

CURRICULUM VITAE

NAME: THEODORE WELLS PIETSCH

TITLES: Professor, School of Aquatic and Fishery Sciences, College of Ocean and Fishery Sciences, University of Washington, Seattle, Washington

Curator of Fishes, Burke Museum of Natural History and Culture, University of Washington, Seattle, Washington

Professor, Graduate Program in Museology, University of Washington, Seattle, Washington

Research Associate in Ichthyology, Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts

Research Associate in Ichthyology, Natural History Museum of Los Angeles County, Los Angeles, California

Fellow of the California Academy of Sciences, elected 1984

Fellow of the Gilbert Ichthyological Society, elected 1989

Fellow of The Linnean Society of London, elected 1996

Fellow of the American Association for the Advancement of Science, elected 1996

Fellow of the University of Washington Teaching Academy, elected 1998

Honorary Member, Ichthyological Society of Japan, elected 2001

Honorary Member, Russian Hydrobiological Society, Russian Academy of Sciences, elected 2009

Member, Washington State Academy of Sciences, elected 2010

ADDRESS: Professional: School of Aquatic and Fishery Sciences
University of Washington
Campus Box 355020
Seattle, Washington 98195
Telephone: (206) 543-8923
FAX: (206) 616-6716

E-mail: twp@u.washington.edu
Internet: www.uwfishcollection.org

EDUCATION: High School Diploma, John Adams High School, South Bend, Indiana, 1963.

B.A. Zoology, University of Michigan, Ann Arbor, Michigan 48104, 1967.

M.S. Biology, University of Southern California, Los Angeles, California 90007, 1969.

Ph.D. Biology, University of Southern California, Los Angeles, California 90007, 1973.

Postdoctoral Fellow, Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts 02138, 1973-1975.

POSITIONS: Research Assistant, University of Southern California, Summer 1967 (National Science Foundation Grant to USC for ecological studies in and about the Southern California borderland region).

Teaching Assistant, Department of Biological Sciences, University of Southern California, Autumn 1968, 1969, 1971, Spring 1972.

Graduate Student Representative of the General Program of Biology, Department of Biological Sciences, University of Southern California, 1970-1971, 1971-1972.

Research Assistant in Ichthyology, Natural History Museum of Los Angeles County, Los Angeles California, 1970-1972.

Visiting Assistant Professor, Department of Biological Sciences, University of Southern California, Summer 1973.

Research Associate in Ichthyology, Natural History Museum of Los Angeles County, Los Angeles California, 1973-present.

Curatorial Associate, Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, 1973-1975.

Tutor in Biology, Department of Biology, Harvard University, Cambridge, Massachusetts, 1974-1975.

Research Associate in Ichthyology, Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, 1973-1975.

Lecturer, Department of Biology, California State University, Long Beach, California, 1975-1976.

Member, Board of Editors, *Fishes of the Western North Atlantic Ocean*, Sears Foundation for Marine Research, Yale University, 1976-present.

Assistant Professor, Department of Biology, California State University, Long Beach, California, 1976-1978.

Member, Board of Directors, Southern California Academy of Sciences, 1976-1978.

Editor, *Bulletin of the Southern California Academy of Sciences*, 1976-1978.

Member, Board of Governors, American Society of Ichthyologists and Herpetologists, Class of 1981.

Member, Long-Range Planning and Finance Committee, American Society of Ichthyologists and Herpetologists, 1977-1981.

Assistant Professor, School of Fisheries, University of Washington, Seattle, Washington, 1978-1981.

Member, Resolutions Committee, American Society of Ichthyologists and Herpetologists, 1980, 1982.

Member, Ichthyological Advising Committee, Smithsonian Oceanographic Sorting Center Committee, Washington, D.C., 1980-1985.

Member, Nominating Committee, American Society of Ichthyologists and Herpetologists, 1980-1981.

Associate Professor, School of Fisheries, University of Washington, Seattle, Washington, 1981-1984.

Chairperson, Resolutions Committee, American Society of Ichthyologists and Herpetologists, 1981.

Member, Board of Editors, *Indo-Pacific Fishes*, Bernice P. Bishop Museum, Honolulu, Hawaii, 1982-present.

Member, Board of Governors, American Society of Ichthyologists and Herpetologists, Class of 1987.

Member, Committee on Honorary Foreign Members, American Society of Ichthyologists and Herpetologists, 1982-1983.

Professor, School of Aquatic and Fishery Sciences, University of Washington, Seattle, Washington, 1984-present.

Adjunct Professor, Department of Zoology, University of Washington, Seattle, Washington, 1984-2003.

Chairperson, Ichthyological Advising Committee, Smithsonian Oceanographic Sorting Center Committee, Washington, D.C., 1985-1992.

General Ichthyological Editor, *Copeia*, American Society of Ichthyologists and Herpetologists, 1986-1991.

Member, Editorial Board, *CRC Critical Reviews in Fisheries Science*, 1986-1988.

Member, Editorial Board, *CRC Critical Reviews in Aquatic Sciences*, 1988-1991.

Member, Council, Gilbert Ichthyological Society, 1989-1993.

Member, Editorial Board, *U.S. Fishery Bulletin*, 1990-2007.

Vice-President and President Elect, Gilbert Ichthyological Society, 1990-1991.

Member, Nominating Committee, American Society of Ichthyologists and Herpetologists, 1991-1992.

Member, Robert H. Gibbs Jr. Memorial Award Committee, American Society of Ichthyologists and Herpetologists, 1991-1994.

Faculty Representative, Committee on Graduate Student Participation, American Society of Ichthyologists and Herpetologists, 1991-1995.

President, Gilbert Ichthyological Society, 1991-1992.

Curator of Fishes, Burke Museum of Natural History and Culture, University of Washington, Seattle, Washington, 1992-present.

Member, Interdisciplinary Faculty, The Graduate Program in Museology, The Graduate School and Burke Museum of Natural History and Culture, University of Washington, Seattle, Washington, 1992-present.

Chairperson, Ichthyological and Herpetological Collections and Resources Committee, American Society of Ichthyologists and Herpetologists, 1992-1995.

Director, International Kuril Island Project (Biodiversity Survey and Inventory of the Kuril Archipelago), 1994-2001.

Member, Board of Governors, American Society of Ichthyologists and Herpetologists, Class of 1998.

Vice-President, Gilbert Ichthyological Society, 1993-1994.

Chairperson, Robert H. Gibbs Award Committee, American Society of Ichthyologists and Herpetologists, 1994.

Member, Time, Place, and Program Committee, American Society of Ichthyologists and Herpetologists, 1994-1998.

Member, University of Washington Faculty Senate, 1995-1999.

Member, Committee on Book-length Publications, American Society of Ichthyologists and Herpetologists, 1995-1996.

President-Elect, American Society of Ichthyologists and Herpetologists, 1996.

Member, Committee on Special Publications, American Society of Ichthyologists and Herpetologists, 1996-1999.

Member, Editorial Board, *Species Diversity*, the English language journal of the Japanese Society of Systematic Zoology, 1996-2010.

Associate Director of Graduate Instruction, School of Fisheries, University of Washington, 1996-1998.

Graduate Program Coordinator, School of Aquatic and Fishery Sciences, University of Washington, 1996-2001.

Chairperson, Local Committee, 77th Annual Meeting of the American Society of Ichthyologists and Herpetologists, University of Washington, Seattle, Washington, 26 June—2 July 1997.

President, American Society of Ichthyologists and Herpetologists, 1997.

College Marshal, Commencement Exercises, College of Ocean and Fishery Sciences, University of Washington, 1997-1998, 2000-2009.

Life Member, Board of Governors, American Society of Ichthyologists and Herpetologists, 1998-present.

Fellow of the University of Washington Teaching Academy, 1998-present.

Associate Director, School of Aquatic and Fishery Sciences, University of Washington, 1998-2001.

Chairperson, Ad Hoc Committee to Revise Meeting Guidelines, American Society of Ichthyologists and Herpetologists, 1998-1999.

Member, Nominating Committee, American Society of Ichthyologists and Herpetologists, 1999.

Honorary Member, Ichthyological Society of Japan, 2001-present.

Director, International Sakhalin Island Project (Biodiversity Survey and Inventory of Sakhalin Island), 2002-2004.

Member, Research Advisory Committee, Seattle Aquarium Research Center for Conservation and Husbandry (SEARCCH), 2002-present.

Adjunct Professor, Department of Biology, University of Washington, Seattle, Washington, 1992-2003.

Member, Advisory Panel, Biodiversity Surveys and Inventories, National Science Foundation, October 2003.

Member, Robert H. Gibbs Jr. Memorial Award Committee, American Society of Ichthyologists and Herpetologists, 2007-2008.

Member, The Ocean Exploration Advisory Working Group (OEAWG) workshop recommendations for planning the maiden voyage of discovery for NOAA's dedicated ocean exploration vessel, *Okeanos Explorer*, National Geographic Society, Washington, D.C., 10-11 May 2007.

Member, Editorial Board, American Society of Ichthyologists and Herpetologists, 2007-2008.

President, Gilbert Ichthyological Society, 2008-2009.

Dorothy T. Gilbert Professor of Ocean and Fishery Sciences, University of Washington, Seattle, Washington, 2008-present.

Honorary Member, Russian Hydrobiological Society, Russian Academy of Sciences, 2009-present.

Member, Honorary Foreign Member Committee, American Society of Ichthyologists and Herpetologists, 2009-2010.

Co-leader, Deep-sea Fish Workshop, National Museum of Nature and Science, Tokyo, Japan, 1-10 February 2010.

Co-leader, Encyclopedia of Life Biosynthesis Workshop on Deep-sea Fishes, Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, 10-15 May 2010.

Mentor for Encyclopedia of Life Rubenstein Fellow Christopher P. Kenaley, University of Washington, selected for his work on deep-sea fishes (lightfishes, order Stomiiformes; and anglerfishes, suborder Ceratioidei), 2010.

Member, Washington State Academy of Sciences, 2010-present.

FELLOWSHIPS, National Science Foundation Undergraduate Research Grant, 1967-1968.

GRANTS, AND

CONTRACTS: National Science Foundation Graduate Traineeship, 1967-1971.

National Institutes of Health Biomedical Science Support Grants: Comparative Anatomy of the Inner Ear of Deep-sea Fishes of the Family Oneirodidae, 1969-1970; Regeneration of the Esca of the Sargassum Anglerfish, *Histrio histrio* (Family Antennariidae), 1970-1971; Continued Studies on the Regeneration of the Esca of Antennarioid Anglerfishes of the genera *Antennarius* and *Antennatus*, 1971-1972.

Grant-In-Aid of Research, The Society of the Sigma Xi, Summer, 1970.

Grant for research travel abroad from The Graduate School, University of Southern California, Summer 1970.

National Science Foundation Grant GB-40700: The Ceratioid Anglerfishes (Order: Lophiiformes) of the Western North Atlantic Ocean: Systematics and Distribution, 1973-1975.

Grants from the Johannes Schmidt Trust for Marine Research of the University of Copenhagen for support of research while in residence at the Zoological Museum, University of Copenhagen, Summer 1974, 1976, Winter 1978, Autumn 1979, Spring 1981, Autumn 1990.

Grants from the William F. Milton Fund of Harvard University, 1973, 1974.

Grant from the Office of Graduate Studies and Research, California State University, Long Beach, to attend the 1976 Annual Meeting of the American Society of Ichthyologists and Herpetologists, Fairbanks, Alaska, June 1976.

Grants for research travel abroad from the Ichthyology Fund of the Natural History Museum of Los Angeles County, Summer 1976, Winter 1978.

National Science Foundation Grant DEB 76-82279: The Antennariid Anglerfishes (Order Lophiiformes) of the Western North Atlantic Ocean: Systematics and Distribution, 1977-1981.

National Geographic Society Grant No. 1826: Functional Morphology of the Feeding Mechanism of Shallow Water Anglerfishes of the Family Antennariidae, 1978-1979.

National Science Foundation Grant DEB 78-26540: The Antennariid Anglerfishes (Order: Lophiiformes): Systematics, Distribution, Functional Morphology, and Trophic Ecology, 1979-1981.

Grant from The Graduate School Research Fund, University of Washington: Functional Morphology of the Feeding Mechanism of Anglerfishes of the Family Antennariidae, 1978-1979.

National Science Foundation Grant DEB 79-12184: The Care and Use of the Fish Collections of the School of Fisheries, University of Washington, 1979-1981.

Cooperative Systematics Research Program, United States Antarctic Research Program, Smithsonian Oceanographic Sorting Center: Systematics and Distribution of Cold-water Cottoid Fishes of the Family Icelidae (Order: Scorpaeniformes), 1979-1981.

Cooperative Systematics Research Program, United States Antarctic Research Program, Smithsonian Oceanographic Sorting Center: Systematics and Distribution of Cold-water Cottid Fishes of the Genus *Artediellus* (Order: Scorpaeniformes), 1980-1983.

National Marine Fisheries Service, Northwest and Alaska Fisheries Center: Cooperative Systematics Program, 1981-1982.

National Science Foundation Travel Grant to attend the International Conference on the Systematics and Evolution of Indo-Pacific Coral Reef Fishes, Sydney, Australia, September 1981.

National Marine Fisheries Service, Northwest and Alaska Fisheries Center: Systematic Services in Ichthyology, 1982-1986.

Cooperative Systematics Research Program, United States Antarctic Research Program, Smithsonian Oceanographic Sorting Center: Systematics and Distribution of Bathypelagic Anglerfishes of the Family Ceratiidae (Order Lophiiformes), 1982-1983.

The Eppley Foundation for Research: The Manuscript Materials for the *Histoire Naturelle des Poissons*, 1828-1849: Sources for Understanding the Fishes Described by Cuvier and Valenciennes, 1982-1983.

National Marine Fisheries Service, Northwest and Alaska Fisheries Center: Ichthyological Training and Services, 1983-1993.

The Giles W. and Elise G. Mead Foundation: *Frogfishes of the World: Systematics, Zoogeography and Behavioral Ecology* (book subsidy), 1983-1984.

The Eppley Foundation for Research: *Frogfishes of the World: Systematics, Zoogeography and Behavioral Ecology* (book subsidy), 1984.

The Eppley Foundation for Research: Louis Renard and his *Histoire Naturelle des plus Rares Curiositez de la Mer des Indes*, 1985.

National Science Foundation: Systematics and Zoogeography of Marine Shorefishes of the Family Uranoscopidae, 1985-1989.

The Graduate School Research Fund, University of Washington: A Phylogenetic Reconstruction of Uranoscid Fishes Based on DNA-DNA Hybridization Data, 1986-1987.

National Science Foundation: Care and Use of the Fish Collection of the School of Fisheries, University of Washington, \$272,404, 1988-1991.

Travel grant from The Graduate School Research Fund, University of Washington, to participate in admittance ceremonies to the Fellowship of the Linnean Society of London, February 1989.

National Science Foundation: Systematics and Distribution of Trachinoid Fishes of the Family Champsodontidae (Teleostei: Perciformes), 1989.

Cooperative Systematics Research Program, United States Antarctic Research Program, Smithsonian Oceanographic Sorting Center: Systematics and Distribution of Cottid Fishes of the genus *Triglops* Reinhardt (Teleostei: Scorpaeniformes), 1990-1991.

National Marine Mammal Laboratory: Studies of Mesopelagic Fishes of the Central North Pacific Ocean, 1988-1989, 1990-1991.

The Eppley Foundation for Research: Phylogenetic Relationships of Lophiiform Fishes: Molecular Systematic Tests of Morphological Hypotheses, 1991-1992.

Japan Society for the Promotion of Science Fellowship: a one-month award to conduct research and lecture on fishes at the universities of Tokyo, Kyoto, Kochi, and Hokkaido, September 1991.

National Science Foundation: Establishment of an Archival Center for Early Life History Stages of Fishes at the School of Fisheries, University of Washington, \$155,194, 1992-1994.

College of Ocean and Fishery Sciences, University of Washington: *Louis Renard and His Fishes, Crayfishes, and Crabs of Diverse Coloration and Extraordinary Form: A Natural History of the Rarest Curiosities of the Seas of the Indies*. Johns Hopkins University Press (book subsidy), 1993.

The Graduate School Research Fund, University of Washington: *Louis Renard and His Fishes, Crayfishes, and Crabs of Diverse Coloration and Extraordinary Form: A Natural History of the Rarest Curiosities of the Seas of the Indies*. Johns Hopkins University Press (book subsidy), 1993.

The Giles W. and Elise G. Mead Foundation: *Collection Building in Ichthyology and Herpetology in the 18th, 19th, and 20th Centuries*. Papers from the Fifth North American Meeting of the Society for the History of Natural History, Charleston, South Carolina, 18-19 June 1990. American Society of Ichthyologists and Herpetologists (book subsidy), 1993-1994.

The Graduate School Research Fund, University of Washington: *Collection Building in Ichthyology and Herpetology in the 18th, 19th, and 20th Centuries*. Papers from the Fifth North American Meeting of the Society for the History of Natural History, Charleston, South Carolina, 18-19 June 1990. American Society of Ichthyologists and Herpetologists (book subsidy), 1993-1994.

National Science Foundation, Biotic Surveys and Inventories, and International Programs: Biodiversity of the Kuril Archipelago, "Proof of Concept Award," \$200,000, 1994-1995.

National Science Foundation, Biotic Surveys and Inventories, Research Experiences for Undergraduates (REU) Supplement: Biodiversity of the Kuril Archipelago, \$9,985, 1995.

National Science Foundation, Biotic Surveys and Inventories, and International Programs: Biodiversity of the Kuril Archipelago, \$1,000,000, 1995-2000.

National Marine Fisheries Service, Northwest and Alaska Fisheries Center, via Washington Sea Grant Program: Integration and Dissemination of Ichthyoplankton Databases, \$51,776, 1995-1996.

National Science Foundation, Biotic Surveys and Inventories, Research Experiences for Undergraduates (REU) Supplement: Biodiversity of the Kuril Archipelago, \$10,000, 1996-1997.

National Science Foundation, Biotic Surveys and Inventories and International Programs: Biodiversity of the Kuril Archipelago, Supplement, \$34,320, 1996-1997.

National Science Foundation, Biotic Surveys and Inventories, Research Experiences for Undergraduates (REU) Supplement: Biodiversity of the Kuril Archipelago, \$10,000, 1997-1998.

