

Curriculum Vitæ - John Bayard Burch

Professional History:

- 2014-present, Natural Sciences Affiliate, Bernice P. Bishop Museum, Honolulu, Hawaii, USA
- 2013-2015, Consultant, Department of Social and Environmental Medicine, Faculty of Tropical Medicine, Mahidol University, Bangkok, Thailand.
- 2011-2012, Visiting Professor of Malacology, Faculty of Tropical Medicine, Mahidol University, Bangkok, Thailand.
- 2011, Consultant, Department of Social and Environmental Medicine, Faculty of Tropical Medicine, Mahidol University, Bangkok, Thailand
- 2001-present, Curator *Emeritus* of Mollusks, Museum of Zoology, College of Literature, Science & the Arts, University of Michigan, Ann Arbor
- 2001-present, Professor *Emeritus* of Ecology and Evolutionary Biology, College of Literature, Science & the Arts, University of Michigan, Ann Arbor
- 2001-present, Professor *Emeritus* of Natural Resources and Environment, School of Natural Resources and Environment, University of Michigan, Ann Arbor
- 1998-present, Editor of Publications, Museum of Zoology, College of Literature, Science & the Arts, University of Michigan, Ann Arbor
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- 1963-2001, Curator of Mollusks, Museum of Zoology, College of Literature, Science & the Arts, University of Michigan, Ann Arbor
- 1980-2001, Professor of Natural Resources, School of Natural Resources and Environment, University of Michigan, Ann Arbor
- 1970-2001, Professor of Zoology, College of Literature, Science & the Arts, University of Michigan, Ann Arbor [department variously called Department of Ecology and Evolutionary Biology (current); Department of Zoology; Department of Biology (combined with Botany); etc.],
- 1963-1970, Associate Professor of Zoology, University of Michigan
- 1963, Assistant Professor of Zoology, Department of Zoology, University of Michigan
- 1958-1963, Research Associate, Museum of Zoology, College of Literature, Science & the Arts, University of Michigan
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- 1983-1984, Regents Fellow, Smithsonian Institution, Washington, D.C. [on leave from the University of Michigan]
- 1979-1981, Chairman, Department of Ecology and Evolutionary Biology, Division of Biological Sciences, University of Michigan, Ann Arbor
- 1975-1976, Curator of Molluscs, The Australian Museum, Sydney, Australia [on leave from the University of Michigan]
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Academic Degrees:

- Ph.D. (Zoology), University of Michigan, Ann Arbor, Michigan, January, 1959

M.S. (Biology), University of Richmond, Richmond, Virginia, June, 1954
B.S. (Biology), Randolph-Macon College, Ashland, Virginia, June, 1952

Student activities:

President, Graduate Student Council, Horace H. Rackham School of Graduate Studies, University of Michigan, 1958
Secretary, Graduate Student Council, Horace H. Rackham School of Graduate Studies, University of Michigan, 1957
Department of Zoology Representative, Graduate Student Council, Horace H. Rackham School of Graduate Studies, University of Michigan, 1956
President, Phi Sigma Honor Society, University of Michigan, 1958
Vice President, Senior Class, Randolph-Macon College, 1951-52

Military Service:

United States Marine Corps (rifleman/Fire-team Leader [Corporal], F Company, 2nd Battalion, 8th Marines, 2nd Marine Division, Fleet Marine Force, 1946-1948; Corporal of the Guard, Marine Guard Detachment, U.S. Naval Ammunition Depot, Craddock, Virginia, 1948; honorably discharged from the United States Marine Corps, August, 1948.

Honors:

Honorary Life Member, American Malacological Society, 2009
Honorary Life Member, Malacological Society of the Philippines, 1994
Honorary Life Member, Malacological Society of Korea, 1994
Sigma Xi (national professional society - science), 1958
The Honor Society of Phi Kappa Phi (national honor society - scholastic), 1957
Phi Sigma (national honor society - scholastic, graduate biology), 1956
Beta Beta Beta (national honor society - scholastic, biology), 1951

Awards and Fellowships:

