars on: Macroevolution, Cladistics, Phylogenetic Analysis, Biogeography, Evolutionary Morphology of Arthropods; Scientific Writing; Misc. field courses in Mainland Mexico and Baja California, Costa Rica, Panama and Florida.

1981-1983: Director of Academic Programs, Catalina Marine Science Center, U.S.C. Responsible for organizing and overseeing spring undergraduate and summer graduate teaching programs at Catalina Island Marine Laboratory.

1993-1999: Director, Graduate Program in Marine Biology, University of South Carolina, SC. Management of graduate program with ~60 students and ~95 graduate faculty; program management, long-term curricular planning and implementation, acquisition of extramural funding.

PhD Students: Pedro Baez (with Jody Martin), Robert Cimberg, James Coyer, Paul Delaney, Richard Hammer, Philip Pepe, Diane Perry, Timothy Stebbins, Carol Stepien, Raymond Wells, Joseph Wible, Mary Wicksten (with John Garth), Richard Winn, Richard Zimmerman (with James N. Kremer).

MSc Students: Ali Eshkey, Wendy Moore, Sarah Riseman, Melina Thun, Sandy Trautwein, Barry Wallerstein, David White.

PostDocs: *Vania Coelho* (now on faculty at Dominican University, CA), *Scott France* (now on faculty at University of Louisiana), *Kim Franklin* (now Conservation Biologist, Arizona-Sonora Desert Museum), *Julia Kouwenberg* (currently working for European Union), *Zhiwei Liu* (now on faculty at Eastern Illinois University), *Wallace M. Meyer* (now on faculty at Pomona College).

E. ACADEMIC DISCIPLINE AND RESEARCH INTERESTS

Invertebrate zoology; ecology and evolutionary biology; marine biology; biodiversity, biogeography, and ecology of marine and ephemeral freshwater habitats; systematics, evolution, biogeography and ecology of crustaceans; natural history and conservation of the Sonoran Desert and Sea of Cortez; archeology of northwestern Mexico; natural history of the Madrean Sky Islands (Arizona-Mexico); cultural anthropology of Mesoamerican Peoples.

F. GRANTS AND CONTRACTS

- 2016. SCHLINGER FOUNDATION. Support for Research. \$10,000
- 2015. SCHLINGER FOUNDATION. Support for Research. \$5000
- 2014. SCHLINGER FOUNDATION. Support for Research. \$5000
- 2013. SCHLINGER FOUNDATION. Support for Research. \$5000
- 2012. SCHLINGER FOUNDATION. Support for Research. \$5000
- 2011-2013. NATIONAL GEOGRAPHIC SOCIETY. Will Climate Change Cause Mass Extinction in Arizona's Remote Sky Islands Region? The Effects of Climate Change on Ground-Dwelling Arthropod Biodiversity and Ecosystem Function in the Sky Islands of Southeastern Arizona. Co-Investigator with Wallace Meyer and Wendy Moore. \$19,969.
- 2011. SCHLINGER FOUNDATION. Support for Arthropod Research. \$5000.
- 2010. U.S. FOREST SERVICE (through Arizona State Forestry Service). Citizen Awareness and Monitoring Programs for Invasive Insects (*Cactoblastis cactorum*, *Solenopsis invicta*). \$15,000 (with Christine Conte)

2010. U.S. FISH & WILDLIFE SERVICE. ASDM Exhibits and Education Programs on Federally Listed Rare Plants of the Sonoran Desert Region. \$26,184 (with Christine Conte)
2010. WALLACE RESEARCH FOUNDATION. Migratory Species and *Sonorensis* underwriting. \$40,000 (with Christine Conte)
2009. INSTITUTE FOR MUSEUM AND LIBRARY SERVICES (IMLS). Phase IV, Arizona-Sonora Desert Museum Digital Library. \$150,000. (with Debra Colodner)
2009. SCHLINGER FOUNDATION. Research and Conservation Support for Arizona-Sonora Desert Museum. \$15,000.
2009. WALLACE RESEARCH FOUNDATION. Migratory Species and Climate Change in the Sonoran Desert. \$45,000 (with Christine Conte)
2009. NATIONAL PARK SERVICE. Saguaro at Extremes. A Complicated Story at Tonto National Monument, Arizona. \$15,000.
2008. NATIONAL PARK SERVICE. Natural Resources Condition Assessment for Chiricahua National Monument, Coronado National Memorial and Fort Bowie National Historic Site. \$120,000. (with Mark Dimmitt).
2008. SCHLINGER FOUNDATION. Research and Conservation Support for Arizona-Sonora Desert Museum. \$15,000.
2007. INSTITUTE FOR MUSEUM AND LIBRARY SERVICES (IMLS). Phase III, Arizona-Sonora Desert Museum Digital Library. \$150,000. (with Mark Dimmitt)
2007. ARIZONA GAME AND FISH DEPARTMENT. Support for ASDM public education programming. \$45,000. (with Christine Conte)
2007. FRIENDS OF TUMACÁCORI NATIONAL HISTORICAL PARK. Documentation of Padre Eusebio Kino-Era Heritage Fruit Trees from Europe, and Development of a “Kino Orchard” at Tumacácori National Historical Park. \$35,000. (with Jesús Garcia)
2007. SCHLINGER FOUNDATION. Research and Conservation Support for Arizona-Sonora Desert Museum. \$20,000.
2006. U.S. FISH & WILDLIFE SERVICE. Support for Research and Monitoring of E.S.A.-Listed Plant and Animal Species. \$48,000.
2006. U.S. FISH & WILDLIFE SERVICE AND BUREAU OF RECLAMATION. Captive Breeding of the Endangered Freshwater Clam *Anodonta californiensis* (the “California Floater”). \$58,750. (with Craig Ivanyi)
2006. SCHLINGER FOUNDATION. Research and Conservation Support for Arizona-Sonora Desert Museum. \$10,000.
2006. NATIONAL PARK SERVICE. Citizen scientist invasive species rapid detection & reporting initiative; continuing support. \$8,000
2006. SEA STUDIOS & NATIONAL SCIENCE FOUNDATION. Citizen scientist invasive species rapid detection & reporting initiative; continuing support. \$35,000
2005. AMERICAN ZOO & AQUARIUM ASSOCIATION (AZA), Conservation Endowment Fund. Invaders: A Citizen Scientist Invasive Species Initiative. \$18,220.
2005. INSTITUTE FOR MUSEUM AND LIBRARY SERVICES (IMLS). Phase II, Arizona-Sonora Desert Museum Digital Library. \$150,000. (with Mark Dimmitt)
2005. THE FEAR NOT FOUNDATION. Support for film project, “In the Wake of Western Flyer.” \$50,000 (with Lindsey Haskin)
2005. SEA STUDIOS & VULCAN PRODUCTIONS. Citizen scientist invasive species rapid detection & reporting initiative. \$53,000.