National Science Foundation, Biotic Surveys and Inventories and International Programs: Biodiversity of the Kuril Archipelago, Supplement, \$174,504, 1997-2001.

National Science Foundation, Biotic Surveys and Inventories, Research Experiences for Undergraduates (REU) Supplement: Biodiversity of the Kuril Archipelago, \$10,000, 1998-1999.

National Marine Fisheries Service, Alaska Fisheries Science Center: Rockfish Curation, 1999, \$7,450.

National Science Foundation, Biotic Surveys and Inventories, Research Experiences for Undergraduates (REU) Supplement: Biodiversity of the Kuril Archipelago, \$10,000, 1999-2000.

National Science Foundation, Biotic Surveys and Inventories, International Programs, and Archaeology: Bio-archaeology in the Kuril Archipelago (supplemental one-year extension of Biodiversity of the Kuril Archipelago), \$281,288, 1999-2001.

National Marine Fisheries Service, Alaska Fisheries Science Center: Archival Dissemination of Data on Northeast Pacific Fish Eggs and Larvae, \$55,000, 1999-2001.

National Marine Fisheries Service, Alaska Fisheries Science Center: Training and Curation for the National Marine Fisheries Service Domestic Observer Program, \$76,390, 1999-2002.

National Science Foundation, Biotic Surveys and Inventories, Research Experiences for Undergraduates (REU) Supplement: Biodiversity of the Kuril Archipelago, \$10,000, 2000-2001.

University of Washington Office of Research and College of Arts and Sciences: Bio-archaeology in the Kuril Archipelago (graduate student support), \$16,000, 2000-2001.

National Science Foundation, Biotic Surveys and Inventories, and International Programs: Biodiversity of Sakhalin Island, \$391,128, 2000-2001.

National Science Foundation, U.S.-Japan Cooperative Science Program: International Symposium on Kuril Island Biodiversity, Sapporo, 18-22 May 2001, \$21,900, 2001.

National Science Foundation, Biotic Surveys and Inventories, Research Experiences for Undergraduates (REU) Supplement: Biodiversity of Sakhalin Island, \$12,000, 2001-2002.

National Science Foundation, International Programs: Supplement to allow Russian participation in an International Symposium on Kuril Island Biodiversity, Sapporo, 18-22 May 2001, \$19,900, 2001.

National Science Foundation, U.S.-Japan Cooperative Science Program, Research Experiences for Undergraduates (REU) Supplement to allow undergraduate participation in an International Symposium on Kuril Island Biodiversity, Sapporo, 18-22 May 2001, \$6,600, 2001.

National Marine Fisheries Service, Alaska Fisheries Science Center: Archival Storage and Dissemination of Data on Northeast Pacific Fish Eggs, Larvae, and Adults, \$207,124, 2001-2003.

National Science Foundation, Biotic Surveys and Inventories, and International Programs: Biodiversity of Sakhalin Island, Supplement, \$42,287, 2002.

University of Kansas Museum of Natural History "FishNet Project": Server for the University of Washington Fish Collection, \$3,623, 2002.

National Science Foundation, Biotic Surveys and Inventories Program, Research Experiences for Undergraduates (REU) Supplement: Biodiversity of Sakhalin Island, \$12,000, 2002.

National Science Foundation, U.S.-Japan Cooperative Science Program, Research Experiences for Undergraduates (REU) Supplement to allow one undergraduate to conduct research at the Institute of Biology and Soil Sciences, Vladivostok, \$6,000, 2002.

Travel grant from the Institute of Zoology, Academia Sinica, Taipei, Taiwan, Republic of China, to teach and conduct research in the Laboratory of Fish Ecology and Evolution, RT airfare and per diem, September 2002.

Short-Term Invitation Fellowship for Research in Japan, U.S. National Science Foundation and Japan Society for the Promotion of Science, RT airfare and per diem, awarded October 2002 for travel in December 2002.

National Marine Fisheries Service, Alaska Fisheries Science Center: Establishing an Interactive Ichthyoplankton Information System for the Northeast Pacific and Bering Sea Ecosystems, \$24,000, 2002-2003.

National Marine Fisheries Service, Alaska Fisheries Science Center: Training and Curation for the National Marine Fisheries Service Domestic Observer Program, \$96,075, 2002-2004.

National Science Foundation, Biotic Surveys and Inventories Program: Biodiversity of the Russian Far East: Sakhalin Island, \$195,712, 2002-2004.

National Marine Fisheries Service, Alaska Fisheries Science Center: Establishing an Interactive Ichthyoplankton Information System for the Northeast Pacific and Bering Sea Ecosystems: Supplements, \$17,000, 2003.

National Marine Fisheries Service, Alaska Fisheries Science Center: Archival Storage and Dissemination of Data on Northeast Pacific Fish Eggs, Larvae, and Adults, \$300,599, 2003-2007.

National Science Foundation, Systematics Program, Revisionary Synthesis in Systematics: Biodiversity of Deep-Sea Anglerfishes (Lophiiformes: Ceratioidei) of the World, \$330,000, 2003-2008.

Washington Sea Grant, Fishes of Puget Sound and Adjacent Waters, book subsidy, \$7,580, 2003-2005.

National Science Foundation, Systematics Program, Revisionary Synthesis in Systematics: Biodiversity of Deep-Sea Anglerfishes (Lophiiformes: Ceratioidei) of the World, Supplemental funds for graduate student RA support, \$35,204, 2004-2005.

National Marine Fisheries Service, Alaska Fisheries Science Center: An Interactive Ichthyoplankton Information System (IIS) for the Northeast Pacific and Bering Sea Ecosystems: Spawning, Identification, Distribution, and Abundance Data, \$35,204, 2004-2005.

National Marine Fisheries Service, Alaska Fisheries Science Center: Training and Curation for the National Marine Fisheries Service Domestic Observer Program, renewal, \$99,508, 2004-2007.

National Marine Fisheries Service, Alaska Fisheries Science Center: Archival Storage and Dissemination of Data on Northeast Pacific Fish Eggs, Larvae, and Adults, Supplement, \$104,175, 2004-2007.

National Science Foundation, Systematics Program, Revisionary Synthesis in Systematics, Research Experiences for Undergraduates (REU) Supplement: Biodiversity of Deep-Sea Anglerfishes (Lophiiformes: Ceratioidei) of the World, \$6,750, 2005-2006.

National Science Foundation, Systematics Program, Revisionary Synthesis in Systematics, Research Experiences for Undergraduates (REU) Supplement: Biodiversity of Deep-Sea Anglerfishes (Lophiiformes: Ceratioidei) of the World, \$6,000, 2007-2008.

National Marine Fisheries Service, Alaska Fisheries Science Center: Archival Storage and Dissemination of Data on Northeast Pacific Fish Eggs, Larvae, and Adults, renewal, \$508,508, 2007-2012.

National Marine Fisheries Service, Alaska Fisheries Science Center: Training and Curation for the National Marine Fisheries Service Domestic Observer Program, renewal, \$288,464, 2007-2012.

National Park Service, Pacific Northwest Cooperative Ecosystem Studies Unit: Engaging Citizen Scientists to Survey and Biota of Olympic National Park: Coordination and Logistics, \$24,000, 2007-2009.

National Science Foundation, Systematic Biology and Biodiversity Inventories Program, Small Grant for Exploratory Research (SGER): Dam Removal on the Elwha: An Urgent Need for Biotic Survey and Inventory, \$193,699, 2008-2009.

Jean S. and Frederic A. Sharf Publication Fund: *Theodore W. Pietsch II (1912–1993) and the Development of Automobile Design in the Golden Age*, book subsidy, undisclosed amount, 2009.

National Park Service, Pacific Northwest Cooperative Ecosystem Studies Unit: Taxonomy and Specimen Management for the Elwha Biodiversity Pilot Project, \$34,921, 2010-2012.

North Pacific Research Board, National Oceanic and Atmospheric Administration: Annotated checklist of bottom-trawled macro-invertebrates of Alaska, with an evaluation of identifications in the Alaska Fisheries Science Center bottom-trawl survey database, \$135,135, 2010-2013.

PROFESSIONAL AND HONORARY SOCIETIES: American Association for the Advancement of Science.
American Society of Ichthyologists and Herpetologists.

American Elasmobranch Society

Gilbert Ichthyological Society.

Life Member, Ichthyological Society of Japan.

Linnean Society of London.

Society for the History of Natural History.

Society for the Protection of Old Fishes.

Washington State Academy of Sciences

EXPEDITIONS: Member and occasionally chief scientist of research cruises to Southern California basins and open ocean aboard the University of Southern California Research Vessel, R/V VELERO IV; ecology of the mid-waters, 1967-1973.

Freshwater, inshore, and reef fish collecting, Atlantic and Pacific coasts of Panama, and Virgin Islands, Spring 1969.

Freshwater fish collecting, southern Mexico, Spring 1972.

Cruise 33, R/V KNORR, Woods Hole Oceanographic Institution, Puerto Rico to Bermuda, mid-water and benthic fish collecting, March 1974.

Marine fish collecting, Puget Sound and associated waters, especially San Juan Islands, numerous trips, 1978-present.

Freshwater fish collecting, Olympic Peninsula, coastal drainages and Lake Ozette, numerous trips, 1978-present.

Fisheries Development Program for UNPATTI, Pattimura University, Ambon, Molucca Islands, Indonesia, sponsored by the U.S. Agency for International Development, Summer 1980.

Marine fish collecting, Oahu, Guam, Palau and Ambon, Summer 1980.

Marine fish collecting, Sydney Harbor, Australia, Autumn 1981.

International Kuril Island Project, "Biodiversity of the Kuril Archipelago," collecting on the islands of Kunashir, Zelionyi, Shikotan, and Iturup; aquatic insects, spiders, freshwater and terrestrial mollusks, freshwater and anadromous fishes, amphibians, and reptiles; Russian Academy of Sciences R/V *Professor Bogorov*, July-August 1994.

International Kuril Island Project, “Biodiversity of the Kuril Archipelago,” collecting primarily on the islands of Urup, Chirpoi, Broutona, Simushir, Ketoi, Ushishir, and Rasshua; plants, aquatic and terrestrial insects, spiders, freshwater and terrestrial mollusks, freshwater and anadromous fishes, amphibians, reptiles, and mammals; Russian Academy of Sciences R/V *Professor Bogorov*, July-September 1995.

International Kuril Island Project, “Biodiversity of the Kuril Archipelago,” collecting primarily on the islands of Matua, Raikoke Shiashkotan, Ekarma, Chirinkotan, Kharimkotan, Onekotan, and Paramushir; plants, aquatic and terrestrial insects, spiders, freshwater and terrestrial mollusks, freshwater and anadromous fishes, amphibians, and reptiles; Russian Academy of Sciences R/V *Akademik Oparin*, July-September 1996.

International Kuril Island Project, “Biodiversity of the Kuril Archipelago,” collecting on the islands of Makanrushi, Paramushir, Shumshu, Atlasova, Antsiferova, Ryponkicha, and Brat Chirpoev; plants, aquatic and terrestrial insects, spiders, freshwater and terrestrial mollusks, freshwater and anadromous fishes, amphibians, and reptiles; Russian Academy of Sciences R/V *Professor Bogorov*, July-September 1997.

International Kuril Island Project, “Biodiversity of the Kuril Archipelago,” collecting on the islands of Kunashir, Iturup, Shikotan, Anuchina, Tanfilyeva, Iurii, Zelionyi, and Polonskogo; plants, aquatic and terrestrial insects, spiders, freshwater and terrestrial mollusks, freshwater and anadromous fishes, amphibians, and reptiles; Russian Academy of Sciences R/V *Akademik Oparin*, July-September 1998.

International Kuril Island Project, “Biodiversity of the Kuril Archipelago,” collecting on Kamchatka and the islands of Atlasova, Paramushir, Shumshu, Onekotan, Shiashkotan, Ekarma, Matua, Rasshua, Yankicha, Ketoi, Simushir, Chirpoi, Urup, Iturup, and Kunashir; plants, aquatic and terrestrial insects, spiders, freshwater and terrestrial mollusks, freshwater and anadromous fishes, amphibians, and reptiles; Russian Academy of Sciences R/V *Akademik Oparin*, July-September 1999.

International Kuril Island Project, “Biodiversity and Paleobiology of the Kuril Archipelago,” collecting and archaeological surveys on the islands of Shumshu, Paramushir, Onekotan, Kharimkotan, Shiashkotan, Raikoke, Matua, Yankicha, Simushir, Chirpoi, Brat Chirpoev, and Urup; plants, aquatic and terrestrial insects, spiders, freshwater and terrestrial mollusks, freshwater and anadromous fishes, amphibians, and reptiles; Russian Academy of Sciences R/V *Okean*, July-September 2000.

International Sakhalin Island Project, “Biodiversity of Sakhalin Island,” collecting on Sakhalin and the island of Moneron; lichens, mosses, liverworts, fungi, plants, aquatic and terrestrial insects, spiders, freshwater and terrestrial mollusks, freshwater and anadromous fishes, amphibians, and reptiles; Russian Academy of Sciences R/V *Okean*, July-September 2001.

International Sakhalin Island Project, “Biodiversity of Sakhalin Island,” collecting on Sakhalin Island; lichens, mosses, liverworts, fungi, plants, aquatic and terrestrial insects, spiders,

freshwater and terrestrial mollusks, freshwater and anadromous fishes, amphibians, and reptiles; July-August 2002.

International Sakhalin Island Project, “Biodiversity of Sakhalin Island,” collecting on Sakhalin Island; lichens, mosses, liverworts, fungi, plants, aquatic and terrestrial insects, spiders, freshwater and terrestrial mollusks, freshwater and anadromous fishes, amphibians, and reptiles; July-September 2003.

Numerous fieldtrips to the Elwha River Valley and Olympic National Park as part of an NSF-funded biotic survey and inventory of microbes, non-vascular plants, and invertebrates to build a database for comparison of change resulting from the demolition of the Elwha and Glines Canyon dams; February 2008–present.

TEACHING Mankind Emerging, Biology for Non-majors: University of Southern
EXPERIENCE: California, Los Angeles, Summer 1973.

Seminar in Biological Oceanography: Harvard University, Cambridge, Autumn 1974.

General Zoology: BIO 216, California State University at Long Beach, Autumn 1975, Spring and Autumn 1976, Spring and Autumn 1977, Spring 1978.

Ichthyology: BIO 320, California State University at Long Beach, Autumn 1975, Spring and Autumn 1976, Spring and Autumn 1977, Spring 1978; FISH 401, University of Washington, Seattle, Autumn 1978, Spring and Autumn 1979-1989.

Advanced Ichthyology, Concepts of Systematics and Biogeography: BIO 520, California State University at Long Beach, Autumn 1976, 1977.

Comparative Developmental Anatomy: BIO 332, California State University at Long Beach, Spring 1976.

Graduate Seminar in Fisheries, Resource Sharing in Marine Fish Communities: FISH 522, University of Washington, Winter 1979.

Marine Fish Biology: FISH 465, Friday Harbor Laboratories, University of Washington, Summer 1979.

Graduate Seminar in Fisheries, Concepts of Systematics and Biogeography: FISH 522, University of Washington, Spring 1980.

Advanced Ichthyology, Systematics of Larval Fishes: FISH 503, University of Washington, Spring 1981.

History of Ichthyology: FISH 503, University of Washington, Spring 1982.

Literature Search in Fisheries: FISH 395, University of Washington, Spring and Autumn 1983.

Comparative Developmental Anatomy of Fishes: FISH 311, University of Washington, Spring 1985-1988.

Biology of Fishes: FISH 311, University of Washington, Autumn 1995-1997, Winter, 1990-2000.

Systematics, Zoogeography, and Evolution of Fishes: FISH 401, University of Washington, Autumn 1993, Spring 1995, 1996, 1999.

The Wonderful World of Fishes: A Freshman Seminar: GEN ST 197, University of Washington, Autumn 1998.

Biology of Fishes: FISH/BIOL 311, University of Washington, Winter, 2001-2007, 2009-2010.

Grant and Contract Proposal Writing for Graduate Students: FISH 521, University of Washington, Spring 2002, 2003, Winter 2004-2007.

Museum Curation Practicum in Ichthyology: MUS 585B, Graduate Program in Museology, University of Washington, Spring 2009.

HONORS University of Washington, College of Ocean and Fishery Sciences
AND AWARDS: Outstanding Graduate Teaching Award for 1986.

University of Washington, College of Ocean and Fishery Sciences Outstanding Research Award for 1986, honorable mention.

University of Washington, College of Ocean and Fishery Sciences Outstanding Undergraduate Teacher Award for 1986, honorable mention.

University of Washington, College of Ocean and Fishery Sciences Outstanding Graduate Teacher Award for 1988, honorable mention.

University of Washington, College of Ocean and Fishery Sciences Distinguished Graduate Teacher Award for 1989, honorable mention.

University of Washington, College of Ocean and Fishery Sciences Distinguished Undergraduate Teaching Award for 1997.

University of Washington Distinguished Teaching Award for 1998.

University of Washington, College of Ocean and Fishery Sciences Distinguished Graduate Teaching Award for 2002.

Robert H. Gibbs, Jr. Memorial Award for an Outstanding Body of Published Work in Systematic Ichthyology, presented by the American Society of Ichthyologists and Herpetologists at the 85th Annual Meeting of the Society in Tampa, Florida, 11 July 2005.

Dorothy T. Gilbert Professor of Ocean and Fishery Sciences, University of Washington, Seattle, Washington, 2008.

Elected, Honorary Member, Russian Hydrobiological Society, Russian Academy of Sciences, 2009.

Elected, Washington State Academy of Sciences, 2010.

PROFESSIONAL PRESENTATIONS: Systematics and Distribution of Ceratioid Anglerfishes of the Genus *Oneirodes*: Annual Meeting of the American Society of Ichthyologists and Herpetologists, Los Angeles, California, June 1971; Natural History Museum of Los Angeles County, March 1973.

Precocious Sexual Parasitism in the Deep-sea Ceratioid Anglerfish *Cryptopsaras couesi* Gill: Annual Meeting of the American Society of Ichthyologists and Herpetologists, Ottawa, Canada, June 1974.

Interrelationships of Lophiiform Fishes: Annual Meeting of the American Society of Ichthyologists and Herpetologists, Williamsburg, Virginia, June 1975.