Lifetime Achievement Award, The Freshwater Mollusk Conservation Society, 1999
Special Recognition Award from the Science Society of Thailand, 1995
Special Recognition Award from the Malacological Society of the Philippines, 1992
Special Recognition Award from the Korean Society of Malacology, 1988
Regents Fellowship, Smithsonian Institution, 1983-1984
Research Career Development Award, National Institutes of Health, 1963-1969
Summer Internship, Smithsonian Institution, 1958
National Science Foundation Fellowship, University of Michigan Biological Station, 1955
Teaching Fellowship, University of Michigan, 1954-1958
National Science Foundation Pre-Doctoral Research Award, Mountain Lake Biological Station, University of Virginia, 1954
William's Fellowship, Graduate School, University of Richmond, 1953-1954
Research Award, Virginia Academy of Science, 1953

Current Affiliations:

Consultant, Department of Social and Environmental Medicine, Faculty of Tropical Medicine, Mahidol University, Bangkok, Thailand, 2013-2015
Natural Sciences Affiliate, Bernice P. Bishop Museum, Honolulu, Hawaii, 2014-present
Distinguished Associate in Research, Bernice P. Bishop Museum, Honolulu, Hawaii, 1997-2014
Adjunct Professor, Faculty of Science, Mahidol University, Bangkok, Thailand, 1979-)

Current Offices in Professional Societies and Journals:

Member, Board of Trustees (1968-present), and Past President, Institute of Malacology
Treasurer (1992-present), and Past President (1987-1989), International Society For Medical and Applied Malacology
Chairman, International Advisory Committee, International Society for Medical and Applied Malacology, 1993-present
Advisor, Malacological Society of the Philippines, 1980-present
Associate Editor, Past Managing Editor, and Past Editor-In-Chief, *Malacologia*, 1961-present
Editorial Board, *Revista Científica UDO Agrícola*, Venezuela, 2007-present
Editorial Board, *Journal of Medical and Applied Malacology*, 1987-present
Editorial Board, *Malacological Review*, 1968-present
Editorial Advisory Committee, Michigan Academy of Science, Arts & Letters, 1992-2000
Advisory Board, *The Journal of Scientific Research of Chulalongkorn University*, Bangkok, 1999-present
Editorial Board, *The Korean Journal of Malacology*, 1989-present
Editorial Board, *American Malacological Bulletin*, 1984-present

Past Academic Affiliations and Offices in Professional Organizations and Journals:

Visiting Professor of Malacology, Department of Social and Environmental Medicine, Faculty of Tropical Medicine, Mahidol University, Bangkok, Thailand, 2011-2012
Member, Technical Committee, Wildlife Division, Michigan Department of Natural Resources, 1977-2000
Member, Expert Advisory Panel on Parasitic Diseases (Schistosomiasis), World Health Organization, 1973-2000
Member, Graduate Faculty, University of Colorado, Boulder, Colorado, 1992-1996
Visiting Professor, Department of Parasitology, School of Medicine, Yonsei University, Seoul, Korea, 1990-1993, 1996-1999
Distinguished Research Associate, University of Colorado Museum, Boulder, Colorado, 1990-2011
Visiting Scientist, University of Colorado Museum, Boulder, Colorado, 1990, 1992, 2008, 2009
Invited Participant, Conference on the Application of Biotechnology to the Study of Parasites and Their Hosts – Seoul, Korea; and Taipei and Kaohsiung, Taiwan, September, 1989
President, International Society for Medical and Applied Malacology, 1987-1989