2004-2005. THE DAVID AND LUCILLE PACKARD FOUNDATION. A benchmark analysis of Gulf of California esteros/estuaries: status, importance, and research and conservation needs. \$84,000.

2004-2007. NATIONAL PARK SERVICE. Recovery and re-establishment of Father Eusebio Kino's fruit trees from Sonora, Mexico. \$40,000. (with Robert Emanuel)

2004. SONORAN INSTITUTE. Support for The Gulf of California Conference 2004. \$5,000.

2004. CONSERVATION INTERNATIONAL. Support for The Gulf of California Conference 2004. \$5,000.

2004. WORLD WILDLIFE FUND. Support for The Gulf of California Conference 2004. \$10,000.

2004. THE DAVID AND LUCILLE PACKARD FOUNDATION. Support for The Gulf of California Conference 2004. \$30,000

2004. THE NATURE CONSERVANCY. Support for The Gulf of California Conference 2004. \$5,000.

2004. HOMELAND FOUNDATION (aka MARISLA FOUNDATION). Support for The Gulf of California Conference 2004. \$10,000.

2004. SONORAN SEA AQUARIUM. Support for The Gulf of California Conference 2004. \$10,000.

2003-2004. NATIONAL PARK SERVICE. Field Guide to Sonoran Desert Pollinators. \$10,000.

2003-2004. WALLACE RESEARCH FOUNDATION. A Natural History of the Sea of Cortez (conference and book) – Part 1. \$15,000.

2003-2004. NATIONAL PARK SERVICE. Aquatic Invertebrate Survey, Santa Cruz River. \$75,000.

2003. STONEWALL FOUNDATION. \$30,000. Support for Amigos del Desierto Program, Arizona-Sonora Desert Museum.

2003. BAT CONSERVATION INTERNATIONAL. \$6,000. Bat education outreach in Southern Arizona.

2003. CONSERVATION INTERNATIONAL. \$6,000. Publication of Sea of Cortez Faunal Checklist.

2002-2003. ORIGINS SOCIETY. \$1,500. Underwriting for Sea of Cortez Conference.

2002-2003. WALLACE RESEARCH FOUNDATION. A Natural History of the Sea of Cortez (conference and book) – Part 2. \$15,000.

2002-2003. G.A. BINNEY FOUNDATION. \$5,000. Support for Conference on the Sea of Cortez.

2002-2003. GILES MEAD FOUNDATION. \$15,000. Hummingbird Nectar Corridors and Educational Outreach in the Southern Arizona Border Region: An Extension of the Migratory Pollinators Program.

2002-2003. NATIONAL PARK SERVICE. \$14,000. Establishing pollinator gardens at Tumacacori National Historic Site and San Lázaro (Sonora).

2002. SONORAN JOINT VENTURES. Borderland Pollinator Education. \$10,000

2001-2002 (18 mos.). NATIONAL PARK SERVICE. Botany internship for Organ Pipe National Monument. Approx. \$57,000.

2001-2002 (18 mos.). NATIONAL PARK SERVICE. Mountainlion internship for Saguaro National Park. Approx. \$36,000.