Dimorphism, Parasitism and Sex: Reproductive Strategies Among Deep-sea Ceratioid Anglerfishes: Department of Biology, California State University, Long Beach, October 1975; Department of Biology, California State University, Fullerton, March 1976; Department of Biology, San Francisco State University, April 1977; School of Fisheries, University of Washington, Seattle, October 1978; Department of Biological Structure, University of Washington, December 1978; Friday Harbor Laboratories, University of Washington, July 1979; Department of Marine Science, University of South Florida, St. Petersburg, April 1985; Friday Harbor Laboratories, University of Washington, June 1985; Department of Fisheries and Wildlife, Oregon State University, Corvallis, Oregon, April 1988; Department of Fisheries, Humboldt State University, Arcata, California, February 1990; Faculty of Fisheries, Hokkaido University, Hakodate, 11 September 1991; Department of Fisheries, Kyoto University, 18 September 1991; Department of Fisheries, Kochi University, Kochi, 24 September 1991; Ocean Research Institute, University of Tokyo, 26 September 1991; Burke Museum of Natural History and Culture, University of Washington, 27 May 1992; Greater Seattle Aquarium Society, 10 November 1993.

The Feeding Mechanism of *Stylephorus chordatus*: Functional and Ecological Implications: Fairbanks, Alaska, June 1976; Department of Biology, California State University, Long Beach, March 1977.

Evolutionary Relationships of the Sea Moths (Teleostei: Pegasidae) with a New Classification of Gasterosteiform Families: Annual Meeting of the American Society of Ichthyologists and Herpetologists, Gainesville, Florida, June 1977.

Evolutionary Relationships of the Sand Lances (Teleostei: Ammodytidae): Field Museum of Natural History, Chicago, February 1978; Annual Meeting of the American Society of Ichthyologists and Herpetologists, Tempe, Arizona, June 1978.

Functional Morphology of the Feeding Mechanism of Shallow Water Anglerfishes of the Genus *Antennarius*: Department of Biology, California State University, Long Beach, March 1978; Department of Biological Sciences, Florida State University, Tallahassee, April 1978; School of Fisheries, University of Washington, Seattle, May 1978; Annual Meeting of the American Society of Ichthyologists and Herpetologists, May 1978; Annual Meeting of the Society for the Protection of Old Fishes, Seattle, Washington, December 1978.

Morphological and Cinematographic Evidence for an Ultra-Fast Feeding Mechanism in Lophiiform Anglerfishes: Department of Zoology, University of Washington, January 1979; School of Fisheries, University of Washington, March 1979; Department of Environmental, Population, and Organismal Biology, University of Colorado at Boulder, April 1993; Greater Seattle Aquarium Society, 8 March 1994; Dean's Club Annual Reception, College of Ocean and Fishery Sciences, University of Washington, 6 April 1994.

The Tetrabrachiidae: A New Family of Lophiiform Fishes Based on *Tetrabrachium ocellatum* Günther (1880), with a New Classification of Antennarioid Families: Annual Meeting of the American Society of Ichthyologists and Herpetologists, Orono, Maine, August 1979.

Systematics and Distribution of Anglerfishes of the Family Antennariidae: International Conference on the Systematics and Evolution of Indo-Pacific Coral Reef Fishes, The Australian Museum, Sydney, September 1981; Annual Meeting of the American Society of Ichthyologists and Herpetologists, Dekalb, Illinois, June 1982.

Systematics and Distribution of Gasterosteiform Fishes of the Family Pegasidae: International Conference on the Systematics and Evolution of Indo-Pacific Coral Reef Fishes, The Australian Museum, Sydney, September 1981.

The Original Manuscript Materials for the *Histoire Naturelle des Poissons* (1828-1849): Sources for Understanding the Fishes Described by Cuvier and Valenciennes: Division of Fishes, National Museum of Natural History, Washington, D.C., July 1983; History of Science Reading Group, Department of Biomedical History, University of Washington, October 1986.

Ontogeny and Systematics of Lophiiform Fishes: Ontogeny and Systematics of Fishes, An International Symposium Dedicated to the Memory of E. H. Ahlstrom, San Diego, August, 1983.

Sea Toads, Sea Mice, and Fishing Frogs: Systematics and Distribution of Shallow Water Anglerfishes of the Family Antennariidae: Department of Zoology, University of Washington,

April 1984; School of Fisheries, University of Washington, May 1985; Friday Harbor Laboratories, University of Washington, June 1985.

The Phylogenetic Relationships of Lophiiform Fishes: Fifth Congress of European Ichthyologists, Stockholm, Sweden, August 1985.

Sea Toads, Sea Mice, and Fishing Frogs: Phylogeny and Functional Morphology of Antennariid Anglerfishes: Department of Marine Science, University of South Florida, St. Petersburg, December 1985.

Phylogenetic Relationships of Trachinoid Fishes of the Family Uranoscopidae: Annual Meeting of the American Society of Ichthyologists and Herpetologists, Albany, New York, June 1987.

Louis Renard (1678/79-1746) and his *Fishes, Crayfishes, and Crabs: A Natural History of the Rarest Curiosities of the Seas of the Indies*: History of Science Reading Group, Department of Biomedical History, University of Washington, October 1987. School of Fisheries, University of Washington, March 1989.

Traditionalism or Cladism, Which has Prevailed: State of the Art Symposium, invited speaker, Annual Meeting of the American Society of Ichthyologists and Herpetologists, Ann Arbor, Michigan, June 1988.

Large Females, Tiny males, and Sexual Parasitism: Reproduction in Deep-sea Devilfishes: Sigma Xi Lecture, Sigma Xi, The Scientific Research Society, University of Washington Chapter, 9 November 1988.

Osteology and Relationships of the Sand Lances (Teleostei: Ammodytidae): Annual Meeting of the American Society of Ichthyologists and Herpetologists, San Francisco, California, June 1989.

Early Collection Building in Puget Sound and Adjacent Waters: The 1880 Expedition of David Starr Jordan and Charles Henry Gilbert: Annual Meeting of the American Society of Ichthyologists and Herpetologists, Charleston, South Carolina, June 1990; Annual Meeting of the Gilbert Ichthyological Society, Hatfield Marine Science Center, Newport, Oregon, 6 October 1990.

Early Ichthyology in Puget Sound: Edwin Chapin Starks (1867-1932) and the “Young Naturalists Society” of Seattle: Annual Meeting of the Gilbert Ichthyological Society, McKenzie Bridge, Oregon, 29 September 1992.

A Revision of the Deep-sea Ceratioid Anglerfish Genus *Lasiognathus* (Lophiiformes: Oneirodidae): Annual Meeting of The Gilbert Ichthyological Society, Randall, Washington, 18 September 1993.

Charles Plumier and His Drawings of French and American Fishes: Gilbert Ichthyological Society, University of Washington, 7 January 1993.

A Blind Date in the Deep Sea: Slides and Stories of Some of the UW Fish Collection's Most Fascinating Species: Burke Museum of Natural History and Culture, University of Washington, 17 February 1994.

Biodiversity of the Kuril Archipelago: Preliminary Results of a Survey and Inventory of the Southern Kuril Islands: Burke Museum of Natural History and Culture, University of Washington, 4 October 1994; Gilbert Ichthyological Society, University of Washington, 21 October 1994; American Institute of Fisheries Research Biologists, Annual Banquet Dinner, 17 November 1994; Faculty of Fisheries, Hokkaido University, Hakodate, Japan, 22 March 1995; Faculty of Science, Hokkaido University, Sapporo, Japan, 24 March 1995.

Sex and the Single Fish: Anglerfish Won't Take No For an Answer: Pre-Game Saturday Seminars, University of Washington, 8 October 1994.

The Role of the University Museum in the United States and Canada: symposium on university-held natural history collections sponsored by the Faculty of Science, Hokkaido University, Sapporo, Japan, 23 March 1995.

Hot Water Gobies: Preliminary Studies of a Unique Hydrothermal Ecosystem on Kunashir Island, Kuril Archipelago: Present State and Scope of Studies on Freshwater and Coastal Fishes of the Asian Far-East, a symposium held in conjunction with the 29th Annual Meeting of the Ichthyological Society of Japan, Hokkaido University, Hakodate, Japan, 4 October 1996.

Modern Day Darwins: UW Scientists Discover New Life Forms on the Russian Kuril Islands: University Rotary Club, Edmond Meany Hotel, Seattle, 6 March 1998.

Undergraduate Research Opportunities at the University of Washington: University of Washington Honor Student Invitational, Hagggett Hall, University of Washington, 18 July 1998.

The International Kuril Island Project: Accomplishments and New Directions: Annual Meeting of the Gilbert Ichthyological Society, Hatfield Marine Science Center, Newport, Oregon, 18 September 1999; Seventh Annual Northwest Regional Conference for Russian, East European, and Central Asian Studies, The Evergreen State College, Olympia, Washington, 14 April 2001; International Symposium on Kuril Island Biodiversity, Sapporo, 20 May 2001.

Modern Day Darwins: Discovering New Life Forms on the Russian Kuril Islands: Burke Museum of Natural History and Culture, University of Washington, 3 February 2000; The Henry Suzzallo Society, Spring Luncheon and Program, University of Washington, 12 June 2000.

The Progress of Systematic Research on Fish Biodiversity: Unknowns in the History of Ichthyology: International Symposium on Diversity of Fishes, Towards a New Horizon of Understanding of Biodiversity, in Commemoration of the Tenth Anniversary of His Majesty the Emperor's Accession to the Throne, National Science Museum, Tokyo, Japan, 24-25 February 2000.

The International Kuril Island Project and the Biotic Surveys and Inventories Program of the U.S. National Science Foundation: International Symposium on Kuril Island Biodiversity, Sapporo, 19 May 2001.

Freshwater Fishes of the Kuril Islands and Adjacent Regions: International Symposium on Kuril Island Biodiversity, Sapporo, 21 May 2001.

Results of the International Kuril Island Project: Patterns of Origin of the Biota of the Kuril Archipelago: Bridges of Science Between North America and the Russian Far East: Past, Present, and Future, An International Conference on the Arctic and North Pacific, Vladivostok, 16 September 2004 (paper senior-authored by Pietsch, oral presentation by Y. N. Zhuravlev).

L' Oeuvre ichthyologique de Charles Plumier, lors de 3 voyages aux Antilles (1689, 1693, et 1695): François J. Meunier, Michel Thireau, Marie-Louise Bauchot, Aline Hamonou-Mahieu, and T. W. Pietsch, Congrès annuel du Comité des Travaux Historiques et Scientifiques, La Rochelle, France, 18-23 April 2005 (oral presentation by F. J. Meunier).

Dimorphism, Parasitism, and Sex Revisited: Reproductive Strategies among Deep-sea Ceratioid Anglerfishes: 7th Indo-Pacific Fish Conference, Taipei, Taiwan, 18 May 2005 (paper sole-authored by Pietsch, oral presentation by C. P. Kenaley).

The Curious Death of Peter Artedi: Petrus Artedi Tercentennial: Symposium on Systematic Ichthyology, The Royal Swedish Academy of Sciences and Swedish Museum of Natural History, Stockholm, Sweden, 13 September 2005; Annual Meeting of the Gilbert Ichthyological Society, Pack Forest, Eatonville, Washington, 1 October 2005; Annual Meeting of the Society for the Protection of Old Fishes, Center for Urban Horticulture, Seattle, 20 October 2006.

Macrobiotic Communities of Vailulu'u Seamount, Samoan Archipelago: American Geophysical Union, fall meeting, San Francisco, 5-9 December 2005 (one of eight authors, paper presented by C. M. Young).

Search for the World's Smallest Vertebrate: Burke Museum of Natural History and Culture, University of Washington, Seattle, 25 May 2006; Annual Meeting of the Gilbert Ichthyological Society, Hatfield Marine Science Center, Newport, Oregon, 23 September 2006; Museu Nacional, Universidade Federal do Rio de Janeiro, Rio de Janeiro, Brazil, 17 May 2007.

The University of Washington Fish Collection: Past, Present, and Future: Docent's Meeting, Burke Museum of Natural History and Culture, University of Washington, Seattle, 10 April 2007; Management Board Meeting, Burke Museum of Natural History and Culture, University of Washington, Seattle, 25 April 2007.

Linnaeus: Prince or Plagiarist: Presented on the Occasion of the 300th Anniversary of the Birth of Carl Linnaeus, Burke Museum of Natural History and Culture, University of Washington, Seattle, 23 May 2007.

Elwha River Biotic Survey and Inventory: Elwha Research Consortium: Fifth Annual Elwha Research and Education Meeting, Peninsula College, Port Angeles, Washington, 24-26 March 2008.

Fossil Handfishes (Teleostei: Lophiiformes: Brachionichthyidae) from the Eocene of Monte Bolca, Italy: Giornate di Paleontologia 2009, IX Edizione, Italian Paleontological Society, Apricena, 29 May 2009 (oral presentation by Giorgio Carnevale).

Early Collection Building in Puget Sound and Adjacent Waters: The 1880 Expedition of David Starr Jordan (1851-1931) and Charles Henry Gilbert (1859-1928): 21st Annual Meeting of the Gilbert Ichthyological Society, Friday Harbor, Washington, 19 September 2009.

Deep-sea Anglerfishes: Biodiversity, Evolutionary Relationships, and Modes of Reproduction: Deep-sea Fish Workshop, National Science Museum, Tokyo, Japan, 5 February 2010; Science Special Interest group (SIG), Mensa of Western Washington, 18 June 2010.

Coprolites Fill the Neurocranium of a Miocene Perciform Fish from Calvert Cliffs, Maryland, U.S.A. (Miocene, Chesapeake Group): Geological Society of America, Northeastern Section (45th Annual) and Southeastern Section (59th Annual) Joint Meeting, Baltimore, Maryland, 15 March 2010 (poster presentation).

Early Ichthyology in Puget Sound: Edwin Chapin Starks (1867-1932) and the Young Naturalists' Society of Seattle: Burke Museum of Natural History and Culture, 21 July 2010.

PUBLIC AND PROFESSIONAL RECOGNITION: Angling in the Dark. *MCZ Newsletter*, Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, 3(3), Spring 1974.

Hydrichthys pietschi, new species (Coelenterata) parasitic on the fish *Ceratias holboelli*: W. E. Martin, *Bulletin of the Southern California Academy of Sciences*, 74(1), 1-5, April 1975.

Energy-Saving Sex in the Dark Abyss. *Science News*, 108(4):59, 26 July 1975.

Fish Story: In Deep-Sea Devotion, It All Starts With Jaws. *Harvard University Gazette*, 71(2), 26 September 1975.

Anglerfish Are Hooked on Togetherness. *The Boston Globe*, 2 October 1975.

Biology Prof Studies Hermaphroditic Fish. *The Daily Forty-Niner*, California State University, Long Beach, 27(30), 14 October 1975.

The deep-sea Anglerfish *Oneirodes eschrichti*, In: Bioluminescence, J. Woodland Hastings, *Oceanus*, 19(2):17-20, Winter 1976.

Fish Likes Breakfast Instant: Prof Studies Anglerfish. *The Daily Forty-Niner*, California State University, Long Beach, 29(99), 7 March 1978.

Fish Has Its Own Lure. *The Blade-Tribune*, San Diego, California, 27 July 1978.

Compleat Angler: Fish's Fake Fish Gets Fish. *Science News*, 114(6):86, 5 August 1978.

An Unlikely Fish in an Unlikely Place. *New York Times*, The Week in Review, 6 August 1978.

Compleat Angler. *Newsweek*, 14 August 1978.

Profile on Anglerfish. Newscenter 4, KNBC-TV, Los Angeles, 23 August 1978.

Fish-swallowing Rock Adds Fun to Research. *Long Beach Press-Telegram*, 6 August 1978.

The Ultimate in Anglerfish. *Conservation News*, 43(20):7, 15 October 1978.

The Compleat Anglerfish. *The Sciences*, New York Academy of Sciences, 18(8):4, October 1978.

Sea Moths Reclassified. *Tropical Fish Hobbyist*, November 1978.

60K to Find Out Why Anglerfish Gulp Their Food. *National Enquirer*, 26 December 1978.

Alluring Fish. *OMNI Magazine*, 1(4):39, January 1979.

This View of Life, A Darwanian Paradox, Stephen J. Gould. *Natural History*, 88(1):33-44, January 1979.

Fish Speed-eating Captured on Film. *Science News*, 116(5):249, October 1979.

Funk and Wagnel, *Science Year Book*, 1979.

Double Trouble. p. 36, In: *The Panda's Thumb*, Stephen J. Gould, W. W. Norton, 1982.

The Anglerfish, In: *Windows on the Mind*, E. Harth, Morrow Press, 1982.

Aggressive Mimicry. p. 378, In: *Animal Behavior, Concepts, Processes, and Methods*, L.C. Drickamer and S. H. Vessey, Willard Grant Press, 1982.

Caulophryne pietschi sp. nov., a new species of anglerfish (Caulophryidae) from the notal regions of the southwestern Pacific Ocean: A. V. Balushkin and V. V. Fedorov, *Vopr. Ikhtiol.*, 25(6): 1035-1037, 1985. [In Russian, English translation in *J. Ichthy.*, 26(1): 151-154, 1986.]

Book reviews of *Frogfishes of the World: Systematics, Zoogeography, and Behavioral Ecology*, T. W. Pietsch and D. B. Grobecker, Stanford University Press, Stanford, California, xxii + 420

pp., 1987: *Choice*, American Library Association, p. 329, December 1987, J. C. Briggs; *Sea Frontiers*, January-February 1988, C. R. Robins; *Science*, 240:1075, cover, 20 May 1988, W. F. Smith-Vaniz; *Animal Behavior*, 36(2):634, 1988, F. A. Huntingford and P. J. Wright; *Bulletin of Marine Science*, 42(2):343-344, 1988, W. J. Richards; *Association of Systematics Collections Newsletter*, 16(4):8, August 1988, R. A. Fritzsche; *Copeia*, 1988(3):804-807, 3 August 1988, M. G. Bradbury; *Journal of Fish Biology*, 32:637-638, 1988, G. W. Potts; *Revue Française d'Aquariologie*, 15(2):57-58, 21 November 1988, B. Conde; *Science and Technology Annual Reference Review*, p. 45, 1989, G. M. A. Cumming, Jr.; *National Geographic Research*, pp. 277-280, Summer, 1989, J. T. Williams; *Biologisches Zentralblatt*, 4, 1989, Kühlmann; *American Zoologist*, 29:1199-1201, 1989, J. H. Caruso.