Advisor, Malacological Society of Korea, 1984
Member, Vector Control Panel, Program in Science and Technology Cooperation,
U.S. Agency for International Development, 1983
Advisor, Instituto Medicina Tropical, Ministerio de Salud Publica, Havana, Cuba,
1983-2000
Consultant, World Health Organization, 1979, 1980, 1981, 1982, 1983
Guest Senior Research Scientist, University of Lowell, Lowell, Massachusetts, 1978-
1993
Member of Council, Unitas Malacologica, International Malacological Union, 1978-
1983
Guest Lecturer, Institute of Tropical Medicine, Yonsei University, Seoul, Korea,
1978, 1979
Research Associate, The Australian Museum, 1978-80
President, Institute of Malacology, 1976-1978, 1992-1995
Consultant, Commonwealth Institute of Health in the University of Sydney, Sydney,
Australia, 1975-1982
Advisory Council, Société Française de Malacologie, 1972-1973
Editor-in-Chief, *Malacologia*, International Journal of Malacology, 1970-1974
President, Society for Experimental and Descriptive Malacology, 1968-1980
Visiting Professor, Annamalai University, Annamalainagar, Tamilnadu, India, 1968,
1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1979
Visiting Professor, Mountain Lake Biological Station, University of Virginia, 1968,
2002
Visiting Scientist, Bernice P. Bishop Museum, Honolulu, 1966, 1967, 1970, 1981,
2003, 2007, 2008
Research Associate, Bernice P. Bishop Museum, Honolulu, Hawaii, 1966-1997
Visiting Professor, W.K. Kellogg Gull Lake Biological Station, Michigan State
University, 1966, 1968
Consultant, 406th Medical Laboratory, U.S. Army Medical Command, Sagami-Ono,
Japan, 1963-1968
Visiting Investigator, Marine Institute, University of Georgia, 1962, 1963, 1964
Consultant, U.S. Naval Medical Research Unit No. 2, Taipei, Taiwan, 1962, 1963
Managing Editor, *Malacologia*, International Journal of Malacology, 1961-1970
Consultant, The American Foundation for Tropical Medicine, 1961
Consultant, U.S. Atomic Energy Commission, Pacific Proving Ground, 1960-1961
Visiting Investigator, Eniwetok Marine Biological Laboratory, U.S. Atomic Energy
Commission, 1960
Consultant, U.S. Department of Agriculture, 1959-1961

Plenary Lectures

Freshwater Mollusk Conservation Society, Annual Meeting, Guntersville State Park,
Guntersville Alabama, March 2013.
Tenth International Congress on Medical and Applied Malacology, Busan, Korea,
August 2009
Ninth International Congress on Medical and Applied Malacology, Qingdao, China,
October 2006

First Symposium of the Freshwater Mollusk Conservation Society, Chattanooga, Tennessee, 17 March 1999
Fourth International Congress on Medical and Applied Malacology, Santiago, Chile, 7 October 1996
Twenty-first Congress on Science and Technology of Thailand, Jomtein, Chonburi, Thailand, 25 October 1995
Third International Congress on Medical and Applied Malacology, Camden, Australia, 19 October 1963

University of Michigan, Present and Past Major Committee and Other Assignments:

Editor, Publications of the Museum of Zoology (*Miscellaneous Publications of the Museum of Zoology; Occasional Papers of the Museum of Zoology; Special Publications of the Museum of Zoology; and Circulars of the Museum of Zoology*), 1976-1977, 1998-present
President, The Honor Society of Phi Kappa Phi, University of Michigan, 1995-2004
Executive Committee, University of Michigan Biological Station, 1986-1999
Library Committee, Department of Biology, 1995-1998
Masters Program Committee, Department of Biology, 1991-1995
Administrative Committee, Museum of Zoology, 1986-1989, 1991-1993
Graduate Affairs Committee, Department of Biology, 1985-1987
Executive Committee, Division of Biological Sciences, 1979-1981
Divisional Board for Biological and Health Sciences, Horace H Rackham Graduate School, 1972-1975
Executive Committee, Museum of Zoology, 1968-1972, 1973-1975, 1977-1980, 1993-1998

Courses Taught:

A Formal Course in Medical Malacology for Southeast Asia (Southeast Asian Center for Medical Malacology, Mahidol University, Bangkok, Thailand), July, 2012
Biology for Non-Scientists (University of Michigan), 1997, 1999
Natural History of Invertebrates (University of Michigan Biological Station), 1964, 1985, 1987, 1989, 1991, 1993-1996, 1998
Biology of Invertebrates (University of Michigan), 1969 [part of course], 1970 [part of course], 1971 [part], 1972 [part of course], 1985 [1/2 of course], 1986 [1/2 of course], full course 1994, 1996, 1998, 2000.
Advanced Zoological Studies (University of Michigan), 1968-1974, 1976-2001
Medical Malacology – Research techniques (University of the Philippines, Diliman, Quezon City, Philippines), 1994
Medical Malacology [part], Universidad Nacional Autónoma de México, México D.F., México, 1993
Biology of Mollusks (University of Michigan Biological Station), 1986, 1988, 1992.
Malacology, Los Tuxtlós Biological Station, Universidad Nacional Autónoma de México, Veracruz, México, 1985
Epidemiology and Management of Parasitic Diseases Control Other Than Malaria in China [1/2 of course, i.e., the part on snail-mediated human diseases; the other part of the course was on insect transmitted diseases] (World Health Organization and Chinese Academy of Medical Sciences), 1983