- 1999-2001. UNESCO (United Nations). \$15,000. A Case Study on the Upper Gulf of California/Colorado River Delta and El Pinacate/Gran Desierto de Altar Biosphere Reserves of Northwest Mexico.
- 1995-2001. NATIONAL SCIENCE FOUNDATION: A Revision of the Cirolanidae (Crustacea: Peracarida: Isopoda), with Monographs on Selected Genera and a Phylogenetic Analysis of the Family. \$633,000. (PEET Program, Division of Environmental Biology)
- 1996-1997. NATIONAL OCEANIC & ATMOSPHERIC ADMINISTRATION: Photo-Identification of Bottlenose Dolphins. \$10,499 (Graduate Student Support).
- 1996-1997. NATIONAL OCEANIC & ATMOSPHERIC ADMINISTRATION: Sediment Toxicity Testing Using Juvenile Clams. \$2,119 (Graduate Student Support).
- 1995-1996. CONSERVATION INTERNATIONAL: Biodiversity Database for the Sea of Cortez (Gulf of California) - Phase II: \$13,000.
- 1995-1996. NATIONAL OCEANIC & ATMOSPHERIC ADMINISTRATION: Photo-Identification of Bottlenose Dolphins. \$18,759 (Graduate Student Support).
- 1995-1996. NATIONAL OCEANIC & ATMOSPHERIC ADMINISTRATION: Role of Bacteria in PSP Toxin Production and Evaluation of Phycotoxin Assays. \$31,000. [Co-P.I. with Gregory Doucette] (Graduate Student Support)
- 1995-1996. NATIONAL GEOGRAPHIC SOCIETY: Evolution of Polynesian Island Marine Faunas. \$9,000.
- 1995-1996. AMERICAN PHILOSOPHICAL SOCIETY: Evolution of Polynesian Island Marine Faunas. \$3,800.
- 1995-1996. NATIONAL OCEANIC & ATMOSPHERIC ADMINISTRATION: Technical Support for Toxic Dinoflagellate Research for National Marine Fisheries Service Charleston Laboratory. \$62,320 (Graduate Student Support).
- 1995-1996. NATIONAL OCEANIC & ATMOSPHERIC ADMINISTRATION: Graduate Student Fellowships for University of Charleston students. \$49,027.
1995. UNIVERSITY OF CHARLESTON, Research Committee. Biogeography of Polynesian Marine Faunas. \$2,500.
- 1994-1997. NATIONAL OCEANIC & ATMOSPHERIC ADMINISTRATION: Database Management & Assessment in Support of the Joint NOAA-NS&T/EPA-EMAP Coastal Research & Monitoring Program. \$299,090.
- 1993-1995. CONABIO (Comisión Nacional Para el Conocimiento y Uso de la Biodiversidad), Mexico; Biodiversity Database for the Sea of Cortez (Gulf of California). Phase I: \$26,200
- 1993-1994. U.S. NAVY: Biodiversity Analysis of Vernal Pool Arthropods on Miramar Naval Air Station, San Diego, CA. \$77,567.
1992. SMITHSONIAN INSTITUTION, WASH. D.C.: Short-term Visitors Grant.
- 1992-1994. CalBioMarine Technologies/NATIONAL CANCER INSTITUTE: Taxonomy and Collection of Marine Invertebrates for Feasibility Studies on the Aquaculture of Marine Organisms for Pharmacological Studies.
- 1992-1994. PACIFIC GAS & ELECTRIC/BECHTEL: Survey of Vernal Pool Invertebrate Communities of California's Central Valley. (M. Simovich)
- 1990-1992. NATIONAL SCIENCE FOUNDATION: Monographic Studies on Marine Isopod Crustaceans of the Tropical Eastern Pacific. V.

- 1990-1992. U.S. BUREAU OF LAND MANAGEMENT/MINERALS MANAGEMENT SURVEY (through Science Applications Inc.): Benthic Atlas of Santa Maria Basin, California (Crustacea, Isopoda).
- 1989-1991. THE WEILER FOUNDATION: Biogeography of Polynesian Marine Faunas.
- 1989-1991. NATIONAL GEOGRAPHIC SOCIETY: Evolution of Polynesian Island Marine Faunas.
1988. SMITHSONIAN INSTITUTION, WASH. D.C.: Short-term Visitors Grant.
- 1987-1989. NATIONAL SCIENCE FOUNDATION: Monographic Studies on Marine Isopod Crustaceans of the Tropical Eastern Pacific. IV.
- 1986-1989. NATIONAL SCIENCE FOUNDATION: Collection Facilities Support for Crustacea Collection, L.A. County Museum of Natural History.
- 1986-1987. NATIONAL SCIENCE FOUNDATION: Monographic Studies on Marine Isopod Crustaceans of the Tropical Eastern Pacific. III.
- 1985-1986. THE RALPH J. WEILER FOUNDATION: Effects of Siltation on Invertebrate Communities on a Caribbean Coral Reef (Cahuita National Park, Costa Rica).
- 1985-1986. BIOMEDICAL RESEARCH GRANT, NATIONAL INSTITUTES OF HEALTH: X-Ray Microanalysis of Heavy Metals in the Sand Crab *Emerita analoga*. [for grad student support]
- 1984-1985. BIOMEDICAL RESEARCH SUPPORT GRANT, NATIONAL INSTITUTES OF HEALTH: Characterization of Ultrastructural Mineralization in Crustacean Exoskeleton and the Co-deposition of Toxic Heavy Metals. [for grad student support]
1981. THE CHARLES LINDBERGH FUND: Systematics of Costa Rican Isopod Crustaceans.
- 1981-1983. NATIONAL SCIENCE FOUNDATION: Monographic Studies on Marine Isopod Crustaceans of the Tropical Eastern Pacific. II.
1978. NATIONAL SCIENCE FOUNDATION: Comparative Studies on Tropical American *Sargassum* Communities [one of several projects for joint use of the R/V Alpha Helix in the western Caribbean].
- 1978-1979. BIOMEDICAL RESEARCH SUPPORT GRANT, NATIONAL INSTITUTES OF HEALTH: The Roles of Thermal Stress and Predation in the Regulation of Marine Isopod Crustacean Distributions in the Eastern Pacific.
- 1978-1980. NATIONAL SCIENCE FOUNDATION: Visiting Scientist Support, Costa Rica. To assist the University of Costa Rica's new Marine Sciences Institute with programs start-up.
- 1978-1980. NATIONAL SCIENCE FOUNDATION: Monographic Studies on Marine Isopod Crustaceans of the Tropical Eastern Pacific. I.
- 1977-1978. CALIFORNIA STATE DEPARTMENT OF FISH AND GAME: Survey of Coastal Sites of Designated Ecological Significance in Southern California.
- 1977-1978. BIOMEDICAL RESEARCH SUPPORT GRANT, NATIONAL INSTITUTES OF HEALTH: Reproduction and Spermatophores of the Calanoid Copepod *Acartia tonsa*.
- 1976-1977. N.O.A.A., SEA GRANT: Food Resource Dynamics and Utilization in a Channel Island *Macrocystis* Habitat.