Incredible World of Animals: Fish Uses Its Own Rod & Lure to Catch Dinner. *National Enquirer*, R. Berlatsky-Kaplan, 10 April 1992.

Marine Organism Mutualism and Phylogenetic Trees. *BioScience*, 43(9): 601, Anna M. Gillis, October 1993.

This Valentine can't slip slide away: Theirs is a sticky relationship. *University Week*, University of Washington, 11(16):1, 3, 10 February 1994.

Do Frogfishes Change their Colorations? *Sea Frontiers*, 40(1):15, Jan./Feb. 1994.

Research Notebook: The Sex Life of Anglerfish on the Surface May Seem Like a Very Fishy Story. *The Oregonian*, 9 March 1994.

Natur und Wissenschaft: Verwirrende Geschlechterrollen. *Frankfurter Allgemeine Zeitung*, 23 March 1994.

Burke Scientists Lead Multi-Nation Study of Disputed Islands. *Pacific Currents*, Newsletter of the Burke Museum of Natural History and Culture, University of Washington, 10(3):6, October 1994.

International Science Team Recovers Rare Species on Disputed Islands. *Frontiers*, Newsletter of the National Science Foundation, December 1994, p. 2.

Politics threaten remote islands, some with plants and animals that have been evolving in isolation for 70 million years. News for Immediate Release, University of Washington, Office of News and Information, 2 June 1995.

Last Chance for Island Species. *New Scientist*, 1 July 1995, p. 7.

Scientists Go to the Ends of the Earth to Collect Specimens. *University Week*, University of Washington, 6 July 1995, p. 8.

The Islands that Time Forgot. Future Scope: Research, Innovation, and Ideas. *The Futurist*, November-December 1995, p. 7.

Scientific Endeavors Around the Globe: Cataloging Species on Long-Isolated Kuril Islands. *The Seattle Times*, 7 November 1995, p. A6.

Feature Publication: *Historical Portrait of the Progress of Ichthyology, from Its Origins to Our Own Time*, T. W. Pietsch, 1995, Johns Hopkins University Press, Baltimore, xxiv + 350 pp. *Fisheries Forum*, 4(1):14, December 1995.

Book reviews of *Fishes, Crayfishes, and Crabs: Louis Renard and His Natural History of the Rarest Curiosities of the Seas of the Indies*, T. W. Pietsch, Johns Hopkins University Press, Baltimore, Vol. 1, Commentary, xxii + 207 pp; Vol. 2, Facsimile, vii + 220 pp., 100 color pls., 1995: Durrant's *The Bookseller*, 11 August 1995; *Journal of the Marine Biological Association of the United Kingdom*, 76(3), 1996; *Freshwater and Marine Aquarium*, 19(5):203, 204, P. A. Lewis; *Bulletin of Marine Science*, 58(3):871-872, W. J. Richards; *Orion*, 16(1):59-60, 71, P. Sauer; *Cybium*, 20(4):412, François Meunier; *Isis*, 87(3):554, P. L. Farber; *Science & Technology Book News*, March 1996; *History Today*, April 1996; *Choice*, 33(11/12), July/August 1996; *Copeia*, 1997(1):241-243, B. Burr.

Book reviews of *Historical Portrait of the Progress of Ichthyology, from Its Origins to Our Own Time*, T. W. Pietsch, Johns Hopkins University Press, Baltimore, xxiv + 350 pp., 1995: Durrant's *The Bookseller*, 11 August 1995; *New Scientist*, 23/30 December 1995, p. 69; *Science & Technology Book News*, December 1995; *Journal of the Marine Biological Association of the United Kingdom*, 76(1), February 1996; *Freshwater and Marine Aquarium*, 19(6):36-37, R. Fenner; *Bulletin of Marine Science*, 58(3):871-872, W. J. Richards; *Copeia*, 1996(3):752-754, Carter R. Gilbert; *Cybium*, 20(4):394, François Meunier; *History and Philosophy of the Life Sciences*, 18(1996):106-108, John P. Wourms; *Investigación y Ciencia*, Caleidoscopio, April 1997, pp. 91-95, Luis Alonso; WetWebMedia.com, Robert Fenner, <http://www.wetwebmedia.com/cuvierrevrev.htm>.

Academy Fights to Maintain Research in the "Wild East." *Science*, 272:1259-1260, Richard Stone, 31 May 1996.

Treasure Islands: Modern-day Charles Darwins Put Ashore on the Remote Islands of the Kuril Archipelago. *Popular Science*, 249(1):58-61, Katie Sauter, July 1996.

International Scientists Survey Species of the Kuril Islands. *Fisheries*, American Fisheries Society, 21(7):44, Dawn Treloar, July 1996.

Ship Swapping Saves Far East Project. *Science*, 273:419, Richard Stone, 26 July 1996.

Storm Watch Over the Kurils: Russia and Japan Contest a Wild Island Chain. *National Geographic*, 190(4):50, 54, "On Assignment," Charles E. Cobb, Jr., October 1996.

AAAS Elects Five UW Faculty as Fellows This Year. *University Week*, University of Washington, 14(7):1, 3, 7 November 1996.

C 102/Charlemont/1685/Louis Renard imprimeur/Guy Decléf: Série C, Histoire Economique et Sociale, *Ardennes Wallonnes*, Givet, France, March 1997, pp. 75-76.

Ichthyologists meet in Seattle. *Shad Journal*, 2(2): 11

A meeting of “ichs and herps”: 77th annual conference of fish- and reptile-lovers comes to UW campus. *The Daily of the University of Washington*, 104(148):6, 2 July 1997.

Whatever’s hooked, he’ll give a look. *Seattle Post-Intelligencer*, Carol Smith, 13 October 1997, pp. B1, B5.

Book reviews of *Collection Building in Ichthyology and Herpetology*, T. W. Pietsch and W. D. Anderson, Jr. (editors), American Society of Ichthyologists and Herpetologists, Special Publication, 3, xiii + 593 pp., 1997: *All Works Considered, Around the Cistern*, 11(3):9, fall 1997; *Copeia*, 1998(2):533-535, 1998, Kate A. Shaw and C. Richard Robins; *Bull. Mar. Sci.*, 62(3):957-958, 1998, W. J. Richards; *Environmental Biology of Fishes*, 55:203-206, 1999, Lynne R. Parenti; *Cybium*, 23(4):400, Nicolas Bailly; *Quarterly Review of Biology*, 74: 353-354, 1999, S. A. Schaefer.

ABCNEWS.com SCIENCE: Scientist oversees huge fish collection. A Fishy Situation. Dr. Ted Pietsch is curator of one of the largest and most fascinating fish collections in the United States. Here he talks about fish, big and small. ABC News On-line (www.abcnews.com), E. J. Gong, Jr., 2 February 1998.

Reinterpreting the Historical Record: *Nature*, 392:453-453, Philippe Taquet, 2 April 1998.

Distinguished teachers earn kudos from students, colleagues: Relaxed style belies the work behind Pietsch’s teaching. *University Week*, University of Washington, 15(24):1, 8, 23 April 1998.

The Best of 1998, Distinguished Teaching Award: *Columns*, the University of Washington Alumni Magazine, June 1998, p. 35.

Distinguished Teaching Award: *The Burke News*, Newsletter for Members and Supporters of the Burke Museum of Natural History and Culture, University of Washington, Summer 1998, p. 7

International Kuril Island Project. *Research in Fisheries*, 1995-1996 Biennial Report of the School of Fisheries, University of Washington, pp. 28-30, 1998.

Fisheries Students in the Kurils: An International Experience: *Research in Fisheries*, 1995-1996 Biennial Report of the School of Fisheries, University of Washington, pp. 31, 1998.

Russian and U.S. Scientists Explore the Kurils: *Vladivostok News*, Mike Eckel, 11 September 1998, p. 4.

Voyagers: A Student and His Mentor: *1998 Report to the State*, University of Washington, September 1998, pp. 6-7.

Display o' Fish: Spawned in 1919, UW Collection is More Fish than You can Shake a Pole At: *The Daily of the University of Washington*, Ruth Streeter, 26 October 1998.

Random Samples: Possible Ainu Site Creates Buzz: *Science*, Richard Stone, Vol. 284, p. 583, 23 April 1999.

Land of the Smoking Volcanoes: From Kamchatka to the Kuril Islands: Burke Museum Events, December 1999—February 2000, p. 2.

School of Fish: Western Wanderings, Our Man in Seattle, Peter Fish, *Sunset*, Pacific Northwest Edition, February 2000, p. 20.

You Asked, We Answered! Experts Reveal the Shocking Truth Behind the Mysteries of Science: Do Fish Pass Gas? *Science World*, 56(10): 22, 21 February 2000.

International Research Group Heads for Kuril Islands: UW Scientists Among Those Studying Biodiversity, Archaeological Sites. *University Week*, University of Washington, Sandra Hines and Joel Schwarz, 17(32): 3, 6 July 2000.

Across the Bering Strait. *The Science Teacher*, October 2000, p. 6.

Fish Favorite: Ted Pietsch . . . elected to honorary membership of the Ichthyological Society of Japan. . . . *University Week*, University of Washington, 19(7): 3, 15 November 2001.

Research in the Russian Far East to the ends of the earth: Trevor Anderson and Margarita Reimer. Undergraduate Research, *Newsletter of the School of Aquatic and Fishery Sciences*, University of Washington, Autumn 2001, pp. 4-5.

Icelinus pietschi sp. nov., and a rare species, *Sigmistes smithi*, from the southern Kuril Archipelago (Scorpaeniformes: Cottidae). *Ichthyological Research*, 48:65-70.

Monster from the deep: Greedy squid gets education instead of dinner: *University Week*, University of Washington, Sandra Hines, 19(24): 5, 25 April 2002.

A Colossal Catch of Calamari: *The Daily*, University of Washington, Brian Alexander, 109(119): 1, 7, 25 April 2002.

Squid in College: *Newsletter of the School of Aquatic and Fishery Sciences*, University of Washington, p. 2, Spring 2002.

Upside Way Down: Video turns fish story on its head: *Science News*, Carol Marzuola, 162(17): 257-272, 26 October 2002.

Into the Wilds of Russia: *LexisNexis*, The Columbia Publishing Co., Erik Robinson, 15 November 2003.

Oneirodes pietschi: A new species of deep-sea ceratioid anglerfish (Lophiiformes: Oneirodidae) from the North Pacific Ocean, *Copeia*, 2004(1): 74-77.

World's Ugliest Fish: Random Samples, Constance Holden, *Science*, 305: 774, 6 August 2004.

Tudsefisk var helt sin egen [after 20 years of preservation at The Natural History Museum, London, a deep-sea fish is discovered and described as new to science], *Illustreret Videnskab*, Copenhagen, 2: 21, January 2005.

Lit From Behind, Lit From Below: The Dreamer Fish, a multimedia exhibit by Eleanor Morgan, Or Gallery, Vancouver, Canada, 19 March—16 April 2005, Liz Bruchet, *Or Gallery Quarterly*, Spring 2005, pp. 14-16.

UW Fish Expert Probes Deep Sea, Nets Award: Ted Pietsch Reels in the Mysteries of Fish Sex, *Seattle Post-Intelligencer*, Lisa Stiffler, Sec. B, pp. 1, 4, 25 July 2005.

Fishy Distinctions: Aquatic and Fishery Sciences Professor Ted Pietsch is the recipient of the Robert H. Gibbs, Jr. Memorial Award for an Outstanding Body of Published Work in Systematic Ichthyology, *University Week*, University of Washington, Campus News and Notes, p. 3, 18 August 2005.

Was Linnaeus responsible for Artedi's demise? The innocent title of Professor Theodore Pietsch's introductory speech was *The Curious Death of Peter Artedi*. The content, however, was mind provoking as well as interesting. The Petrus Artedi Tricentennial Symposium on Systematic Ichthyology, Beijer Hall, the Royal Swedish Academy of Sciences, 13 September 2005, http://artedi.nrm.se/fishbase_se/artedi_symposium.shtml

Lasiognathus amphirhamphus, the Double-hooked Wonderfish: A Deep-sea Anglerfish Trawled from 1300 m on the Madeira Abyssal Plain, Eastern Central Atlantic Ocean: 2006 calendar produced by the graduate students, School of Aquatic and Fishery Sciences, University of Washington, image chosen for the month of December.

Flap Over Fishes: Who's the Smallest of Them All? UW Office of News and Information, 27 January 2006, <http://www.uwnews.org/article.asp?articleID=22209>; BiologyNews.net, 30 January 2006, <http://www.biologynews.net/search.php?search=flap+over+fishes>; Science Daily.com, 30 January 2006, <http://www.sciencedaily.com/releases/2006/01/060130151906.htm>; EurekAlert.com, 30 January 2006, http://www.eurekalert.org/pub_release/2006-01/uow-fof-12706.php; YubaNet.com, 30 January 2006, http://www.yubanet.com/artman/publish/printer_30996.shtml; NewsWise.com, 30 January 2006, <http://www.newswise.com/articles/view/517609>; Innovations Reports: Forum for Science, Industry, and Business, 31 January 2006, http://www.innovations-report.com/html/reports/life_sciences/report-54572.html

Flap Over Fishes in Deciding Who's the Smallest of Them All; "Would it be Length, Volume, or Weight"? UnderwaterTimes.com, The Daily Journal of Life In and Around Water, 28 January 2006, http://www.underwatertimes.com/news.php?article_id=92104371580

World's Smallest Fish Title in Dispute, New Marine Species is 20% Smaller, Mongabay.com, 30 January 2006, <http://news.mongabay.com/2006/0130-uw.html>

Smallest Fish Record Contested, CBC News, Health and Science, 30 January 2006, <http://www.cbc.ca/story/science/national/2006/01/30/fish-tiny060130.html>

Photo in the News: Big Flap Over World's Smallest Fish, NationalGeographic.com, Blake de Pastino, 30 January 2006, http://news.nationalgeographic.com/news/2006/01/0130_060130_smallest_fish.html

Catch of the Day: Researcher Stakes Claim to Tiny-fish Title, *The Seattle Times*, Sandi Doughton, 31 January 2006, pp. B1, 4.

Fishy Tale of Small Fry that Don't Measure Up, *The Telegraph*, Roger Highfield, 31 January 2006, <http://www.telegraph.co.uk/news/main.jhtml?xml=/news/2006/01/31/nfish31.xml>

Fish Fight Breaks Out Over Tiny Catch: Contenders Line Up to New Credit for Smallest Vertebrate, News@Nature.com, Michael Hopkins, 31 January 2006, <http://www.nature.com/news/2006/060130/full/060130-4.html>

Smallest Fish Compete for Honours, BBC News, Rebecca Morelle, 31 January 2006, <http://news.bbc.co.uk/1/hi/sci/tech/4666736.stm>

Expert Disputes Smallest Fish Claim, *Practical Fishkeeping Magazine*, Matt Clark, 31 January 2006, <http://www.practicalfishkeeping.co.uk/pfk/pages/item.php?news=827>

Scientists Duke It Out Over World's Smallest Fish, Playfuls.com, 31 January 2006, http://www.playfuls.com/news_0997_Scientists_Duke_It_Out_Over_Worlds_Smallest_Fish.html

What is the World's Smallest Fish? The Natural History Museum, London, Yvonne Da Silva, 1 February 2006, http://www.nhm.ac.uk/about-us/news/2006/feb/news_7606.html

On the Horizon: A Few Tiny Fish to Fry, *The Christian Science Monitor*, Peter N. Spotts, 2 February 2006, <http://www.csmonitor.com/2006/0202/p16s01-stss.htm>

Fish Tale—2 Pals Vie for Tiniest Find: Brief Global Debate Over Discovery of 2 Wee Species—1/4-inch Long and 1/3-inch Long, *San Francisco Chronicle*, David Pearlman, 2 February 2006, <http://www.sfgate.com/cgi-bin/qws/ff/qr?term=fish&Submit=S&st=s&Go.x=16&Go.y=8>

Small Tale: Parasitic Anglerfish Takes Size Prize, Prof Says, *University Week*, Office of News and Information, University of Washington, Sandra Hines, Vol. 23(15):12, 2 February 2006.

Battle of the Tiddler Vertebrates: If You Are Just a Backbone and a Pair of Testicles, Can You Lay Claim to Being the World's Smallest Vertebrate? *New Scientist*, magazine issue 2537, 4 February 2006, <http://www.newscientist.com/channel/life/mg18925373.400>

New Candidates for Smallest Vertebrate, *Science News, The Weekly Newsmagazine of Science*, Susan Milius, 169(5): 77, 4 February 2006.

Augenblickmal: Hat dieses Ungetüm eine Warze auf dem Rücken? Damit ist die kürzlich in der Fachzeitschrift "Ichthyological Research" veröffentlichte Behauptung, *Sonntags Zeitung*, p. 80, 12 February 2006

Finds Raise Debate Over World's Smallest Fish: Mirror, mirror on the wall . . . who's the smallest of them all? *Washington Post*, Rick Weiss, Staff Writer, 13 February 2006, http://www.washingtonpost.com/wp-dyn/content/article/2006/02/12/AR2006021200740_pf.html

Guinness Record: Aquatic and Fishery Science Professor Ted Pietsch has found a place in the *Guinness Book of World Records*, Campus News & Notes, *University Week, The UW Faculty and Staff Newspaper*, 23(17): 3, 16 February 2006.

What is the Smallest Fish? Mine's Smaller than Yours! Australian Museum Fish Site, Frequently Asked Questions, Mark McGrouther, 7 March 2006, <http://www.amonline.net.au/fishes/faq/smallest.htm>

Short Takes: Only a Scientist Would Brag, "I Once Caught a Fish This Small. . . ." Steve Mirsky, *Scientific American*, April 2006, p. 102.

Samplings: Fish Story in Reverse. Rebecca Kessler, *Natural History Magazine*, 115(3): 32, April 2006.

It's Not the Size of the Fish: Scientists Spar over Who's Got the Smallest. Jessica Ruvinsky, *Discover, Science, Technology, and the Future*, May 2006, p. 14.

Männchen auf dem Buckel: Das aller kleinste Wirbeltier. *Bild der Wissenschaft*, May 2006, p. 14.