Medical Malacology (School of Public Health, University of the Philippines, Manila, Philippines), 1980, 1981
Malacology (Yonsei University, Seoul, Korea), 1978, 1979
Biology of Mollusks (University of Michigan), 1978, 1979, 1980, 1982
Parasitology (University of Michigan), 1973, 1974
Malacology (University of Michigan), 1971, 1973, 1976
Animal Cytotaxonomy (University of Michigan), 1970, 1971, 1972
Malacology (Mountain Lake Biological Station, University of Virginia), 1968
Malacology (Michigan State University's Kellogg Gull Lake Biological Station), 1965, 1967

Workshops presented

Freshwater Mollusks – Nature Centre, Misery Bay Provincial Park, Manitoulin Island, Canada, August 21, 2012
Mollusk Identification Workshop – Orma J. Smith Museum of Natural History, The College of Idaho, Caldwell, Idaho, October 28-30, 2010
Non-Marine mollusks – Nature Centre, Misery Bay Provincial Park, Manitoulin Island, Canada
Freshwater Mollusks – Advanced Naturalist Workshop, Edge of Appalachia Nature Center, Adams County, Ohio
The freshwater pulmonate snail family Lymnaeidae – University of Alabama, Tuscaloosa, Alabama, March, 2004
Mollusks of the Great Lakes – Indiana Dunes National Lakeshore, February, 2004

Chairman of Doctoral Committees

Ladin [Ladizinsky], Loren (population genetics of *Daphnia* in response to environmental toxins, 2006 [last known employment: private consultant, Portland, Oregon])
René Sherman Mulcrone (incorporating habitat characteristics and fish hosts to predict freshwater mussel (*Bivalvia*: Unionidae) distributions in the Lake Erie drainage, southeastern Michigan), 2004 (Co-Chairman) [current: employed by the consulting firm CDM-Michigan (environmental engineering)]
Taehwan Lee (systematic revision of the Sphaeriidae (Mollusca, Bivalvia, Veneroidea, Sphaeriidae), 2001 (Co-Chairman) [current: Collections Coordinator, Mollusk Division, Museum of Zoology, University of Michigan, Ann Arbor, Michigan])
Sirirat Siripattrawan (chromosomes, reproduction and genetic relationships of introduced “Asiatic clams” (*Corbicula*) in North America, 2001 (Co-Chairman) [last information: faculty member, Kasasart University, Bangkok, Thailand])
I-Min Tso (function of stabilimenta in the orb-weaving uloborid and araneid spiders), 1996 [current: faculty member, Department of Biology, Tunghai University, Taichung, Taiwan, Republic of China])
Richard Lamb (the reproductive biology and life history of a peculiar land snail that exhibits both hemiphally and euphally), 1996 [last known employment: Department of Biology, Oakland Community College, Oakland, Michigan, U.S.A.]
Timothy Pearce (comparative ecology and behavior of selected North American land snails) 1994 [current: Curator of Invertebrates, Carnegie Museum, Pittsburgh, Pennsylvania, U.S.A.]