G. HONORS/AWARDS

- 2016: National Museum of Natural History (Smithsonian Institution), Science Achievement Award for professional paper (Ruggiero, et al. 2016, A higher level classification of all living organisms, PLoS ONE 10: e0119248)
- 2014: Elected to Fellow, California Academy of Sciences.
- 2013: Southwest Books of the Year, “Best Read” Award for: *A Natural History of the Santa Catalina Mountains, with an Introduction to the Sky Island Region*.
<http://www.library.pima.gov/books/swboy/2013/toppicks.php>
- 2012: *Luminaria Award*, from the Arizona-Sonora Desert Museum.
- 2006 – 2011: Book Awards (for development & production of ASDM Press books).
Dining with the Desert Museum. Tabasco Regional Cookbook Award; Four-Color Design Award.
Hip Hip Hooray, It's Monsoon Day. AAAS Science Children's Book “Highest Rating”; One Book Arizona Award; Américas Award for Latin American & Caribbean Studies; Judy Goddard/Libraries Ltd., Children's Book Award.
Katie, of the Sonoran Desert. IPPY Medal for Multicultural Children's Book; Moonbeam Gold Medal for Spanish Language Children's Book.
The Little Saguaro. IPPY Medal for Multicultural Children's Book.
Vanishing Circles. Portraits of Vanishing Wildlife of the Sonoran Desert Region. IPPY Medal for Western Regional Non-Fiction Book.
2011. Partners in Conservation Award, U.S. Department of Interior (from Secretary Ken Salazar), to Southern Arizona Buffelgrass Coordination Center, a not-for-profit (501c3) co-founded by R. C. Brusca, Sarah Smallhouse, Julio Betancourt, Jim Kiser, and Alix Rogstad.
2010. *Estrella de Mar Award*, “in recognition of extraordinary contributions to advancing knowledge, appreciation and protection of the Gulf of California.” *Centro Intercultural de Estudios de Desiertos y Océanos*, Mexico/U.S.A.
2010. Public Lands Stewardship Award, U.S. Department of the Interior, to Southern Arizona Buffelgrass Coordination Center, a not-for-profit (501c3) co-founded by R. C. Brusca, Sarah Smallhouse, Julio Betancourt, Jim Kiser, and Alix Rogstad.
2007. Award from Pima County and Mr. Chuck Huckleberry (Pima County Supervisor), for service on the Science and Technical Advisory Team for the Sonoran Desert Conservation Plan, Pima County, Arizona.
2004. New England Book Show: Juried award for best new college textbook: *Invertebrates*, 2nd ed. (R. C. Brusca/G. J. Brusca, Sinauer Associates).
- 2003: Play based on 1983 Brusca/Gilligan research on *Cymothoa exigua*. “Tennessee Speaks in Tongues for You” by R.J. Tsarov. Premiered at annual Tennessee Williams Festival, 2003, New Orleans (www.bestofneworleans.com/dispatch/2003-04-01/thea_review.html); most recent performance at Rhinofest, Chicago (www.chicagoreader.com/features/stories/theaterreviews/060915_2/).
- 2001: Elected to Fellow, American Association for the Advancement of Science (AAAS)
- 2000: Elected to Fellow, Linnean Society of London (FLS)
- 1995: Distinguished Achievement Award, School of Sciences and Mathematics, College of Charleston.
- 1994: Hammer Award Nominee & Honorable Mention (as a member of the Fort Johnson 6-person Marine & Environmental Health Laboratory Planning Team), *"Heroes of*