FYI: For Some Scientists, Size Really Does Matter. What is the Smallest Animal Found So Far? Dawn Stover, *Popular Science*, 268(6): 81-83, June 2006.

The World's Smallest Fish? New Discoveries Raise an Age-Old Scientific Debate: Andy Isaacson, *Scuba Diving*, June 2006, p. 22.

Smallest Vertebrate. *Guinness World Records 2007*, Guinness World Records Limited, A HIT Entertainment Limited Company, London, p. 41.

Big Father, Little Mother, and the Case for Equity: Faye Flam, *The Philadelphia Inquirer*, 13 December 2006; <http://www.philly.com/mld/inquirer/living/health/16157754.htm>

Carnal Knowledge: Think We Have Gender Inequality? Be Glad You're Not An Anglerfish: *The Seattle Times*, 17 December 2006, p. 4; http://seattletimes.nwsourc.com/html/health/2003479855_carnalknowledge17.html

Editor's Choice, the Top Ten Stories of 2006: My Fish is Smaller Than Yours, Contenders Line Up to Net Credit for Smallest Vertebrate: *News@Nature.com*, 1 January 2007, <http://www.nature.com/news/specials/2006/topten/editorschoice.html>

Discovery of the World's Tiniest-known Vertebrate has Gained Entry in the Guinness Book of World Records: *The Burke News*, Burke Museum of Natural History and Culture, University of Washington, January-March 2007, p. 4.

Campus News and Notes: A Piece of UW Research has Made it Into the Guinness Book of World Records: *University Week*, University of Washington, 24(12), 11 January 2007, p. 3.

World's Smallest Sexually Mature Vertebrate: *Museo-log, Museology Graduate Program Newsletter*, University of Washington, Winter 2007, p. 12.

Catch of the day too ugly for words: *The Australian: Science and Nature*, Brendan O'Keefe, 24 April 2007; <http://www.theaustralian.news.com.au/story/0,20867,21609894-30417,00.html>

Scientists on a mission to rediscover small, ugly Angler Fish: *The World Today*, Lindy Kerin, 24 April 2007; <http://www.abc.net.au/worldtoday/content/2007/s1905589.htm>

Long in the Tooth: *Columns*, The University of Washington Alumni Magazine, 27(2), June 2007, p. 9.

Ichthyology: Pietsch and Carnevale visited Ichthyology to work on fossil anglerfishes: *Occasional Newsletter of the Research and Collections Staff*, Natural History Museum of Los Angeles County, September 2007, p. 16.

Das Kleinste Wirbeltier der Erde . . . oder das allerkleinste oder das allerallerkleinste: Erwin Schraml, *Aquaristik*, May 2007, pp. 56-60.

Rare Albino Ratfish has Eerie, Silvery Sheen: Sandra Hines, *UW Office of News and Information*, 24 September 2007; <http://uwnews.washington.edu/ni/article.asp?articleID=36703>

UW's Albino Ratfish is 1 in 7 Million: Sandi Doughton, *The Seattle Times*, 24 September 2007, pp. A1-A11.

Scientists Discover Rare Albino Ratfish: *Associated Press, the Essential Global News Network*, 24 September 2007; http://hosted.ap.org/dynamic/stories/a/albino_ratfish?site=ap& section=home&template=default

They're Ugly, They Bite, and are "a Pain to Work With": University of Washington scientists find rare albino ratfish off Whidbey Island: *Skagit Valley Herald*, Mount Vernon, Washington, 25 September 2007.

Rare Albino Ratfish Found: Scientists want to educate public about abundant Puget Sound fish: *Tri-City Herald*, Kennewick, Washington, 25 September 2007.

UW Scientists Find Rare Albino Ratfish: *Columbia Basin Herald*, Moses Lake, Washington, 25 September 2007.

Research Notebook: Ratfish is a Whiter Shade of Pale, Surprising Experts: *Oregonian*, Portland, Oregon, 25 September 2007.

Book reviews of *Les Planches inédites de Poissons et autres Animaux marins de l'Indo-Ouest Pacifique d'Isaac Johannes Lamotius*, L. B. Holthuis and T. W. Pietsch, Christian Énard (editor), Publications Scientifiques du Muséum and Bibliothèque Centrale, Muséum National d'Histoire Naturelle, Paris, 292 pp., 93 color pls., 2006: *Isis*, 98:630-631, 2008, Sara T. Scharf; *Archives of Natural History*, 35(1):188, 2008, Brian G. Gardiner.

UW Finds Rare Albino Fish Near Whidbey Island: "They're pretty ugly" and a pain to work with: *Bellingham Herald*, Bellingham, Washington, 25 September 2007.

Scientists Find Rare Albino Ratfish: *Daily Courier*, Grants Pass, Oregon, 25 September 2007.

The Curious Death of Peter Artedi: *Society for the Protection of Old Fishes, News Brief*, October 2007, p. 2.

Something Fishy: Explore the UW's Fish Collection, John McLellan, *The Daily*, University of Washington, 18 October 2007, pp. 1, 3, 7.

Short Subjects: The One that Got Away . . . Until Now: Peter Monaghan, *The Chronicle of Higher Education*, 19 October 2007.

Auf immer und ewig—parasitische Zwergmännchen, Parasiten Überlebenskünstlern auf der Spur: an exhibition titled "Parasites—Live and Let Live," at the Museum of Man and Nature, Munich, 19 October 2007—24 February 2008.

UW Fish Collection Becomes Part of the Burke Museum: *University Week*, the University of Washington Faculty and Staff Newspaper, 1 November 2007; <http://uwnews.org/uweek/uweek/article.asp?visitsource=uwkmil&articleID=37647>

Is This the Only Albino Ratfish Ever Seen? *Wildlife Extra*, 27 November 2007; <http://www.wildlifeextra.com/albino-ratfish243.html>

Burke Lands the UW Fish Collection: *The Burke News*, Burke Museum of Natural History and Culture, University of Washington, January-March 2008, p. 3.

Have Maluku Divers Found a “New” Frogfish? Frogfish Expert Excited and Mystified: *Underwater Australasia*, Andy Shorten, 23 February 2008, <http://www.underwater.com.au/article.php/id/7839/>

Possible NEW SPECIES of Frogfish Discovered by MALUKU DIVERS: *Maluku Divers*, Andy Shorten, 25 February 2008, <http://www.divingmaluku.com/new-frogfish.html>

New fish has a face even Dale Chihuly could love: Office of News and Information, University of Washington, Sandra Hines, 2 April 2008, <http://uwnews.org/article.asp?articleid=40737>; *University Week*, University of Washington, Sandra Hines, 10 April 2008, p. 9.

New Species of Fish Discovered That Would Rather Crawl Into Crevices Than Swim: *ScienceDaily*, 2 April 2008, <http://www.sciencedaily.com/releases/2008/04/080402164131.htm>

Crawling Fish May Be Part of New Family: AP Associated Press, 2 April 2008, <http://ap.google.com/article/ALeqM5j77PIQ196KWipUvpE5fMibdBlMpwD8VQ0D783>

Odd, flat-faced fish may be new species: Creature in Indonesia crawls on its pectoral fins: *Seattle Post-Intelligencer*, Lisa Stiffler, 2 April 2008, http://seattlepi.nwsourc.com/local/357475_oddfish03.html

Crawling fish stumps the experts: *The Seattle Times*, 3 April 2008, http://seattletimes.nwsourc.com/html/localnews/2004324264_dige03m.html

UW Professor Discovers Crawling Fish: 710 KIRO Radio, *MyNorthWest*, Stephanie Klein, 3 April 2008, <http://www.mynorthwest.com/?nid=129&sid=42234>

PHOTO IN THE NEWS: Flat-Faced Crawling Fish Discovered: *National Geographic News*, 4 April 2008, <http://news.nationalgeographic.com/news/2008/04/080403-fish-photo.html>

Crawling Fish May Be Part of New Family: Creature Uses Leg-like Pectoral Fins To Burrow Into Crevices Of Coral Reefs: *MSNBC Technology and Science*, 4 April 2008, <http://www.msnbc.msn.com/id/23925351>

New Flat-Faced Fish Sighted Off Indonesia: Thought to be an Anglerfish, its Two Forward-facing Eyes are a first for the fish world: *Popsci.com*, 4 April 2008, <http://www.popsci.com/scitech/article/2008-04/new-flat-faced-fish-sighted-indonesia>

Crawl, Don't Swim: Science in Picture, *The New York Times*, 4 April 2008, http://www.nytimes.com/slideshow/2008/04/04/science/040408Sciencepix_3.html

Pokémon Fish: New Species of Angler Rears its Head: McGraw-Hill's *Access Science*, 14 April 2008, <http://www.accessscience.com?IOW/iow.aspx?iowID=20>

In the Field for Science: Researchers Share Insects with Students: *Peninsula Daily News*, Paige Dickerson, 7 May 2008.

Surveys Test Effects of Dam Removal: *University Week*, University of Washington, Sandra Hines, 22 May 2008, p. 7.

Honors and Awards: Ted Pietsch named Dorothy T. Gilbert Professor of Ocean and Fishery Sciences, Newsletter of the School of Aquatic and Fishery Sciences, University of Washington, Autumn 2008.

DNA Evidence is in, Newly Discovered Species of Fish Dubbed *H. psychedelica*: Press release, University of Washington News and Information, Sandra Hines, 24 February 2009, <http://uwnews.org/article.asp?articleID=47496>; http://www.eurekalert.org/pub_releases/2009-02/uow-dei022409.php; *University Week*, University of Washington, Sandra Hines, 26(18), 28 February 2009, <http://uwnews.org/uweek/article.aspx?id=47615>

Freaky Fish Has Eyes Like Ours: LiveScience.com, Robin Lloyd, 24 February 2009, <http://www.livescience.com/animals/090224-frogfish.html>

Crawling fish accepted as a new species: Carnivorous frogfish has forward-facing eyes and moves via jet propulsion: *Today*, msnbc.com, Robin Lloyd, 24 February 2009, <http://today.msnbc.msn.com/id/29372056>

Mysterious “yawning fish” discovered off Indonesia: *The Christian Science Monitor*, Discoveries, Pete Spotts, 25 February 2009, <http://features.csmonitor.com/discoveries/2009/02/25/mysterious-yawning-fish-species-discovered-off-indonesia>

Freaky frogfish does the psychedelic hop: *The Great Beyond*, The Nature blog that rounds up science news from around the world, Daniel Cressey, 25 February 2009, http://blogs.nature.com/news/thegreatbeyond/2009/02/freaky_frogfish_does_the_psych.html

Psychedelic fish discovered in Indonesia: *USA Today*, Technology, Science & Space, Robin Mcdowell, Associated Press, 25 February 2009, http://www.usatoday.com/tech/science/discoveries/2009-02-26-psychedelic-fish_N.htm

“Psychedelic” Fish Picture: New Species Bounces on Reef: *National Geographic News*, 26 February 2006, <http://news.nationalgeographic.com/news/2009/02/090226-psychedelic-fish-picture-ap.html>

Groovy: It’s Psychedelica. UW scientists discover new species of anglerfish in Indonesia, a softball-sized creature of wild stripes and turquoise-rimmed eyes: *The Seattle Times*, Sandi Doughton, 28 February 2009, pp, A1, A4; http://seattletimes.nwsourc.com/html/localnews/2008796010_weirdfish28m.html

Is Psychedelica on Tour With The Grateful Dead? *The Burke Museum Blog, Behind the Scenes at the Burke Museum of Natural History and Culture*, Karin Hoffman, 27 February 2009, <http://burkemuseum.blogspot.com>

Psychedelic Frogfish: Science Planet, Discoveries at the Edge: *Blogs at America.gov, Telling America's Story*, Daniel Gorelick, 23 March 2009, <http://blogs.america.gov/science>

The Natural Moment, Angling without an Angle: *Natural History*, American Museum of Natural History, Erin Espelie, photographs by David Hall, June 2009, pp. 5, 6

One Fish, Two Fish, Weird Fish, New Fish: *Columns*, The University of Washington Alumni Magazine, Sarah DeWeerd, June 2009, p. 23.

Where Have You Been Hiding: Bizarre Animals New to Science: Psychedelica Frogfish: *NewScientist*, Caroline Williams, 16 May 2009, p. 36; also on-line at <http://www.newscientist.com/gallery/new-species/3>

World's Weirdest Fish: *Why Evolution is True*: Wordpress.com, Jerry Coyne, June 2009, <http://whyevolutionistrue.wordpress.com/2009/05/13/worlds-weirdest-fish>

Book reviews of *Oceanic Anglerfishes: Extraordinary Diversity in the Deep-sea*, T. W. Pietsch, University of California Press, Berkeley and Los Angeles, xii + 557 pp., 2009: *Customer Reviews*, Amazon.com, 1 October 2009; *Choice*, American Library Association, December 2009, J. C. Briggs; *Environmental Conservation*, Foundation for Environmental Conservation, Christopher J. Sweeting, 2009; *Copeia*, 2010(1):181-182, Karsten Hartel; *Science*, 328:49, 2 April 2010.

Dibrachichthys melanurus, Shallow-water Anglerfish, on Digital Morphology, An NSF Digital Library at the University of Texas at Austin, Jessie Maisano, 27 September 2009, <http://www.digimorph.org>; http://digimorph.org/specimens/Dibrachichthys_melanurus

New "Walking" Fish Named for UW Donor Maggie Walker: *The Burke Museum Blog, Behind the Scenes at the Burke Museum of Natural History and Culture*, Nicole Robert, 28 September 2009, <http://burkemuseum.blogspot.com/2009/09/new-walking-fish-named-for-uw-donor.html>; *University Week*, University of Washington News and Information, Julia Swan, 1 October 2009, <http://uwnews.org/uweek/article.aspx?visitsource=uwksmail&id=52380>

Meet the Maggie Walker Fish, An Ugly Little Critter that Can't Swim but Still Impresses: *Seattle PI*, Fiona Cohen, 11 October 2009, http://www.seattlepi.com/local/410961_fish12.html

Wheels, The Nuts and Bolts of Whatever Moves You: Detroit Thought Small in the 1930s: *The New York Times*, Phil Patton, 18 October 2009, <http://wheels.blogs.nytimes.com/2009/10/14/detroit-thought-small-in-the-1930s>

Styled For the Road: The Art of Automobile Design, 1908–1948, an exhibition of automobile design in America, with original artworks drawn in part from the collection of T. W. Pietsch: The Wolfsonian–Florida International University, Miami Beach, 15 October 2009–31 March 2010.

Smallest Fish: *Guinness World Records 2010*, Guinness World Records Limited, The Jim Pattison Group, London, p. 54.

Fastest-Eating Fish: *Guinness World Records 2010*, Guinness World Records Limited, The Jim Pattison Group, London, p. 54.

The Top 10 Everything of 2009: 6. The World’s Weirdest Fish: “A new species of frogfish from Indonesia may not be the world’s weirdest—but we defy you to find anything more bizarre: TIME in Partnership with CNN, Michael D. Lemonick, 8 December 2009, http://www.time.com/time/specials/packages/article/0,28804,1945379_1944256_1944268,00.html

What is the most abundant fish in Puget Sound? Rats! They’re everywhere! Ted Pietsch, The Burke Museum of Natural History and Culture’s curator of fishes, responds in our second installment of Ask the Burke: *Seattle PI Blogs*, 18 December 2009, <http://blog.seattlepi.com/thebigblog/archives/188667.asp>

2009 Gallery: Images of the Year: Groovy, Meet the Psychedelic Frogfish: *Nature*, 462, p. 976, 24/31 December 2009, <http://www.nature.com/news/specials/2009/gallery/index.html>

Essential Reading: Theodore W. Pietsch hooks a beauty in *Tropical Fishes of the East Indies* (Taschen), Elissa Schappell: *Vanity Fair*, p. 158, March 2010.

Zoologie: Anglerfische binden sich für die Ewigkeit: Zum Valentinstag: Kuriose Liebesgeschichten aus dem Tierreich, *Kölner Stadt-Anzeiger am Wochenende Magazin*, Köln, Jasmin Michels, 13/14 February 2010, pp. 16-17.

Highly Accessed: *BMC Evolutionary Biology*: ranked fourth among most viewed articles in the past thirty days: Evolutionary History of Anglerfishes (Teleostei: Lophiiformes): A Mitogenomic Perspective, *BMC Evolutionary Biology*, 2010, 10(58)1-27, <http://www.Biomedcentral.com/bmcevolbiol/mostviewed>

Browsings: *Oceanic Anglerfishes: Extraordinary Diversity in the Deep Sea*: *Science*, Vol. 328, p. 49, 2 April 2010.

Manual de Curiosos: Los Peces más Extraordinarios del Mundo: *Peces Tropicales de Las Indias Orientales*, *El Mundo*, Sunday Magazine, Madrid, Azucena S. Mancebo, pp. 49-50, 11 April 2010.

Top 10 New Species for 2009, International Institute for Species Exploration, Arizona State University: Far-out Frogfish, *Histiophryne psychedelica*, 22 May 2010, http://species.asu.edu/2010_species05

New species celebrated amid warnings of biodiversity loss: Top 10 new species list includes frogfish, golden orb spider, bug-eating slugs. Coincides with International Day of Biodiversity being marked in 11 countries. CNN Tech, Complete coverage on the Environment, 23 May 2010, <http://us.cnn.com/2010/TECH/science/05/22/biodiversity.new.species/index.html?hpt=C2>

Samuel Fallours and his fantasy fish: Lobsters that live on mountains, fish with top hats on their bellies, and mermaids that utter mouse-like cries. Welcome to the weird world of Samuel Fallours. *New Scientist*, Shanta Barley, 2 June 2010, <http://www.newscientist.com/article/mg20627631.500-samuel-fallours-and-his-fantasy-fish.html>

Histiophryne psychedelica Makes Top-10 New-species List: *University Week*, University of Washington, 3 June 2010, <https://ap14.alpine.washington.edu/alpine/alpine/2.0/browse/0/INBOX>

The Curious Death of Peter Artedi: A Mystery in the History of Science: *Publishers Weekly*, web-exclusive reviews, week of 5/31/2010, <http://www.publishersweekly.com/pw/by-topic/industry-news/publisher-news/article/43353-web-exclusive-reviews-week-of-5-31-10.html>; *Booklist*, American Library Association, Bryce Christensen, 1 October 2010,

The 20 Weirdest Fish in the Ocean: *The Christian Science Monitor*, 22 February 2010, <http://www.csmonitor.com/CSM-Photo-Galleries/In-Pictures/The-20-weirdest-fish-in-the-ocean/%28photo%29/16>

Histiophryne psychedelica, a Bizarre New Species of Frogfish of the Genus *Histiophryne* (Lophiiformes: Antennariidae) from Ambon and Bali, Indonesia. *Copeia*, 2009(1):37-45: the most popular paper for 2009 among journals posted on *BioOne*, receiving more than 1820 hits.