- Walter Randolph Hoeh (biochemical systematics of the bivalve genus *Anodonta*), 1991 [last information: Associate Professor, Department of Biology, Kent State University, Kent, Ohio, U.S.A.]
- Siriwan Jantataeme (physiological effect of sublethal molluscicides on *Oncomelania*), 1991 [last information: Associate Professor, Department of Biology, Faculty of Science, Mahidol University, Bangkok, Thailand]
- Younghun Jung (biology of polyploid North American planorbid snails), 1990 [current: Research Associate Professor, School of Dentistry, University of Michigan, Ann Arbor, Michigan, U.S.A.]
- Yaowaluk Chitramvong (comparative morphology of the freshwater snail family Bithyniidae), 1987 [current: Associate Professor, Department of Biology, Faculty of Science, Mahidol University, Bangkok, Thailand]
- Rojana Keawjam (molecular genetics and comparative morphology of the Southeast Asian snail genus *Pila*), 1986 [previously: Associate Professor and past Chairperson, Department of Biology, Faculty of Science, Mahidol University, Bangkok, Thailand; current: Bangkok business woman]
- James B. Bailey (effects of parasitism on population dynamics of the freshwater snail *Bulinus globosus*), 1985 [last known employment: Environmental Scientist, U.S. Army, Fort Detrick, Maryland, U.S.A.]
- Pyung-Rim Chung (allozymes, cytogenetics and susceptibility to clonorchis infections of bithyniid snails), 1983 [current: Professor *Emeritus* of Parasitology and past Dean of the Faculty, College of Medicine, Inha University, Incheon, Korea]
- Viroj Kitikoon (allozymes, cytogenetics and susceptibility to schistosome infection of the Thai freshwater snail *Tricula aperta* and related taxa), 1981 [past: Associate Professor and Chairman, Department of Social and Environmental Medicine, Faculty of Tropical Medicine, Mahidol University, Bangkok, Thailand; current: retired]
- Karl-Hans Wurzinger (allozyme variation in the African freshwater snail genus *Bulinus*), 1980 [last information: Department of Paternity Evaluation, Laboratory Corporation of America Holdings, Burlington, NC]
- Lyford K. Greene (host-parasite relationships between snails and trematode parasites), 1978 [last information: Department of Parasitology, Division of Experimental Therapeutics, Walter Reed Army Institute of Research, Walter Reed Army Medical Center, Washington, D.C. 20307]
- George A. Te (systematics of the freshwater snail family Physidae), 1978 [past: Parke-Davis/Warner-Lambert Pharmaceutical Company; current: unknown]
- Paul H. Rudolph (reproductive physiology of freshwater pulmonate snails), 1977 [current: Professor, University of Iowa, Iowa City, U.S.A.]
- Shi-Kuei Wu (systematics of a polyploid series of freshwater snails (genus *Bulinus*), 1972 [past: Professor of Natural Science, Department of Biology, and Curator of Invertebrate Zoology, University of Colorado Museum, Boulder, Colorado, U.S.A.; current: retired]
- Charlotte M. Patterson (systematics of the land snail family Succineidae), 1970 past: Dean of the Faculty and Chairperson, Department of Biology, St. Mary's College, Orchard Lake, Michigan, U.S.A.; current: retired]

Chairman of Master's Committees

Andrea Coronel Walther (a systematic study of the freshwater limpet *Laevapex* (Ancyliidae: Basomma-tophora), 2003
Glenn Stuart Carter (environmental assessment of the benthic macro-invertebrate community of Muskegon Lake, Michigan, 1999, and evaluation of changes since), 2002
Laurel Nida (biology and population dynamics of an aquatic insect infected with a protistan parasite), 2001
Paul Marangelo (zebra mussel dispersal and life histories in southern Michigan), 1996
Renée Sherman (life histories and fish-host relationships of riverine unionid clams), 1994

External Examiner, Ph.D. Theses:

Madras University (Madras, Tamilnadu, India), 1989
Annamalai University (Annamalainagar, Tamilnadu, India), 1974 [four theses], 1979, 1980, 1983, 1987, 1989 [three theses], 1993, 1995
University of Hong Kong (Hong Kong), 1984
University of Gorakhpur (Gorakhpur, India), 1983
Calcutta University (Calcutta, India), 1971, 1974, 1982, 1990, 1994
University of Ottawa (Ottawa, Canada), 1973
Madurai University (Madurai, Tamilnadu, India), 1969

Principal Investigator and Project Director of the following federally or state funded grant projects:

Studies on the Potential of Australian Freshwater Snails to Serve as Vectors of Human Diseases. Commonwealth Department of Health, Australia. 1979-1981.
Freshwater Snails (Mollusca: Gastropoda) of North America. Environmental Protection Agency. 1977-1980.
The Molluscan Genus *Bulinus* in Africa and Adjacent Regions, Intermediate Hosts of *Schistosoma haematobium*. Smithsonian Institution. 1975-1979.
Freshwater Snails of Australia. Commonwealth Department of Health, Australia. 1975-1977.
Freshwater Unionacean Clams of North America. Environmental Protection Agency and the Smithsonian Institution. 1972.
Freshwater Sphaeriacean Clams of North America. Environmental Protection Agency and the Smithsonian Institution. 1971-1972.
Curatorial Support for the Mollusk Collection, University of Michigan. National Science Foundation. 1973-1978.
Systematic Studies of the Molluscan Genus *Bulinus* in Africa and Adjacent Regions. Smithsonian Institution. 1972-1975.
Biological Studies of Schistosome Snail Hosts. National Institutes of Health, AI-07279(03-05). 1970-1973.
Cytological/Immunological Studies of Snail Vectors of Schistosomiasis. National Institutes of Health, AI-07279(01-02). 1966-1970.
Immunological Studies of Snails. National Science Foundation, GB-7569. 1968-1970.

Cytological Studies of Indian Mollusks. Smithsonian Institution. SFC-7-0067, SFC-7427, SFG-0-1525. 1967-1970.

Cytotaxonomy and Comparative Biochemistry of Mollusks. National Institutes of Health, K3-AI-19, 451. 1964-1969.

Culture Methods for Mollusk Cells and Tissues. National Institutes of Health, AI-07364. 1968-1970.

Cell and Tissue Culture Methods for Mollusks. Institute of Science and Technology, The University of Michigan. 1965-1966.

Cell and Tissue Culture Methods for Mollusks. Cancer Research Institute, The University of Michigan. Proj. 89. 1965-1966.

Cytotaxonomic Studies of Pulmonate Snails. National Science Foundation, GB-5601. 1966-1968.

Biological Studies of Oriental Freshwater Snails. National Science Foundation. 1964-1965.

Cell and Tissue Culture Methods for Mollusks. National Science Foundation. 1965-1966.

Cytotaxonomic Studies of Aquatic Pulmonate Snails. National Science Foundation. 1965-1966.

Establishment of a New International Journal, *Malacologia*. National Science Foundation. 1962-1966.

Co-Principal Investigator:

[With Diarmaid O'Foighil]

Computerization of the University of Michigan's Museum of Zoology mollusk collection. National Science Foundation. F012346. 2005-2009.

Historical phylogeny of Tahitian *Partula*, an almost extirpated land snail fauna. National Science Foundation. F010995. 2005-2008.

[With H. L. Allen]

Limnological Investigations on Lake Ohrid, Yugoslavia (Macedonia). Smithsonian Institution. 1972-1974.

[With H. van der Schalie]

Studies of American *Pomatiopsis* Snails with Biological Relationships Almost Identical to *Onco-melania*, the Vector of Oriental Schistosomiasis. U.S. Army Medical Research and Development Command, DA-49-193-MD-2651. 1964-1968.

[With W. O. Gregg]

Biological and Taxonomic Research on Western American Freshwater Snails, Family Hydrobiidae. National Science Foundation. 1963-1967.

Co-Project Director:

[With H. van der Schalie]

Medical Malacology Training Program. National Institutes of Health. T1-AI-41. 1958-1974.

[With Robert Rush Miller]

Electrophoretic Determination and Analysis of Multiple Proteins in Poeciliid Fishes. National Science Foundation, GB-5476. 1966-1968.

Principal Collaborator:

[With Somsak Panha]

Biodiversity of the Micro-Snails of Southeast Asia. The Thailand Research Fund (TRF: RSA/15/ 1994). 1994-2005.

Taxonomy of Micro-Snails from Limestone Mountains in Thailand, Malaysia and Vietnam. Program for Biodiversity Research and Training, of the Thailand Research Fund (TRF), the National Center for Genetic Engineering and Biotechnology, and the National Science and Technology Development Agency, BRT 139035. 1995-2007.