- Reinvention/Al Gore Hammer Award*" (Vice President Gore's "Reinventing Government Program")
- 1991-present: Honorary lifetime member *Asociacion de Investigadores del Mar de Cortes*.
1990. New England Book Show: Juried award for best new college textbook: *Invertebrates* (R. C. Brusca/G. J. Brusca, Sinauer Associates).
- 1990: Commendation for editorial contributions to *Revista de Biología Tropical*, the scientific journal of the University of Costa Rica.
- 1989: Award of Recognition from *The Binational Emergency Medical Care Committee* [for contributions to the well being of the people of Mexico].
- 1984-present: Eponymies: *Colanthura bruscai* Poore, 1984 (Isopoda); *Excorallana bruscai* Delaney, 1984 (Isopoda); *Cleantoides bruscai* (Kensley, 1987) [as *Miratidotea bruscai*] (Isopoda); *Progebiophilus bruscai* Salazar and Leija, 1989 (Isopoda); *Schizobopyrina bruscai* Campos and Campos, 1990 (Isopoda); *Apanthura bruscai* Müller, 1992 (Isopoda); *Exosphaeroma bruscai* Espinosa-Pérez and Hendrickx, 2001 (Isopoda); *Cirolana bruscai* Bruce & Olesen, 2002 (Isopoda); *Aega rickbruscai* Bruce, 2004 (Isopoda); *Bathynomus bruscai* Lowry & Dempsey, 2006 (Isopoda); *Tachys bruscai* Erwin & Zamorano, 2014 (a beach beetle from the Sea of Cortez)
- 1983: Phi Kappa Phi National Honor Society, Faculty Recognition Award
- 1981: Research Excellence Award, University of Southern California
- 1980: Charter Member, *The Crustacean Society*. President 1991-1993
- 1977 (to present): *Sigma Xi* (member-at-large)
- 1965: United States Department of Defense Civilian Service Medal

H. EDITORIAL APPOINTMENTS & BOOK PRODUCTION

- Arizona-Sonora Desert Museum Press.** Director, 2005-2010. Oversight of all ASDM Press books: acquisition, development, editing, design, printing and marketing.
- Includes concept and development of bilingual children's books on Sonoran Desert natural history, with accompanying curricular material, 2006-present. *My Nana's Remedies* (Roni Capin-Ashford); *Hip Hip, It's Monsoon Day* (Roni Capin-Ashford); *The Little Saguaro* (Shannon Young); *Alice. A Story of Friendship* (William Verbooten); *Katie, of the Sonoran Desert* (Kate Jackson).
 - Includes concept and development of *Dining with the Desert Museum* (Tabasco 2006 Regional Cookbook Award); *A Desert Illuminated. Cactus Flowers of the Sonoran Desert; Desert Gardens. A Photographic Tour of the Arizona-Sonora Desert Museum; Vanishing Circles. Portraits of Disappearing Wildlife in the Sonoran Desert Region; and, Mountain Wildflowers of Southern Arizona. A Field Guide to the Santa Catalina Mountains and Other Nearby Ranges.*
- Arizona-Sonora Desert Museum Publications in Natural History.** Book series editor (co-published by ASDM Press and University of Arizona Press). 2001-present.
- Tropical Zoology**, National Research Institute of Italy. Member of Advisory Board, 2002-present (last renewed 2017).
- Ciencias del Mar, UAS.** Universidad Autónoma de Sinaloa, Mazatlán, Sinaloa, Mexico. Member, Editorial Board, 1998-present.
- McGraw-Hill Encyclopedia of Science & Technology.** Member, Board of Consulting Editors, 1996-2000.

Invertebrate Taxonomy. CSIRO, Melbourne, Australia. Regional Advisor, North America, 1991-present.

Latin American Journal of Aquatic Research (formerly Investigaciones Marinas). Member, Editorial Board, 1989-present.

Kansas Biology Teacher. Consultant to the Editor, Kansas Biology Teacher, Emporia State University, KA, 1992-2010.

San Diego Museum of Natural History. Member, Editorial Board, 1987-1994. (Proceedings, Science Series, Transactions)

Allan Hancock Foundation. Editor, 1978-1985; Member of Publications Committee, 1977-1990. (Monographs in Marine Biology, Occasional Papers, Technical Reports, Miscellaneous Publications).

Los Angeles County Museum of Natural History. Member of Editorial Board, 1985-1987. (Contributions in Science, Science Series, Technical Series).

Gayana. The zoology journal of the Universidad de Concepcion, Chile. Member, Editorial Board, 1983-1990.

I. EXPEDITIONARY RESEARCH

New World: Throughout North, Central and South America (Guatemala, Nicaragua, Ecuador, Bolivia, Argentina, Brazil, Galapagos Is., Peru, Uruguay, Chile; extensive in Mexico, Costa Rica, Panama, Argentina); Argentine Patagonia (overland, from Puerto Madryn to Ushuaia, Tierra del Fuego); throughout Caribbean (extensive in Virgin Is., Bahamas, Roatan, San Andres, Belize Barrier Reef). Submersible work (Johnson SeaLink) in Caribbean and Galapagos Islands.