Top 10 new species of 2009 named: Weird and wild picks include bomb-dropping worm, frogfish with psychedelic skin. Science on MSNBC.com, John Roach, 21 July 2010, http://www.msnbc.msn.com/id/38347897/ns/technology_and_science-science

Swimming with the Big Fishes, a Zenith in Zoological Illustration: Early 18th century hand-colored, almost surrealistic paintings of tropical fishes of the East Indies, Taschen 30th Anniversary catalogue of books, Spring/Summer 2010.

Living World/Unusual Organisms: The Fish That Fishes: The anglerfish is equally nightmarish, mysterious, and interesting. *Discover Magazine*, Jocelyn Rice, June 2010, published on-line, 28 September 2010, <http://discovermagazine.com/2010/jun/25-sliced-anglerfish-that-fishes>

Pietsch elected to the Washington State Academy of Sciences. *The Insider, News for faculty, Staff & Students*, College of the Environment, University of Washington, October 2010: <https://ap34.alpine.washington.edu/alpine/alpine/2.0/browse/0/INBOX>

- PUBLICATIONS:** Pietsch, T. W. 1969. A remarkable new genus and species of deep-sea anglerfish (family Oneirodidae) from off Guadalupe Island, Mexico. *Copeia*, 1969: 365-369.
- Pietsch, T. W., and B. Nafpaktitis. 1971. A male *Melanocetus* attached to a female *Centrophryne* (Pisces: Ceratioidei) *Copeia*, 1971: 322-324.
- Pietsch, T. W. 1972. A review of the monotypic deep-sea anglerfish family Centrophrynidae: Taxonomy, distribution, and osteology. *Copeia*, 1972: 17-47.
- Pietsch, T. W. 1972. A second specimen of the deep-sea anglerfish, *Phyllorhinichthys micractis* (family Oneirodidae), with a histological description of the snout flaps. *Copeia*, 1972: 335-340.
- Pietsch, T. W. 1972. Systematics and distribution of ceratioid anglerfishes of the genus *Dolopichthys* (family Oneirodidae), with the Description of a new species. *Arch. FischWiss.*, 23(1): 1-28.
- Pietsch, T. W. 1973. *The Osteology and relationships of ceratioid anglerfishes of the family Oneirodidae with a review of the genus Oneirodes Lütken*. Unpublished Ph.D. dissertation, University of Southern California, Los Angeles, California, 504 ms pp., 126 figs.
- Pietsch, T. W. 1973. A new genus and species of deep-sea anglerfish (family Oneirodidae) from the North Pacific Ocean. *Copeia*, 1973: 193-199.
- Pietsch, T. W. 1974. The Osteology and relationships of ceratioid anglerfishes of the family Oneirodidae with a review of the genus *Oneirodes* Lütken. *Bull. Los Angeles Co. Mus. Nat. Hist., Sci.*, 18: 1-113 (doctoral dissertation).
- Pietsch, T. W. 1974. Systematics and distribution of ceratioid anglerfishes of the genus *Lophodolos* (Family Oneirodidae). *Breviora*, 425: 1-19.
- Pietsch, T. W. 1975. Systematics and distribution of ceratioid anglerfishes of the genus *Chaenophryne* (family Oneirodidae). *Bull. Mus. Comp. Zool.*, 147(2): 75-100.
- Pietsch, T. W. 1975. Precocious sexual parasitism in the deep-sea ceratioid anglerfish *Cryptopsaras couesi* Gill. *Nature*, 256: 38-40.
- Bertelsen, E., and T. W. Pietsch. 1975. Osteology and relationships of the ceratioid anglerfish genus *Spiniphryne* (family Oneirodidae). *Arch. FischWiss.*, 26(1): 1-11.
- Pietsch, T. W. 1976. Dimorphism, parasitism and sex: Reproductive strategies among deep-sea anglerfishes. *Copeia*, 1976: 781-793.

- Bertelsen, E., and T. W. Pietsch. 1977. Results of the research cruises of the FRV "Walther Herwig" to South America. XLVII. Ceratioid anglerfishes of the family Oneirodidae collected by the FRV "Walther Herwig." *Arch. FischWiss.*, 27(3): 171-189.
- Seigel, J. A., T. W. Pietsch, B. H. Robison, and T. Abe. 1977. *Squaliolus sarmenti* and *S. alii*, synonyms of the dwarf deep-sea shark, *Squaliolus laticaudus*. *Copeia*, 1977: 788-791.
- Seigel, J. A., and T. W. Pietsch. 1978. A new species of the ceratioid anglerfish genus *Oneirodes* (Pisces: Lophiiformes) from the Indo-west Pacific. *Copeia*, 1978: 11-13.
- Pietsch, T. W. 1978. The feeding mechanism of *Stylephorus chordatus* (Teleostei: Lampridiformes): Functional and ecological implications. *Copeia*, 1978: 225-262.
- Pietsch, T. W. 1978. A new genus and species of deep-sea anglerfish from the eastern North Pacific Ocean with a review of the allied genera *Leptacanthichthys*, *Chirophryne*, and *Ctenochirichthys* (family Oneirodidae). *Contrib. Sci., Los Angeles Co. Mus. Nat. Hist.*, 297: 1-25.
- Pietsch, T. W., and D. B. Grobecker. 1978. The compleat angler: Aggressive mimicry in an antennariid anglerfish. *Science*, 201(4353): 369-370.
- Pietsch, T. W. 1978. Evolutionary relationships of the Sea Moths (Teleostei: Pegasidae) with a classification of gasterosteiform families. *Copeia*, 1978: 517-529.
- Grobecker, D. B., and T. W. Pietsch. 1978. Second specimen of the rare deep-sea anglerfish *Oneirodes macronema*. *Copeia*, 1978: 547-548.
- Pietsch, T. W. 1978. Antennariidae. 3 pp., unpagged, In: *FAO Species Identification Sheets for Fishery Purposes. Western Central Atlantic (Fishing Area 31)*. Food and Agriculture Organization of the United Nations, Rome. Vol. I.
- Grobecker, D. B., and T. W. Pietsch. 1978. Crows use automobiles as nutcrackers. *The Auk*, 95(4): 760-761.
- Pietsch, T. W. 1979. Ceratioid anglerfishes of the family Caulophrynidae with the description of a new genus and species from the Banda Sea. *Contrib. Sci., Nat. Hist. Mus. Los Angeles Co.*, 310: 1-25.
- Grobecker, D. B., and T. W. Pietsch. 1979. High-speed cinematographic evidence for ultrafast feeding in antennariid anglerfishes. *Science*, 205: 1161-1162.
- Pietsch, T. W., and J. P. Van Duzer. 1980. Systematics and distribution of ceratioid anglerfishes of the family Melanocetidae with the description of a new species from the Eastern North Pacific Ocean. *U.S. Fish. Bull.*, 78(1): 59-87.

- Pietsch, T. W., and D. B. Grobecker. 1980. Parental care as an alternative reproductive strategy in antennariid anglerfishes. *Copeia*, 1980: 551-553.
- Pietsch, T. W., and R. J. Lavenberg. 1980. A fossil ceratioid anglerfish from the Late Miocene of California. *Copeia*, 1980: 906-908.
- Pietsch, T. W., and J. A. Seigel. 1980. Ceratioid anglerfishes of the Philippine Archipelago with descriptions of five new species. *U.S. Fish. Bull.*, 78(2): 379-399.
- Bertelsen, E., T. W. Pietsch and R. J. Lavenberg. 1981. Ceratioid anglerfishes of the family Gigantactinidae: Morphology, systematics and distribution. *Nat. Hist. Mus. Los Angeles Co., Contrib. Sci.*, 332: 1-74.
- Pietsch, T. W. 1981. Storage tanks for large specimens. *Curation Newsletter*, American Society of Ichthyologists and Herpetologists, 2: 2.
- Pietsch, T. W. 1981. The osteology and relationships of the anglerfish genus *Tetrabrachium* with comments on lophiiform classification. *U.S. Fish. Bull.*, 79(3): 387-419.
- Pietsch, T. W., and D. B. Grobecker. 1981. Antennariid anglerfishes: Aggressive mimics of the reef. *Anima*, 105(12): 11-15 (in Japanese).
- Pietsch, T. W. 1981. Antennariidae. 2 pp., unpagged, In: *FAO Species Identification Sheets for Fishery Purposes. Eastern Central Atlantic (Fishing Area 34 and part of 47)*. Food and Agriculture Organization of the United Nations, Rome, Vol. I.
- Pietsch, T. W. 1982. "Chicken of the Woods," a bracket fungus, *Polyporus sulphureus* (approx. 20 cm across), on a rotting stump of alderwood on the outskirts of Seattle, Washington [cover photograph of *Bioscience* 32(1), 1982].
- Pietsch, T. W. 1982. Ichthyology at the University of Washington. *Copeia*, 1982: 245-246.
- Pietsch, T. W. 1982. Arthur Donovan Welander (1908-1982). *Copeia*, 1982: 737 (obituary).
- Bertelsen, E., and T. W. Pietsch. 1983. Ceratioid anglerfishes of Australia. *Rec. Aust. Mus.*, 35(2): 233-265.
- Pietsch, T. W. 1984. Louis Renard's fanciful fishes. *Nat. Hist.*, New York, 93(1): 58-67.
- Pietsch, T. W. 1984. The genera of frogfishes (family Antennariidae). *Copeia*, 1984(1): 27-44.
- Pietsch, T. W. 1984. Lophiiformes: Development and relationships. pp. 320-325, In: H. G. Moser, W. J. Richards, D. M. Cohen, M. P. Fahay, A. W. Kendall, Jr., and S. L. Richardson (editors), *Ontogeny and Systematics of Fishes*. Amer. Soc. Ichthy. Herpet. Spec. Publ. No. 1.

- Pietsch, T. W. 1984. A review of the frogfish genus *Rhycherus* Ogilby with the description of a new species from Western and South Australia. *Copeia*, 1984(1): 68-72.
- Pietsch, T. W. 1984. Louis Renard's *Poissons, Ecrevisses et Crabes*. Soc. Hist. Nat. Hist., *Newsletter*, Series 2, 22: 8-9.
- Pietsch, T. W., and R. H. Kuitert. 1984. A new species of frogfish of the genus *Echinophryne* (family Antennariidae) from southern Australia. *Rev. Fr. Aquariol. Herpet.*, 11(1): 23-26.
- Pietsch, T. W. 1984. Antennariidae. 2 pp., unpagged, In: *FAO Species Identification Sheets for Fishery Purposes. Western Indian Ocean (Fishing Area 51)*. Food and Agriculture Organization of the United Nations, Rome, Vol. I.
- Bertelsen, E., and T. W. Pietsch. 1984. Results of the research cruises of FRV "Walther Herwig" to South America. LXIII. A resurrection of the deep-sea anglerfish *Cerantias tentaculatus* (Norman, 1930), with notes on the occurrence of the species of *Cerantias* in the Atlantic Ocean (Pisces: Lophiiformes). *Arch. FischWiss.*, 35(1/2): 43-51.
- Pietsch, T. W. 1984. Enlarged cartilages in the protrusible upper jaws of teleost fishes: Phylogenetic and functional implications. *Copeia*, 1984(4): 1011- 1015.
- Pietsch, T. W., and D. B. Grobecker. 1985. Frogfishes: Aggressive mimics of the reef. *Fresh. Mar. Aquar.*, 8(4): 10-16.
- Pietsch, T. W. 1985. The functional morphology of the feeding mechanism of shallow water anglerfishes of the family Antennariidae. *National Geographic Soc., Res. Rept.*, 18: 593-600.
- Pietsch, T. W. 1985. The manuscript materials for the *Histoire Naturelle des Poissons*, 1828-1849: Sources for understanding the fishes described by Cuvier and Valenciennes. *Arch. Nat. Hist.*, 12(1): 59-108.
- Pietsch, T. W. 1985. Mr. Guyot and his universal preservative. Soc. Hist. Nat. Hist., *Newsletter*, Series 2, 26: 4-5.
- Pietsch, T. W. 1986. The original manuscript sources for the *Histoire Naturelle des Poissons*, 1828-1849: Keys to understanding the fishes described by Cuvier and Valenciennes. *Copeia*, 1986(1): 216-219.
- Pietsch, T. W. 1986. Systematics and distribution of bathypelagic anglerfishes of the family Ceratiidae (order: Lophiiformes). *Copeia*, 1986(2): 479-493.
- Pietsch, T. W. 1986. Fallours, S. Fishes of the Indo-West Pacific: A collection of handcoloured drawings [the Von Behr Manuscript]. *Natural History & Travel*, Catalogue 241, Antiquariaat Junk, Amsterdam, item 74, pp. 36-39 (also published in

- Hydrobiology*, Catalogue 246, Antiquariaat Junk, item 45, unpagged, 1987; *Natural History & Travel*, Catalogue 252, Antiquariaat Junk, Amsterdam, item 87, pp. 43-47, 1988; *Natural History & Travel*, Catalogue 256, Antiquariaat Junk, Amsterdam, item 328, p. 51, 1990).
- Pietsch, T. W. 1986. [Order Lophiiformes: introduction and key to families; families Antennariidae, Ceratiidae, Oneirodidae, Melanocetidae, Himantolophidae, and Diceratiidae.] pp. 362-363, 366-369, 373-377, In: M. M. Smith and P. C. Heemstra (editors), *Smiths' Sea Fishes*, Macmillan South Africa Ltd.
- Pietsch, T. W. 1986. Family Antennariidae (including Pterophrynidae). pp. 1364-1368, In: P. J. P. Whitehead, M.-L. Bauchot, J.-C. Hureau, J. Nielsen, and E. Tortonese, *Fishes of the Northeastern Atlantic and Mediterranean* (FNAM), Vol. 3, UNESCO.
- Caruso, J. H., and Pietsch, T. W. 1986. Family Chaunacidae. pp. 1369-1370, In: P. J. P. Whitehead, M.-L. Bauchot, J.-C. Hureau, J. Nielsen, and E. Tortonese, *Fishes of the Northeastern Atlantic and Mediterranean* (FNAM), Vol. 3, UNESCO.
- Pietsch, T. W., M.-L. Bauchot, and M. Desoutter. 1986. Catalogue critique des types de Poissons de Muséum national d'Histoire naturelle (Suite) Ordre des Lophiiformes. *Bull. Mus. Nat. Hist. Nat.*, Paris, Sér. 4, Sec. A, 8: 131-156.
- Pietsch, T. W., and J. E. Randall. 1987. First Indo-Pacific occurrence of the deep-sea ceratioid anglerfish, *Diceratias pileatus* (Lophiiformes: Diceratiidae). *Japan. J. Ichthy.*, 33(4): 419-421.
- Leipertz, S. L., and T. W. Pietsch. 1987. A new species of ceratioid anglerfish of the genus *Dolopichthys* (Pisces: Lophiiformes) from the Western Atlantic Ocean. *Copeia*, 1987(2): 406-409.
- Swinney, G. N., and T. W. Pietsch. 1988. A new species of the ceratioid anglerfish genus *Oneirodes* (Pisces: Lophiiformes) from the eastern North Atlantic off Madeira. *Copeia*, 1988(4): 1054-1056.
- Pietsch, T. W., and D. M. Rubiano. 1988. On the date of publication of the first edition of Louis Renard's *Poissons, Ecrevisses et Crabes: Histoire Naturelle des plus Rares Curiositez de la Mer des Indes*. *Arch. Nat. Hist.*, 15(1): 63-71.
- Pietsch, T. W. 1989. Phylogenetic relationships of trachinoid fishes of the family Uranoscopidae. *Copeia*, 1989(2): 253-303.
- Pietsch, T. W., and H. Kishimoto. 1989. *Uranoscopus chinensis* Guichenot, in Sauvage, 1882, a senior synonym of *Uranoscopus flavipinnis* Kishimoto, 1987 (Pisces: Uranoscopidae). *Copeia*, 1989(3): 743-745.

- Palsson, W. A., and T. W. Pietsch. 1989. Revision of the acanthopterygian fish family Pegasidae (order Gasterosteiformes). *Indo-Pacific Fishes*, 18, 38 pp.
- Pietsch, T. W., and C. P. Zabetian. 1990. Osteology and interrelationships of the sand lances (Perciformes: Ammodytidae). *Copeia*, 1990(1): 78-100.
- Pietsch, T. W. 1990. Gilbert Ichthyological Society. *Copeia*, 1990(1): 281.
- Pietsch, T. W. 1990. [Families Ceratiidae, Oneirodidae, and Melanocetidae.] pp. 210-214, In: O. Gon and P. C. Heemstra (editors), *Fishes of the Southern Ocean*. J. L. B. Smith Institution of Ichthyology, Grahamstown, South Africa.
- Pietsch, T. W. 1990. [Families Antennariidae and Chaunacidae.] pp. 481-489, In: *Check-list of the fishes of the Eastern Tropical Atlantic (CLOFETA)*, UNESCO, Vol 1.
- Pietsch, T. W. 1990. Family Stylephoridae. p. 652, In: *Check-list of the fishes of the Eastern Tropical Atlantic (CLOFETA)*, UNESCO, Vol. 2.
- Pietsch, T. W., and D. B. Grobecker. 1990. Frogfishes: masters of aggressive mimicry, these voracious carnivores can gulp prey faster than any other vertebrate predator. *Sci. Amer.*, 262(6): 96-103, June 1990.
- Pietsch, T. W. 1990. Ichthyology at the University of Washington. *ASC Newsletter*, 18(3): 37, 40.
- Pietsch, T. W. 1990. Systematic ichthyology at the University of Washington. *Copeia*, 1990(3): 908-910.
- Pietsch, T. W., and D. B. Grobecker. 1990. Fühlerfische—getarnte Angler: Diese Meister der Angriffsmimikry saugen ihr ahnungsloses Opfer schneller ins Maul, als irgendein anderes räuberisches Wirbeltier zuzuschnappen vermag. Schwimmen können sie mit Düsenantrieb, aber mit den Flossen auch klettern, schreiten und galoppieren. *Spektrum der Wissenschaft*, pp. 74-82, August 1990.
- Pietsch, T. W. 1991. Samuel Fallours and his “Sirenne” from the Province of Ambon. *Arch. Nat. Hist.*, 18(1): 1-25.
- Pietsch, T. W. 1991. Another criminal as naturalist: Isaac Johannes Lamotius. *Soc. Hist. Nat. Hist., Newsletter*, Series 2, 42: 9-10.
- Pietsch, T. W., D. B. Grobecker, and B. Stockley. 1992. The sargassum frogfish, *Histrio histrio* (Linnaeus) (Lophiiformes: Antennariidae), on the Pacific Plate. *Copeia*, 1992(1): 247-248.
- Pietsch, T. W. 1992. [Fishes that Live on Dry Land] Letters to the Editor. *Isis*, 83(2): 289-290.