[With John I. Bruce]

Identification, Distribution and Ecology of the Snail Fauna of Jordan. U.S. Agency for International Development, via the University of Lowell via the University of Jordan. 1982-1986

[With M. A. El-Banhawy]

The Snail Genus *Bulinus*: Factors Concerned with its Transmission of Schistosomiasis in Africa. National Institutes of Health, PL 480 30-044-N. 1977-1982.

[With Yoshio Kondo]

Archaic Land Snail Families: Achatinellidae, Partulidae and Amastridae. National Science Foundation, GB-3974 and GB-6450. 1965-1970.

Travel Grants:

For administrative purposes, to North Africa and India, 1972. Smithsonian Institution.

For administrative purposes and to collect mollusks in Africa, 1972. Smithsonian Institution.

To initiate mollusk research programs in North Africa and India, 1972. Smithsonian Institution.

To collect mollusks in East Africa, 1972-1975. The Rockefeller Foundation.

To initiate a mollusk program in Africa and adjacent regions, 1970. Smithsonian Institution.

To attend the Eleventh Pacific Science Congress, Tokyo, 1966. National Research Council, National Academy of Science.

To attend the Second European Malacological Congress, Copenhagen, 1965. National Science Foundation, GB-3786.

To collect mollusks in East Africa, 1965. The Rockefeller Foundation, GA MNS 6325.

To attend the First European Malacological Congress, London, 1962. National Science Foundation.

Expeditions:

- Malacological expeditions to the mountainous regions of Thailand (funded by the Program for Biodiversity Research and Training (BRT) of the Thailand Research Fund (TRF), the Thai National Center for Genetic Engineering and Biotechnology, and the Thai National Science and Technology Development Agency (BRT), 1995-2007
- Russian-American Expedition to the Kurile Islands (funded by the Russian Academy of Science-Far East and the U.S. National Science Foundation), 1994
- Australian Museum Expedition to the Great Barrier Reef [Lizard Island, etc.] (funded by the Australian Museum), 1975
- Australian Rainforest Survey, Northern New South Wales and Central Queensland (funded by the Australian Museum), 1974
- Malacological expeditions to Africa and the Near East (funded by the Smithsonian Institution and the Rockefeller Foundation), 1972, 1973
- Bishop Museum Expedition to the High Islands of the South Pacific (funded by the U.S. National Science Foundation), 1970
- Annamalai University Expedition to the northern Western Ghats (funded by Annamalai University and the Smithsonian Institution), 1968
- Malacological expedition to Papua New Guinea and offshore islands (funded by the U.S. National Science Foundation), 1966

Field experience:

U.S.A. (southeastern states [Virginia, North Carolina, South Carolina, Georgia, Alabama, Florida]; mid-western states [Michigan, Wisconsin, Illinois, Ohio, Indiana, Iowa, Missouri, Nebraska, Kansas]; Great Plains states [South Dakota, Nebraska, Colorado, Kansas, Oklahoma, Texas]; Rocky Mountains (Colorado); western states (Washington, Oregon, Idaho, California); Canada [central Ontario]; Central America/Caribbean [Mexico (states of Nuevo Leon, Veracruz); Cuba; Europe (Austria, England, France, Hungary, Italy, Spain, Switzerland, Macedonia); North Africa (Algeria, Tunisia); Sub-Saharan Africa (Ethiopia, Kenya, Liberia, Nigeria, South Africa, Sudan, Tanzania, Zimbabwe), Middle East (Egypt, Israel, Jordan, Kuwait, Sudan); Southern Asia (India); Southeastern Asia (Indonesia, Malaysia, Philippines, Thailand, Singapore, Cambodia, Laos); Eastern Asia (Russia [Kuril Islands], Japan [Hokkaido, Honshu, Kyushu]; South Korea; Taiwan); North Pacific (Hawaiian Islands [Oahu, Kawai, Hawaii islands]); Australasia (Australia [Queensland, Great Barrier Reef (Lizard Island), New South Wales, Northern Territory, Victoria, central Australia, Western Australia]; New Zealand [North Island]; Papua New Guinea; D'Entrecasteaux Islands [Goodenough, Fergusson, Normanby islands]; South Pacific (Trobriand Islands, Woodlark Island, Louisiade Archipelago [Misima, Tagula, Rossel islands]), Samoa (western) [Upolu Island]; American (eastern) Samoa [Tutuila Island], Fiji [Viti Levu], Marshall Islands [Enewetak (Eniwetok) Atoll], Mariana Islands [Guam], Vanuatu/New Hebrides [Éfaté, Malakula, Tanna islands], Society Islands [Tahiti, Moorea, Raiatea islands], Tonga [Tongatapu, Eua islands].