Pacific: Bora Bora, Moorea, Tahiti, Rarotonga, Aitutaki, Tonga (Nuku'alofa, Vava'u), American and Western Samoa, Fiji, Guam, Australia (extensive), New Zealand, Hawaii, Antarctica.

Old World: Throughout Western Mediterranean, Spain, Morocco, South Africa, Swaziland, Namibia, Madagascar, Taiwan, Thailand (central and northern).

PUBLICATIONS OF RICHARD C. BRUSCA
 (* Refereed work; authored/title page-edited books in boldface)

1. *1971. Brusca, R. C. A new species of *Leptohyphes* from Mexico (Ephemeroptera: Tricorythidae). *Pan-Pacific Entomologist* 47(2): 146-148.
2. *1972. Brusca, R. C. and J. Haig. Range extensions of porcelain and hermit crabs in the Gulf of California. *Bulletin of the Southern California Academy of Sciences* 71(1): 56.
3. 1973. Brusca, R. C. The fiddler crabs of the Gulf of California, Part I: Ecology. *The Stomatopod* 3(1): 16-17.
4. 1973. Brusca, R. C. The fiddler crabs of the Gulf of California, Part II: Taxonomy. *The Stomatopod* 3(2): 38-40.
5. *1973. Allen, R. K. and R. C. Brusca. New species of Leptohiphinae from Mexico and Central America (Ephemeroptera: Tricorythidae). *Canadian Entomologist* 105: 83-95.
6. 1973. Brusca, R. C. ***A Handbook to the Common Intertidal Invertebrates of the Gulf of California***. 427 pp., 295 figs. University of Arizona Press, Tucson.
7. *1973. Brusca, R. C. and R. K. Allen. A new species of *Choroterpes* from Mexico (Insecta: Ephemeroptera). *Journal of the Kansas Entomological Society* 46: 137-139.
8. *1973. Allen, R. K. and R. C. Brusca. The known geographic distribution of the Mexican mayfly genera in North America (Insecta, Ephemeroptera). *Proceedings of the First International Conference on Ephemeroptera*. E. J. Brill, Leiden, Holland. Pp. 49-63.
9. 1974. Brusca, R. C. La Paz, the City of Peace. Part I. The Region of La Paz and its History. *The Stomatopod* 4(1): 16-18.
10. 1975. Brusca, R. C. Report of the Alpha Helix Baja California Expedition, Zoological classification. *In*, Alpha Helix Research Program, 1972-1974. Scripps Institution of Oceanography, University of California, San Diego: 72-73.
11. 1975. Hager, L. P., R. H. White, P. F. Hollenberg, R. C. Brusca, D. L. Doubeck and R. Guerrero. A survey of organic halogens in marine organisms. Report of the Alpha Helix Baja California Expedition. *In*, Alpha Helix Research Program, 1972-1974. Scripps Institution of Oceanography, University of California, San Diego: 73-75.
12. *1975. Krejcarek, G. E., R. H. White, L. P. Hager, W. O. McClure, R. D. Johnson, K. L. Rinehart, J. A. McMillan, I. C. Paul, P. D. Shaw and R. C. Brusca. A rearranged dibromotryosine metabolite from the sponge *Verongia aurea*. *Tetrahedron Letters* 8: 507-510.

13. *1975. Snyder-Conn, E. and R. C. Brusca. Shrimp population dynamics and fishery impact in the northern Gulf of California. *Ciencias Marinas* 2: 54-67.
14. *1976. Rinehart, K. L., W. O. McClure, L. P. Hager and R. C. Brusca. A survey of organic halogens in marine organisms. *Proceedings of the Food and Drugs from the Sea Conference, 1974*. Journal of the Marine Technology Society, pp. 421-428.
15. *1976. Brusca, R. C. Evolución geológica del norte del Golfo de California y comentarios sobre su fauna. Pp. 85-93 in, *Sonora: Anthropología del Desierto, Session de Ecología del Desierto de Sonora*. Instituto Nacional Anthropología y Historia (INAH), Mexico, D.F.
16. *1977. Brusca, R. C. and D. A. Thomson. The Pulmo Reefs of Baja California: True coral reef formation in the Gulf of California. *Ciencias Marinas* 1(3): 37-53.
17. 1977. Brusca, R. C. and J. Coyer. Food resource dynamics and utilization in a Channel Island *Macrocystis* habitat. *In, The Planning and Management of California's Coastal Resources*. University of Southern California, Sea Grant Annual Reports, pp. 20-21.
18. *1977. Brusca, R. C. and B. R. Wallerstein. The marine isopod crustaceans of the Gulf of California. I. Family Idoteidae. *American Museum Novitates* 2634: 1-17.
<http://digitallibrary.amnh.org/dspace/handle/2246/2949>
19. *1977. Brusca, R. C. Range extensions and new host records of cymothoid isopods (Isopoda: Cymothoidae) in the east Pacific. *Bulletin of the Southern California Academy of Sciences* 76(2): 128-131.
20. *1978. Allen, R. K. and R. C. Brusca. Generic revisions of mayfly nymphs. II. *Thraulodes* in North and Central America (Leptophlebiidae). *Canadian Entomologist* 110: 413-433.
21. 1978. Coyer, J. and R. C. Brusca. Food resource dynamics and utilization in a Channel Island *Macrocystis* habitat [update]. Pp. 18-20 *in, The Planning and Management of California's Coastal Resources*. University of Southern California, Sea Grant Annual Reports.
22. *1978. Brusca, R. C. Studies on the cymothoid fish symbionts of the eastern pacific (Isopoda: Cymothoidae). I. Biology of *Nerocila californica*. *Crustaceana* 34(2): 141-154.
23. *1978. Brusca, R. C. and M. Ninos. The status of *Cirolana californiensis* Schultz and *Cirolana deminuta* Menzies and George, with a key to the California species of *Cirolana* (Isopoda: Cirolanidae). *Proceedings of the Biological Society of Washington* 91(2): 379-385.
24. 1978. Brusca, G. J. and R. C. Brusca. ***A Naturalist's Seashore Guide. Common Marine Life of the Northern California Coast and Adjacent Shores***. 205 pp. Mad River Press, Eureka, CA.