- Pietsch, T. W., and L. B. Holthuis. 1992. Lamotius and his Marine Marvels. *Nat. Hist.*, New York, 101(10): 34-39.
- Shedlock, A. M., J. D. Parker, D. A. Crispin, T. W. Pietsch, and G. C. Burmer. 1992. Evolution of the Salmonid Mitochondrial Control Region. *Molec. Phylog. Evol.*, 1(3): 179-192.
- Pietsch, T. W. 1993. On the Three Editions of Louis Renard's *Poissons, Ecrevisses et Crabes: Histoire Naturelle des plus Rares Curiositez de la Mer des Indes*. *Arch. Nat. Hist.*, 20(1): 49-68.
- Pietsch, T. W. 1993. Systematics and Distribution of Cottid Fishes of the Genus *Triglops* Reinhardt (Teleostei: Scorpaeniformes). *Zool. J. Linn. Soc.*, London, 109(4): 335-393.
- Orr, J. W., and T. W. Pietsch. 1994. Pipefishes and their allies. pp. 168-172, In: *Encyclopedia of Fishes*, J. R. Paxton and W. N. Eschmeyer (editors), University of New South Wales Press, Sydney, Australia.
- Pietsch, T. W. 1994. Family Antennariidae. pp. 285-297, In: *The Fishes of Australia's South Coast*, M. F. Gomon, D. J. M. Glover, and R. H. Kuitert (editors), State Print, Adelaide, Australia.
- Stearn, D., and T. W. Pietsch. 1995. [Families Caulophrynidae, Ceratiidae, Gigantactinidae, Linophrynidae, Melanocetidae, and Oneirodidae.] pp. 131-144, In: O. Okamura *et al.* (editors), *Fishes collected by the R/V Shinkai Maru around Greenland*. Japan Marine Fishery Resources Research Center, Tokyo.
- Pietsch, T. W. 1996. Editorial News and Notes: 1997 ASIH Meetings. *Copeia*, 1996(1): 238-239.
- Bertelsen, E., and T. W. Pietsch. 1996. A revision of the deep-sea anglerfish genus *Lasiognathus* (Lophiiformes: Thaumatchthyidae), with the description of a new species. *Copeia*, 1996(2): 401-409.
- Pietsch, T. W. 1996. Family Antennariidae (including Pterophrynidae). In: P. J. P. Whitehead, M.-L. Bauchot, J.-C. Hureau, J. Nielsen, and E. Tortonese, *Fishes of the North-eastern Atlantic and Mediterranean*, The World Biodiversity Database CD-ROM Version, ETI, Multimedia Interactive Software, UNESCO.
- Bertelsen, E., and Pietsch, T. W. 1996. General remarks for the suborder Ceratioidei and accounts of families Caulophrynidae, Melanocetidae, Himantolophidae, Diceratiidae, Oneirodidae, Thaumatchthyidae, and Linophrynidae. In: P. J. P. Whitehead, M.-L. Bauchot, J.-C. Hureau, J. Nielsen, and E. Tortonese, *Fishes of the North-eastern Atlantic and Mediterranean*, The World Biodiversity Database CD-ROM Version, ETI, Multimedia Interactive Software, UNESCO.

- Saruwatari, T., J. A. López, and T. W. Pietsch. 1997. A revision of the osmerid genus *Hypomesus* Gill (Teleostei: Salmoniformes), with the description of a new species from the southern Kuril Islands. *Species Diversity*, 2(1): 59-82.
- Anderson, W. D., Jr., and T. W. Pietsch. 1997. Collection Building: An Overview. pp. 3-10, In: T. W. Pietsch and W. D. Anderson, Jr. (editors), *Collection Building in Ichthyology and Herpetology*. Amer. Soc. Ichthy. Herp., Spec. Publ., 3.
- Pietsch, T. W., and J. R. Dunn. 1997. Early collection building in Puget Sound and adjacent waters: the 1880 expedition of David Starr Jordan (1851-1931) and Charles Henry Gilbert (1859-1928). pp. 279-290, In: T. W. Pietsch and W. D. Anderson, Jr. (editors), *Collection Building in Ichthyology and Herpetology*. Amer. Soc. Ichthy. Herp., Spec. Publ., 3.
- Pietsch, T. W. 1997. Early ichthyology in Puget Sound: Edwin Chapin Starks (1867-1932) and the Young Naturalists' Society of Seattle. pp. 311-322, In: T. W. Pietsch and W. D. Anderson, Jr. (editors), *Collection Building in Ichthyology and Herpetology*. Amer. Soc. Ichthy. Herp., Spec. Publ., 3.
- Shedlock, A. M., M. G. Haygood, T. W. Pietsch, and P. Bentzen. 1997. Enhanced DNA extraction and PCR amplification of mitochondrial genes from formalin-fixed museum specimens. *BioTechniques*, 22(3): 394-400.
- Saruwatari, T., J. A. López, and T. W. Pietsch. 1997. Cyanine blue: a versatile stain for specimen observation. *Copeia*, 1997(4): 840-841.
- Stewart, A. L., and T. W. Pietsch. 1998. The ceratioid anglerfishes (Lophiiformes: Ceratioidei) of New Zealand. *J. Roy. Soc. N. Z.*, 28(1): 1-37.
- Bertelsen, E., and T. W. Pietsch. 1998. Anglerfishes. pp. 137-141, In: J. R. Paxton and W. N. Eschmeyer (editors), *Encyclopedia of Fishes*, 2nd edition, University of New South Wales Press, Sydney, Australia.
- Orr, J. W., and T. W. Pietsch. 1998. Pipefishes and their allies. pp. 168-172, In: J. R. Paxton and W. N. Eschmeyer (editors), *Encyclopedia of Fishes*, 2nd edition, University of New South Wales Press, Sydney, Australia.
- Bertelsen, E., and T. W. Pietsch. 1998. Revision of the deepsea anglerfish genus *Rhynchactis* Regan (Lophiiformes: Gigantactinidae), with descriptions of two new species. *Copeia*, 1998(3): 583-590.
- Pietsch, T. W. 1999. Louis Renard: *Poissons, Ecrevisses et Crabes, de Diverses Couleurs et Figures Extraordinaires. 1754 Edition*. Commentary by Theodore W. Pietsch. CD-ROM, Octavo Digital Rare Books, Oakland, California [www.octavo.com].

- Balanov, A. A., K. Amaoka, and T. W. Pietsch. 1999. Redescription and first record of the prickleback fish *Alectridium aurantiacum* (Perciformes: Stichaeidae) from the Central Kuril Islands. *Species Diversity*, 4(2): 389-396.
- Pietsch, T. W. 1999. *Guidelines for Hosting ASIH Meetings*. Published electronically on the web-site of the American Society of Ichthyologists and Herpetologists: <http://www.utexas.edu/depts/asih>, 78 pp.
- Pietsch, T. W. 1999. [Lophiiform families: Antennariidae, Tetrabrachiidae, Lophichthyidae, and the 11 families of the deep-sea Ceratioidei.] pp. 2013-2019, 2026-2037, In: *FAO Species Identification Sheets for Fishery Purposes. Western Central Pacific (Fishing Area 71 and the southwestern part of Area 77)*. Food and Agriculture Organization of the United Nations, Rome. Vol. 3, Batoid fishes, Chimaeras, and Bony fishes Part 1 (Elopidae to Linophryniidae).
- Pietsch, T. W., and W. A. Palsson. 1999. Order Gasterosteiformes, Family Pegasidae. p. 2262, In: *FAO Species Identification Sheets for Fishery Purposes. Western Central Pacific (Fishing Area 71 and the southwestern part of Area 77)*. Food and Agriculture Organization of the United Nations, Rome. Vol. 4, Bony fishes Part 2 (Mugilidae to Carangidae).
- López, J. A., P. Bentzen, and T. W. Pietsch. 2000. Phylogenetic relationships of esocoid fishes (Teleostei) based on partial cytochrome b and 16S mitochondrial DNA sequences. *Copeia*, 2000(2): 420-431.
- Pietsch, T. W. 2000. Fallours, S. Album of paintings of Indo-Pacific tropical fish and crustaceans [the Lidth de Jeude Manuscript]. *Natural History & Travel, Catalogue 279*, Antiquariaat Junk, Amsterdam, item 51, pp. 103-105.
- Amaoka, K., K. Nakaya, M. Yabe, A. Soma, S. Kawasaki, K. Nisida, S. Masaoka, and T. W. Pietsch. 2000. Inshore and freshwater fishes of the Kuril Archipelago. pp. 15-28, In: K. Amaoka (ed.), *Species Diversity of Fishes in the Kuril Archipelago*, Faculty of Fisheries, Hokkaido University, Hakodate, Hokkaido, Japan.
- Pietsch, T. W. 2001. Charles Plumier (1646-1704) and his drawings of French and American fishes. *Arch. Nat. Hist.*, 28(1): 1-57.
- Pietsch, T. W. 2001. Charles Plumier (1646–1704) and his drawings of French and American fishes: concordance with equivalent illustrations found in the vellums of Aubriet and published works of Gautier d’Agoty, Bloch, Lacepède, Bloch and Schneider, and Cuvier and Valenciennes. *Arch. Nat. Hist.*, 28(2): 261-268.
- Pietsch, T. W. 2001. [Contributor and consultant on section covering fishes. pp. 460-521] In: D. Burnie and D. E. Wilson, Editors-in-Chief, *Animal: The definitive visual guide to the world’s wildlife*, DK Publishing, Inc., New York, and the Smithsonian Institution, Washington, D.C., 624 pp.

- Pietsch, T. W. 2001. The finest illustrated work on fishes ever produced: Bloch, Marcus Elieser, *Ichthyologie, ou Histoire naturelle, générale et particulière des poissons*, par Marc Eliésér Bloch, Chez l'auteur, Berlin, 1785-1797. pp. 240-241, In: *The world from here: Treasures of the great libraries of Los Angeles*, Hammer Museum, University of California at Los Angeles, October 2001.
- Pietsch, T. W., K. Amaoka, D. E. Stevenson, E. L. MacDonald, B. K. Urbain, and J. A. López. 2001. Freshwater fishes of the Kuril Islands and adjacent regions. *Species Diversity*, 6(2): 133-164.
- Saruwatari, T., T. W. Pietsch, A. Shedlock, *et al.* 2001. Sibling analysis between female and parasitic males of a ceratioid anglerfish (*Cryptopsaras couesi*, Ceratiidae, Teleostei). *DNA Polymorphism*, 9: 82-85.
- Pietsch, T. W. 2001. [Review of] *Saltwater Game Fishes of the World: An Illustrated History*, by Bob Dunn and Peter Goadby, Australian Fishing Network, xii+ 292 pp. *Copeia*, 2001(4): 1169-1172.
- Bertelsen, E., and T. W. Pietsch. 2002. A new species of deep-sea anglerfish of the genus *Gigantactis* (Lophiiformes: Gigantactinidae) from the Western North Atlantic Ocean. *Copeia*, 2002(4): 958-961.
- Pietsch, T. W. 2002. Frogfishes, family Antennariidae. pp. 270-272, In: B. B. Collette and G. Klein-MacPhee (editors), *Bigelow and Schroeder's Fishes of the Gulf of Maine*, 3rd edition, Smithsonian Institution Press, Washington and London.
- Pietsch, T. W. 2002. Seadevils or deep-sea anglerfishes, family Ceratiidae. pp. 274-276, In: B. B. Collette and G. Klein-MacPhee (editors), *Bigelow and Schroeder's Fishes of the Gulf of Maine*, 3rd edition, Smithsonian Institution Press, Washington and London.
- Pietsch, T. W. 2002. [Lophiiform families: Antennariidae and 11 families of the deep-sea Ceratioidei.] pp. 1050-1051, 1057-1070, In: *FAO Species Identification Guide for Fishery Purposes. The Living Marine Resources of the Western Central Atlantic (Fishing Area 31)*. Food and Agriculture Organization of the United Nations, Rome. Vol. 2, Bony fishes, pt. 1 (Acipenseridae to Grammatidae).
- Parenti, P., and T. W. Pietsch. 2003. *Ostracion knorrii* Walbaum, 1792, a senior synonym of the striated frogfish *Antennarius striatus* (Shaw and Nodder, 1794) invalidated by "reversal of precedence." *Copeia*, 2003(1): 187-189.
- Bogatov, V. V., T. W. Pietsch, Y. N. Zhuravlev, S. Y. Storozhenko, A. S. Lelej, V. Y. Barkalov, S. K. Kholin, and L. A. Prozorova. 2003. Patterns of origin of the terrestrial and freshwater biota of the Kuril Archipelago. *Bull. Far East. Br., Russ. Acad. Sci.*, 3: 9-18.

- Pietsch, T. W., V. V. Bogatov, K. Amaoka, Y. N. Zhuravlev, V. Y. Barkalov, S. Gage, H. Takahashi, A. S. Lelej, S. Y. Storozhenko, N. Minakawa, D. J. Bennett, T. R. Anderson, M. Ôhara, L. A. Prozorova, Y. Kuwahara, S. K. Kholin, M. Yabe, D. E. Stevenson, and E. L. MacDonald. 2003. Biodiversity and biogeography of the islands of the Kuril Archipelago. *Journal of Biogeography*, 30(9): 1297-1310.
- Yabe, M., and T. W. Pietsch. 2003. A new sculpin, *Microcottus matuaensis*, from the central Kuril Archipelago (Scorpaeniformes: Cottidae). *Ichthyological Research*, 50: 276-280.
- Pietsch, T. W., H.-C. Ho, and H.-M. Hong. 2004. Revision of the deep-sea anglerfish genus *Bufoceratias* Whitley (Lophiiformes: Ceratioidei: Diceratiidae), with description of a new species from the Indo-West Pacific Ocean. *Copeia*, 2004(1): 98-107.
- Pietsch, T. W., and V. E. Kharin. 2004. *Pietschichthys horridus* Kharin, 1989, a junior synonym of *Dermatias platynogaster* Smith and Radcliffe, in Radcliffe, 1912 (Lophiiformes: Oneirodidae), with a revised key to oneirodid genera. *Copeia*, 2004(1): 122-127.
- Pietsch, T. W. 2004. A new species of the anglerfish genus *Lophiocharon* Whitley (Lophiiformes: Antennariidae) from Australian waters. *Rec. Aust. Mus.*, 56(2): 159-162.
- Pietsch, T. W. 2004. Codfishes, anglerfishes, and allies, pp. 228-237, In: *The New Encyclopedia of Aquatic Animals*, Vol. 2, Fishes and Aquatic Mammals, A. Campbell and J. Dawes (editors), Facts On File, Inc., New York.
- Pietsch, T. W. 2004. Sexual parasites: Reproduction modes among deep-sea anglerfishes, pp. 238-239, In: *The New Encyclopedia of Aquatic Animals*, Vol. 2, Fishes and Aquatic Mammals, A. Campbell and J. Dawes (editors), Facts On File, Inc., New York.
- Pietsch, T. W. 2004. Revision of the deep-sea anglerfish genus *Phyllorhinichthys* Pietsch (Lophiiformes: Ceratioidei: Oneirodidae), with the description of a new species from the Atlantic Ocean. *Copeia*, 2004(4): 797-803.
- Shedlock, A. M., T. W. Pietsch, M. G. Haygood, P. Bentzen, and M. Hasegawa. 2004. Molecular systematics and life history evolution of anglerfishes (Teleostei: Lophiiformes): Evidence from mitochondrial DNA. *Steenstrupia*, Copenhagen, 28(2): 129-144.
- Pietsch, T. W., Y. N. Zhuravlev, V. V. Bogatov, V. Y. Barkalov, S. Y. Storozhenko, A. S. Lelej, S. K. Kholin, and L. A. Prozorova. 2004. Results of the International Kuril Island Project: Patterns of Origin of the Biota of the Kuril Archipelago. p. 99, In: *Bridges of Science Between North America and the Russian Far East: Past, Present, and Future*, Proceedings of an International Conference on the Arctic and North Pacific, V. I. Sergienko, O. L. Shcheka, and A. I. Cherednichenko, editors. Dalnauka, Vladivostok, Russia.