Publications:

2015

Recognition of a highly restricted freshwater snail lineage (Physidae: *Physella*) in southeastern Oregon: convergent evolution, historical context, and conservation considerations (*Conservation Genetics*, 16(1):113-123. [Alexandria C. Moore, John B. Burch & Thomas F. Duda Jr.]

2011

Conservation genetics of a critically endangered limpet genus and rediscovery of an extinct species. *PLoS ONE*, 6(5): e20496. doi:10.1371/journal.pone0020496. [Diarmaid Ó Foighil, Jingchun Li, Taehwan Lee, Paul Johnson, Ryan Evans & John B. Burch]

2010

Molecular phylogenetic revision of the freshwater limpet genus *Ferrissia* (Planorbidae: Ancyliinae) in North America yields two species: *Ferrissia (Ferrissia) rivularis* and *Ferrissia (Kincaidilla) fragilis*. *Malacologia*, 53(10): 25-45. [Andrea C. Walter, John B. Burch & Diarmaid O'Foighil]

Systematic status of *Physa natricina* Taylor 1988, and endangered freshwater snail. [Abstract]. p. 202. In: *Tropical Natural History*, Suppl. 3., pp. *i-liv*, 1-360, *lv-lxxv*. [John B. Burch, Taehwan Lee & John Keebaugh]

2009

Isaac Lea's North American Pleuroceridae. *Malacological Review*, 41/42: 25-245. [John B. Burch & Janice L. Pappas]

Moorean tree snail survival revisited: a multi-island mitochondrial genealogical perspective. *BMC Evolutionary Biology* 9:204 doi:10.1186/1471-2148-9-204 [Lee, Taehwan, John B. Burch, Trevor Coote, Paul Pearce-Kelly, Carol Hickman, J.-Y. Meyer & Diarmaid O'Foighil]

2007

Original descriptions of North American (north of Mexico) freshwater limpets (Gastropoda: Basommatop-hora). *Malacological Review*, 39/40: 111-154. [John B. Burch]

Prehistoric inter-archipelago trading of Polynesian tree snails leaves a conservation legacy. *Proceedings of the Royal Society of London B-Biological Science*, 274(1624): 2779-2914. [Lee, Taehwan, John B. Burch, Trevor Coote, B. Fontaine, O. Gargominy, Paul Pearce-Kelly & Diarmaid O'Foighil]

Tahitian tree snail mitochondrial clades survived recent mass-extirpation. *Current Biology*, 17: R502-R503. [Lee, Taehwan, John B. Burch, Younghun Jung, Trevor Coote, Paul Pearce-Kelly & Diarmaid O'Foighil]

2006

E Pluribus Unum: A phylogenetic and phylogeographic reassessment of *Laevapex* (Pulmonata: Ancyliidae), a North American genus of freshwater limpets. *Molecular Phylogenetics and Evolution*, 40: 501-516. [Walther, Andrea C., Taehwan Lee, John B. Burch & Diarmaid O'Foighil]

Confirmation that the North American ancyloid *Ferrissia fragilis* (Tryon, 1863) is a cryptic invader of European and East Asian freshwater ecosystems. *Journal of Molluscan Studies*, 72: 318-321. [Walther, Andrea C., Taehwan Lee, John B. Burch & Diarmaid O'Foighil]

Acroloxus lacustris is not an ancyloid: A case of misidentification involving the cryptic invader *Ferrissia fragilis* (Mollusca: Pulmonata: Hygrophila). *Molecular Phylogenetics and Evolution*, 39: 271-275. [Walther, Andrea C., Taehwan Lee, John B. Burch & Diarmaid O'Foighil]

2005

An introduction to the microsnails of Thailand. *Malacological Review*, 37/38: i-iv, 1-155. [Somsak Panha & John B. Burch]

2004

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