25. *1978. Brusca, R. C. Studies on the cymothoid fish symbionts of the Eastern Pacific (Crustacea: Isopoda: Cymothoidae). II. Biology and systematics of *Lironeca vulgaris*. Occasional Papers of the Allan Hancock Foundation (n. ser.) 2: 1-19.
26. *1979. Brusca, R. C. and B. R. Wallerstein. Zoogeographic patterns of idoteid isopods in the northeast Pacific, with a review of shallow-water zoogeography for the region. Bulletin of the Biological Society of Washington 3: 67-105. [>200 citations in the professional literature]
27. *1979. Brusca, R. C. and B. R. Wallerstein. The marine isopod crustaceans of the Gulf of California. II. Idoteidae. New genus, new species, new records, and comments on the morphology, taxonomy and evolution within the family. Proceedings of the Biological Society of Washington. 92(2): 253-271.
28. 1979. Brusca, R. C. Heisler Park Ecological Reserve, Orange County, CA. California Marine Waters, Areas of Special Biological Significance, California State Reconnaissance Survey Report 79-2: 1-29.
29. 1979. Brusca, R. C. Irvine Coast Marine Life Refuge, Orange County, CA. California Marine Waters, Areas of Special Biological Significance, California State Reconnaissance Survey Report 79-3: 1-30.
30. 1979. Brusca, R. C. Newport Beach Marine Life Refuge, Orange County, CA. California Marine Waters, Areas of Special Biological Significance, California State Reconnaissance Survey Report 79-4: 1-25.
31. 1980. Brusca, R. C. The Allan Hancock Foundation of the University of Southern California. Association of Systematics Collections Newsletter 8(1): 1-7.
32. 1980. Brusca, R. C. ***Common Intertidal Invertebrates of the Gulf of California. 2nd Edition.*** 513 pp., 340 figs, 243 B&W photos, color photos. University of Arizona Press, Tucson, AZ. [Around 1,000 citations in the professional literature.]
33. 1980. Brusca, R. C. and D. M. Perry. The function of the shell spine in the predaceous intertidal snail *Acanthina spirata*. American Zoologist 20(4): 919. [abstract]
34. *1980. Thun, M. and R. C. Brusca. On the status of the eastern Pacific cymothoid fish parasite *Braga occidentalis* Boone, and its synonymy with *B. patagonica* Schioedte and Meinert (Crustacea: Isopoda: Cymothoidae). Bulletin of the Southern California Academy of Sciences 79(3): 130-132.
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36. *1981. Brusca, R. C. A monograph on the Isopoda Cymothoidae (Crustacea) of the Eastern Pacific. Zoological Journal of the Linnean Society (London) 73(2): 117-199. [>250 citations in the professional literature]
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40. *1983. Brusca, R. C. Two new idoteid isopods from Baja California and the Gulf of California (Mexico) and an analysis of the evolutionary history of the genus *Colidotea* (Crustacea: Isopoda: Idoteidae). Transactions of the San Diego Society of Natural History 20(4): 69-79.
41. *1983. Brusca, R. C. and M. R. Gilligan. Tongue replacement in a marine fish (*Lutjanus guttatus*) by a parasitic isopod (Crustacea: Isopoda). Copeia 3: 813-816.
42. *1984. Brusca, R. C. Phylogeny, evolution and biogeography of the marine isopod subfamily Idoteinae (Crustacea: Isopoda: Idoteidae). Transactions of the San Diego Society of Natural History 20(7): 99-134.
43. 1985. Brusca R. C. Corals and Coral Reefs of the Galapagos Islands, by P. W. Glynn and G. M. Wellington (with an Annotated List of the Scleractinian Corals of the Galapagos, by J. W. Wells). Environmental Conservation (Geneva), 12(2): 191-192. [book review]
44. *1985. Stepien, C. A. and R. C. Brusca. Nocturnal attacks on nearshore fishes in southern California by crustacean zooplankton. Marine Ecology Progress Series 25: 91-105.
45. 1985. Brusca, R. C. The Biology of Terrestrial Isopods, by S. L. Sutton & D. M. Holdich (eds.). Science 230(4726): 659. [book review]
46. *1985. Delaney, P. M. and R. C. Brusca. Two new species of *Tridentella* Richardson, 1905 (Isopoda: Flabellifera: Tridentellidae) from California, with a rediagnosis and comments on the family and a key to the genera of Tridentellidae and Corallanidae. J. Crustacean Biol. 5(4): 728-742.
47. *1985. Brusca, R. C. and E. W. Iverson. A guide to the marine isopod Crustacea of Pacific Costa Rica. Revista Biología Tropical 33 (Suppl. 1): 1-77.