- Bogatov V. V., T. W. Pietsch, V. Y. Barkalov, S. Y. Storozhenko, A. A. Lelej, S. K. Kholin, and L. A. Prozorova. 2004. Development of the terrestrial and freshwater biotas of the Kuril Archipelago. p. 20, In: *Proceedings of the Siberian Zoological Conference*, Novosibirsk, Russia.
- Pietsch, T. W., and C. P. Kenaley. 2005. Order Lophiiformes: keys to identification, color illustrations, phylogenetic trees, and other biosystematic information for the 18 families, 65 genera, and approximately 322 living species of anglerfishes of the world. Pages for the *Tree of Life Web Project*, sponsored by the National Science Foundation, David Maddison (editor), Katja Schulz (managing editor), <http://www.tolweb.org/tree/phylogeny.html> [partial material also available on the Encyclopedia of Life (EOL) species pages, <http://www.eol.org/pages/5448>]
- Pietsch, T. W. 2005. A new species of the ceratioid anglerfish genus *Lasiognathus* Regan (Lophiiformes: Thaumatoichthyidae) from the Eastern North Atlantic off Madeira. *Copeia*, 2005(1): 77-81.
- Pietsch, T. W., and M. Shimazaki. 2005. Revision of the deep-sea anglerfish genus *Acentrophryne* Regan (Lophiiformes: Ceratioidei: Linophryniidae), with the description of a new species from off Peru. *Copeia*, 2005(2): 146-151.
- Pietsch, T. W. 2005. Preface. pp. 5-7, In: *Flora and fauna of Sakhalin Island: Materials Resulting from the International Sakhalin Island Project*, Part 2, Russian Academy of Sciences, Far East Branch, Dalnauka, Vladivostok, Russia, 336 pp.
- Shedko, S. V., M. B. Shedko, and T. W. Pietsch. 2005. *Pungitius polyakovi* sp. n., a new species of ninespine stickleback (Gasterosteiformes, Gasterosteidae) from southeastern Sakhalin Island. pp. 223-233, In: *Flora and fauna of Sakhalin Island: Materials Resulting from the International Sakhalin Island Project*, Part 2, Russian Academy of Sciences, Far East Branch, Dalnauka, Vladivostok, Russia. [in Russian, with English abstract.]
- Dunn, J. R., and T. W. Pietsch. 2005. Historical Perspectives: Daniel Morris Cohen. *Copeia*, 2005(3): 693-700.
- Pietsch, T. W. 2005. Dimorphism, parasitism, and sex revisited: Modes of reproduction among deep-sea ceratioid anglerfishes (Teleostei: Lophiiformes). *Ichthyological Research*, 52(3): 207-236.
- Caruso, J. H., H.-C. Ho, and T. W. Pietsch. 2006. *Chaunacops* Garman, 1899, a senior objective synonym of *Bathychaunax* Caruso, 1989 (Lophiiformes: Chaunacoidei: Chaunacidae). *Copeia*, 2006(1): 120-121.
- Pietsch, T. W., and J. W. Orr. 2006. *Triglops dorothea*, a New Species of Sculpin (Teleostei: Scorpaeniformes: Cottidae) from the Southern Sea of Okhotsk. *U. S. Fish. Bull.*, 104(2): 238-246.

- Staudigel, H., T. W. Pietsch, and 17 additional co-authors. 2006. Vailulu'u Seamount, Samoa: Life and Death on an Active Submarine Volcano. *Proc. Nat. Acad. Sci.*, 103(17): 6448-6453.
- Bogatov, V. V., T. W. Pietsch, S. Y. Storozhenko, V. Y. Barkalov, A. S. Lelej, S. K. Kholin, P. V. Krestov, V. A. Kostenko, E. A. Makarchenko, L. A. Prozorova, and S. V. Shedko. 2006. Patterns of Origin of the Terrestrial and Freshwater Biota of Sakhalin Island. *Bull. Far East. Branch, Russ. Acad. Sci.*, 2006(2):32-47. [in Russian with English summary.]
- Pietsch, T. W., and Z. H. Baldwin. 2006. A Revision of the Deep-sea Anglerfish Genus *Spiniphryne* Bertelsen (Lophiiformes: Ceratioidei: Oneirodidae), with Description of a New Species from the Eastern North Pacific Ocean. *Copeia*, 2006(3):403-410.
- Carnevale, G., and T. W. Pietsch. 2006. Filling the Gap: A Fossil Frogfish, Genus *Antennarius* (Teleostei: Lophiiformes: Antennariidae), from the Miocene of Algeria. *Journal of Zoology*, London, 163:1-10.
- Pietsch, T. W., A. V. Balushkin, and V. V. Fedorov. 2006. New Records of the Rare Deep-sea Anglerfish *Diceratias trilobus* Balushkin and Fedorov (Lophiiformes: Ceratioidei: Diceratiidae) from the Western Pacific and Eastern Indian Oceans. *J. Ichthy.*, 46(Suppl. 1): 97-100.
- Bañón, R., T. W. Pietsch, and C.-G. Piñeiro. 2006. New Record of *Linophryne coronata* (Lophiiformes, Linophrynidae) from the North-eastern Atlantic Ocean. *Cybium*, 30(4): 385-386.
- Pietsch, T. W., and J. W. Orr. 2007. Phylogenetic Relationships of Deep-sea Anglerfishes of the Suborder Ceratioidei (Teleostei: Lophiiformes) Based on Morphology. *Copeia*, 2007(1): 1-34.
- Pietsch, T. W. 2007. A New Species of the Ceratioid Anglerfish Genus *Chaenophryne* Regan (Lophiiformes: Oneirodidae) From the Eastern Tropical Pacific Ocean. *Copeia*, 2007(1): 163-168.
- Dunn, J. R., and T. W. Pietsch. 2007. Historical Perspectives: Martin Ralph Brittan. *Copeia*, 2007(1): 225-233.
- Garrett, D. L., T. W. Pietsch, F. M. Utter, and L. Hauser. 2007. The Hybrid Sole, *Inopsetta ischyra* (Teleostei: Pleuronectiformes: Pleuronectidae): Hybrid or Biological Species? *Trans. Amer. Fish. Soc.*, 136(2): 460-468.
- Arronte, J. C., and T. W. Pietsch. 2007. First Record of *Himantolophus maui* (Lophiiformes: Himantolophidae) on the Slope off Asturias, Central Cantabrian Sea, Eastern North Atlantic Ocean. *Cybium*, 31(1): 85-86.

- Kharin, V. E., and T. W. Pietsch. 2007. New finding of a rare deep-sea ceratioid anglerfish, *Dermatias platynogaster* Smith and Radcliffe (Lophiiformes: Oneirodidae). *J. Ichthy.*, 47(9):806-808.
- Luck, D. G., and T. W. Pietsch. 2008. In-Situ Observations of a Deep-sea Ceratioid Anglerfish of the Genus *Oneirodes* Lütken (Lophiiformes: Oneirodidae). *Copeia*, 2008(2):446-451.
- Reum, J. C. P., C. E. Paulsen, T. W. Pietsch, and S. Stetter. 2008. First Record of an Albino Chimaeriform Fish, *Hydrolagus colliei*. *Northwestern Naturalist*, 89(1):60-62.
- Pietsch, T. W. 2008. [Families Antennariidae, Melanocetidae, Himantolophidae, Oneirodidae, Ceratiidae, Gigantactinidae, and Pegasidae.] pp. 364-374, 380-389, 485, In: *The Fishes of Australia's South Coast*, Revised Edition. M. F. Gomon, D. Bray, and R. H. Kuitert (editors), Reed New Holland, an imprint of New Holland Publishers, Sydney, Australia.
- Carnevale, G., T. W. Pietsch, G. T. Takeuchi, and R. W. Huddleston. 2008. Fossil Ceratioid Anglerfishes (Teleostei: Lophiiformes) From the Miocene of the Los Angeles Basin, California. *Journal of Paleontology*, 82(5):996-1008.
- Thireau, M., F. J. Meunier, M.-L. Bauchot, A. Hamonou-Mahieu, and T. W. Pietsch. 2008. L'Oeuvre Ichtyologique de Charles Plumier aux Antilles (1689-1695). pp. 47-56, In: *Explorations et voyages scientifiques de l'Antiquité à nos jours*. Congrès annuel du Comité des Travaux Historiques et Scientifiques, 18-23 April 2005, La Rochelle, France.
- Pietsch, T. W., R. J. Arnold, and D. J. Hall. 2009. A Bizarre New Species of Frogfish of the Genus *Histiophryne* (Lophiiformes: Antennariidae) from Ambon and Bali, Indonesia. *Copeia*, 2009(1):37-45.
- Carnevale, G., and T. W. Pietsch. 2009. The Deep-Sea Anglerfish Genus *Acentrophryne* (Teleostei, Ceratioidei, Linophrynidae) in the Miocene of California. *Journal of Vertebrate Paleontology*, 29(2):372-378.
- Carnevale, G., and T. W. Pietsch. 2009. An Eocene Frogfish (Lophiiformes: Antennariidae) from Monte Bolca, Italy: The Earliest Known Skeletal Record for the Family. *Palaeontology*, 52(4):745-752.
- Pietsch, T. W., J. W. Johnson, and R. J. Arnold. 2009. A New Genus and Species of the Shallow-Water Anglerfish Family Tetrabrachiidae (Teleostei: Lophiiformes: Antennarioidei) from Australia. *Copeia*, 2009(3):485-495.
- Ho, H.-C., A. M. Prokofiev, T. W. Pietsch, and K-T Shao. 2009. New Records of Two Deep-sea Anglerfish species, *Oneirodes plagionema* and *O. pietschi* (Lophiiformes: Oneirodidae), from the Atlantic, Pacific, and Indian Oceans. *Journal of the Fisheries Society of Taiwan*, 35(4):329-334.

- Pietsch, T. W. 2009. [Families Caulophrynidae, Himantolophidae, Melanocetidae, Oneirodidae, Gigantactinidae, Linophrynidae]. pp. 213-228, In: K. Nakaya et al. (editors), *Deep-sea Fishes of Peru: Libro de Peces de Aguas Profundas del Perú*. Japan Deep Sea Trawlers Association and Instituto del Mar del Perú, Tokyo and Lima, 355 pp., 279 figs.
- Sluys, R., I. Smolders, M. Kawakatsu, T. W. Pietsch, and R. B. Kuranishi. 2009. Freshwater planarians (Platyhelminthes, Tricladida) from the Kuril Islands and Kamchatka. *Species Diversity*, 14(4):307-322.
- Pietsch, T. W. 2010. The World's Smallest Sexually Mature Vertebrate. *Practical Fishkeeping*, January, 2010, p. 00 [also published on-line: *Practical Fishkeeping*, 3 September 2010, <http://www.practicalfishkeeping.co.uk/content.php?sid=3192>]
- Vadopalas, B., T. W. Pietsch, and C. S. Friedman. 2010. The Proper Name for the Geoduck: Resurrection of *Panopea generosa* Gould, 1850, From the Synonymy of *Panopea abrupta* (Conrad, 1849) (Bivalvia: Myoida: Hiatellidae). *Malacologia*, 52(1):169-173.
- Pietsch, T. W. 2010. [Species accounts: anglerfish, amberjack, hake, menhaden, sprat, sole]. *The World Book Encyclopedia*, Chicago, Illinois, vols. 1:405, 9:17, 13:400, 18:582.
- Miya, M., T. W. Pietsch, J. W. Orr, R. J. Arnold, T. P. Satoh, A. M. Shedlock, H.-C. Ho, M. Shimazaki, M. Yabe, and M. Nishida. 2010. Evolutionary history of anglerfishes (Teleostei: Lophiiformes): A Mitogenomic Perspective. *BMC Evolutionary Biology*, 10(58):1-27.
- Godfrey, S. J., G. Carnevale, and T. W. Pietsch. 2010. Coprolites Fill the Neurocranium of a Miocene Perciform Fish from Maryland. *Geological Society of America Abstracts*, 42(1):142.
- Rogers, C. S., T. W. Pietsch, J. E. Randall, and R. J. Arnold. 2010. The Sargassum Frog-fish (*Histrio histrio* Linnaeus) observed in mangroves in St. John, U.S. Virgin Islands. *Coral Reefs*, published online, 18 June 2010, DOI 10.1007/s00338-010-0636-z.
- Carnevale, G., and T. W. Pietsch. 2010. Batfishes (Teleostei: Ogcocephalidae) from the Eocene of Monte Bolca. *Geological Magazine*, 147:1-12.
- Stewart, A. L., and T. W. Pietsch. 2010. A New Species of Deep-sea Anglerfish, Genus *Himantolophus* (Lophiiformes: Himantolophidae), From the Western South Pacific, with Comments on the Validity of *H. pseudalbinares*. *Zootaxa*, 2671:53-60.
- Carnevale, G., and T. W. Pietsch. 2010. Eocene handfishes from Monte Bolca, with description of a new genus and species, and a phylogeny of the family Brachionichthyidae (Teleostei: Lophiiformes). *Zoological Journal of the Linnean Society*, 160(4):621-647.
- Pietsch, T. W. In Press. [Lophiiform families: Antennariidae and 11 families of the deep-sea Ceratioidei.] pp. 000-000, In: *FAO Species Identification Guide for Fishery Purposes*.

The Living Marine Resources of the Eastern Central Atlantic (Fishing Area 31). Food and Agriculture Organization of the United Nations, Rome. Vol. 2, Bony fishes, pt. 1 (Acipenseridae to Grammatidae), 32 ms pp.

Bradbury, M. G., and Pietsch, T. W. In Press. Family Ogcocephalidae. pp. 000-000, In: *FAO Species Identification Guide for Fishery Purposes. The Living Marine Resources of the Eastern Central Atlantic (Fishing Area 31)*. Food and Agriculture Organization of the United Nations, Rome. Vol. 2, Bony fishes, pt. 1 (Acipenseridae to Grammatidae), 4 ms pp.

Pietsch, T. W. In Press. Order Lophiiformes: Introduction and a Key to the Families. pp. 000-000, In: *Fishes of the Western Indian Ocean*, P. C. Heemstra and J. E. Randall, editors. Macmillan South Africa Ltd., 6 ms pp., 9 figures.

Pietsch, T. W., and R. J. Arnold. In Press. Family Antennariidae. pp. 000-000, In: *Fishes of the Western Indian Ocean*, P. C. Heemstra and J. E. Randall, editors. Macmillan South Africa Ltd., 25 ms pp., 12 figures.

Pietsch, T. W. In Press. Charles Plumier's (c. 1689) "Manicou Caraibarum": A Previously Unpublished Description and Drawing of the Common Opossum, *Didelphis marsupialis* Linnaeus. *Archives of Natural History*, 38(1), in press.

Carnevale, G., Godfrey, S., and T. W. Pietsch. Submitted. Stargazer (Teleostei, Uranoscopidae) Cranial Remains From the Miocene Calvert Cliffs, Maryland (St. Marys Formation, Chesapeake Group). *Journal of Vertebrate Paleontology*, 18 ms pp., 6 figs.

Pietsch, T. W., and G. Carnevale. In Press. A New Genus and Species of Lophiid Anglerfish (Teleostei: Lophiiformes: Lophioidei) from the Eocene of Monte Bolca, Italy. *Copeia*, 19 ms pp., 5 figs.

Carnevale, G., and T. W. Pietsch. In Press. †*Caruso*, a New Genus of Anglerfishes from the Eocene of Monte Bolca, Italy, with a Comparative Osteology and Phylogeny of the Family Lophiidae (Teleostei: Lophiiformes). *Journal of Systematic Palaeontology*, 56 pp., 16 figs., 2 tables.

Pietsch, T. W., and C. P. Kenaley. In preparation. A New Species of Deep-sea Anglerfish, Genus *Himantolophus* (Lophiiformes: Himantolophidae), From Southern Waters of the Atlantic, Pacific, Indian, and Western Pacific Oceans. *Copeia*, 14 ms pp., 5 figs.

BOOKS: Pietsch, T. W., and D. B. Grobecker. 1987. *Frogfishes of the World: Systematics, Zoogeography, and Behavioral Ecology*. Stanford University Press, Stanford, California, xxii + 420 pp.

Pietsch, T. W. (editor). 1995. *Historical Portrait of the Progress of Ichthyology, from Its Origins to Our Own Time*. Edited and annotated by T. W. Pietsch, translated from the

- French by A. J. Simpson. Johns Hopkins University Press, Baltimore, xxiv + 366 pp., 67 figures.
- Pietsch, T. W. 1995. *Fishes, Crayfishes, and Crabs: Louis Renard and His Natural History of the Rarest Curiosities of the Seas of the Indies*. Johns Hopkins University Press, Baltimore, Vol. 1, Commentary, xxii + 214 pp., 95 figures; Vol. 2, Facsimile, 224 pp., 100 color pls.
- Pietsch, T. W., and W. D. Anderson, Jr. (editors). 1997. *Collection Building in Ichthyology and Herpetology*. American Society of Ichthyologists and Herpetologists, Special Publication, 3, xiii + 593 pp.
- Holthuis, L. B., and T. W. Pietsch. 2006. *Les Planches inédites de Poissons et autres Animaux marins de l'Indo-Ouest Pacifique d'Isaac Johannes Lamotius [Isaac Johannes Lamotius (1646–c. 1718) and His Paintings of Indo-Pacific Fishes and Other Marine Animals]*. Christian Éraud (editor), Publications Scientifiques du Muséum and Bibliothèque Centrale, Muséum National d'Histoire Naturelle, Paris, 292 pp., 93 color pls.
- Pietsch, T. W. 2008. *A Mermaid in the Tub: A Specimen of MvB Sirenne, a New Family of Type-Faces by Alan Greene, Inspired by Engraved Letterforms in a Rare Book*. Mark van Bronkhorst and E. M. Ginger, editors, MvB Fonts, Albany, California, 36 pp.
- Pietsch, T. W. 2009. *Oceanic Anglerfishes: Extraordinary Diversity in the Deep-sea*. University of California Press, Berkeley and Los Angeles, xii + 557 pp., 310 figs.
- Pietsch, T. W. 2010. *Theodore W. Pietsch II (1912–1993) and the Development of Automobile Design in the Golden Age*. With a foreword by Frederic A. Sharf. Velocity Print Solutions, Lynn, Massachusetts, 80 pp., 64 figs., 67 color pls.
- Pietsch, T. W. 2010. *Samuel Fallours: Tropical Fishes of the East Indies—Poissons tropicaux des Indes orientales—Tropische Fische Ostindiens*. Edited by Petra Lamers-Schutze, Taschen GmbH, Köln, Germany, 100 pp., 36 + 9 figs., 101 color pls.
- Pietsch, T. W. 2010. *The Curious Death of Peter Artedi: A Mystery in the History of Science*. Scott & Nix, New York, 245 pp.
- Pietsch, T. W. (editor). In Press. *History of the Natural Sciences, from Their Origin to the Present Day, Among All Known Peoples*, as taught at the Collège de France, by Georges Cuvier, completed, edited, annotated, and published by Monsieur Magdeleine de Saint-Agy. Part one, comprising the early centuries up to the 16th of our era. Edited and annotated by T. W. Pietsch, translated from the French by A. J. Simpson. [The first of Cuvier's five-volume *History of the Natural Sciences*, originally published in French from 1841 to 1845.] Publications Scientifiques du Muséum and Bibliothèque Centrale, Muséum National d'Histoire Naturelle, Paris, 525 ms pp., 24 figs., 1 table.

Pietsch, T. W. Accepted, contract signed 22 March 2010, manuscript in preparation. *Trees of Life: A Visual Guide to Evolution*. Johns Hopkins University Press, Baltimore.