48. 1985. Brusca, R. C. and R. Wetzer. Marshes of the Ocean Shore, by J. V. Siry. *Environmental Professional* 7(2): 191-192. [book review]
49. *1986. McClure, W. O., D. E. Baxter, R. C. Brusca, R. D. Crosland, T. H. Hsiao, M. L. Koenig, J. V. Martin and J. E. Yoshino. Studies of two novel presynaptic toxins, pp. 1203-1214 in, I. Hanin (ed.), *Dynamics of Cholinergic Function*. Plenum Press, N.Y.
50. *1987. Brusca, R. C. Biogeographic relationships of Galapagos marine isopod crustaceans. *Bulletin of Marine Science* 41(2): 268-281.
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53. *1988. Guzman, H. M., V. L. Obando, R. C. Brusca and P. M. Delaney. Aspects of population biology of the marine isopod *Excorallana tricornis occidentalis* Richardson, 1905 (Crustacea: Isopoda: Corallanidae) at Cano Island, Pacific Costa Rica. *Bulletin of Marine Science* 43(1): 77-87.
54. 1989. Brusca, R. C. Foreword, in, A. Kerstitch, *Sea of Cortez Marine Invertebrates. A Guide for the Pacific Coast, Mexico to Ecuador*. Sea Challengers Press, Monterey, CA. pp. i-iii.
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58. 1990. Brusca, R. C. Science and natural history museums. II. Science in the museum. *Upstairs. A Newsletter of the San Diego Natural History Museum Science Division* 3(1/2): 3-5.
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60. 1990. Brusca, R. C. Proceedings of the Second Symposium on the Biology of Terrestrial Isopods, *Monitore Zoologico Italiano* (n.s.), Monogr. 4: 1-512. *Journal of Crustacean Biology* 10(3): 568-570. [book review]
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62. 1990. Brusca, R. C. and R. Wetzer. Tropical deforestation and coral reefs. *Field Notes, San Diego Natural History Museum* 3(4): 6-7.
63. 1991. Brusca, R. C. Guide to the Marine Isopod Crustaceans of the Caribbean, by B. Kensley and M. Schotte. *Quarterly Review of Biology* 66: 98-99. [book review]
64. *1991. Wetzer, R., H. G. Kuck, P. Baez, R. C. Brusca and L. M. Jurkevics. Catalog of the Isopod Crustacea type collection of the Natural History Museum of Los Angeles County. Los Angeles County Natural History Museum, Technical Report 3: 1-59.
65. *1991. Brusca, R. C. and H.-G. Müller. *Skuphonura kensleyi* n.sp. (Crustacea: Isopoda), a new anthuridean species from the Caribbean coast of Colombia. *Proc. Biol. Soc. Wash.* 104(3): 593-602.
66. *1991. Chavez, F. P. and R. C. Brusca. The Galapagos Islands and their relation to oceanographic processes in the tropical Pacific. Pp. 9-33 [Chapter 1] in, M. James (ed.), *Galapagos Marine Invertebrates*. Plenum Publ. Corp., Vol. 8 of "Topics in Geobiology."
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68. *1992. Brusca, R. C. and M. E. Hendrickx (eds.). ***Benthic Macro-Crustaceans of the Eastern Tropical Pacific*** [Proceedings of the First Colloquium on Benthic Macro-Crustaceans of the Eastern Tropical Pacific, Mazatlán, March 1990]. San Diego Natural History Museum and Universidad Nacional Autónoma de México. 134 pp. [Proceedings 9-27, San Diego Society of Natural History]
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- The Little Saguaro/El sahuarito*. Text by Shannon Young; illustrations by Kim Duffek. Independent Book Publisher's (IPPY) 2008 Medal for Multicultural Children's Book.

Katie, of the Sonoran Desert. Text by Kate Jackson; illustrations by Natalie Rowe. 2010 Independent Book Publisher's (IPPY) Silver Medal for Multicultural Children's Book; 2010 Moonbeam Gold Medal for Spanish Language Children's Books.
Alice. A Story of Friendship/Alicia. La historia de una amistad. Text by William Verbooten; illustrations by Priscilla Baldwin.
Victor, el Zopilote Renuente. Text by Jonathan Hanson; illustrations by Kim Kanoa Duffek. All-Spanish language text.

OTHER BOOKS DEVELOPED & PRODUCED (ASDM Press)

Mountain Wildflowers of Southern Arizona. A Field Guide to the Santa Catalina Mountains and Other Nearby Ranges. Text and photography by Frank Rose; book development and production by R. Brusca and L. Brewer. 2011.
Mission San Xavier. A Story of Saints and Angels, Art and Artists. Text and art by Edna San Miguel; book development and production by R. Brusca and L. Brewer. 2011.
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