

CURRICULUM VITAE

David A. Holway, Professor

Department of Ecology, Behavior & Evolution *tel* (858) 342-2771
School of Biological Sciences *email* dholway@ucsd.edu
MC 0116, 9500 Gilman Drive *website* holwaylab.biosci.ucsd.edu
University of California at San Diego
La Jolla, CA 92093-0116

EDUCATION

1997-2001 Postdoctoral Researcher, Division of Biology (EBE), UC San Diego
 Advisor: Professor Dr. Ted J. Case
1997 Ph.D., Department of Biology, University of Utah
 Advisor: Professor Dr. Donald H. Feener, Jr.
 Title of Dissertation: The causes and consequences of Argentine ant invasions
1989 B.A. (Zoology, Highest Honors), UC Berkeley

PROFESSIONAL EXPERIENCE

2011- Professor, School of Biological Sciences (EBE), UC San Diego
2017-2020 Chair, Section of Ecology, Behavior & Evolution (EBE), UC San Diego
2014-2017 Vice Chair, Section of Ecology, Behavior & Evolution (EBE), UC San Diego
2010-2014 Director, UC San Diego Natural Reserve System
2007-2011 Associate Professor, Division of Biological Sciences (EBE), UC San Diego
2001-2007 Assistant Professor, Division of Biological Sciences (EBE), UC San Diego
1999-2001 Assistant Project Scientist, Division of Biology (EBE), UC San Diego
1997-1999 Postdoctoral Fellow, Department of Biology, UC San Diego

FEDERAL RESEARCH GRANTS

2022 NSF DEB Long-term research in environmental biology (Co-PI: N.D. Tsutsui)
 Renewal (\$595,516); *Title*: Large-scale removal of introduced ants as a test of
 community reassembly. Renewal.
2017 NSF DEB Long-term research in environmental biology (Co-PI: N.D. Tsutsui)
 (\$391,313); *Title*: Large-scale removal of introduced ants as a test of community
 reassembly
2015 NSF Doctoral Dissertation Improvement Grant (Co-PI: James Hung) (\$18,072);
 Title: The effects of pollinator diversity loss on plant-pollinator interaction
 networks and native plant reproduction in California scrub ecosystems
2010 NSF DEB REU Supplement (\$6000)
2007 NSF DEB Collaborative Research Grant (Co-PI: A.V. Suarez; Co-PI: M.D.
 Eubanks) (\$599,000); *Title*: Do positive species interactions promote invasions?
 Effects of hemipteran mutualisms on the success and consequences of ant
 invasions
2006 USDA National Research Initiative Competitive Research Grant (Organismal and
 Population Biology of Arthropods and Nematodes) (\$162,000); *Title*: Factors
 controlling Argentine Ant invasion success: tests at multiple spatial scales
2006 NSF Doctoral Dissertation Improvement Grant (Co-PI: Erin Wilson) (\$12,000);
 Title: Ecological effects of an invasive social wasp on endemic Hawaiian
 arthropods

FEDERAL RESEARCH GRANTS (continued)

- 2003 NSF International Cooperative Research Grant (Co-PI: A.V. Suarez) (\$56,000); *Title: Factors promoting coexistence between sympatric, native populations of Argentine ants and fire ants*
- 2002 USDA National Research Initiative Competitive Research Grant (Entomology and Nematology) (\$120,000); *Title: Ecological effects of variable intraspecific aggression in Argentine ants*
- 1999 USDA National Research Initiative Competitive Research Grant (ranked number 1 in Entomology and Nematology) (\$112,000); *Title: Factors limiting Argentine ant invasions: colony size and abiotic factors*
- 1997 USDA NRI Postdoctoral Research Fellowship (Entomology and Nematology) (\$90,000); *Title: Mechanisms in the competitive dominance of the invasive Argentine ant*
- 1995 NSF Dissertation Improvement Grant (\$2,400); *Title: The causes of Argentine ant invasions*

OTHER RESEARCH GRANTS

- 2022 US Navy (\$1,100,809); *Title: Eradication of the Argentine Ant (*Linepithema humile*) on Naval Base Coronado, Naval Auxiliary Landing Field San Clemente Island, CA. Renewal.*
- 2018 US Navy (\$1,936,002); *Title: Eradication of the Argentine Ant (*Linepithema humile*) on Naval Base Coronado, Naval Auxiliary Landing Field San Clemente Island, CA*
- 2015 US Navy (\$44,890); *Title: Argentine Ant eradication feasibility study on Naval Base Ventura, San Nicolas Island, CA*
- 2015 The Nature Conservancy (\$63,346); *Title: Argentine ant eradication efficacy on Santa Cruz Island*
- 2013 National Geographic Society Committee for Research and Exploration (\$5,798); *Title: Ant fauna of the northern Channel Islands, California*
- 2011 The Nature Conservancy / State Coastal Conservancy (All Taxa Biological Inventory) (\$23,197); *Title: The Ecological effects of Argentine ant invasions on Santa Cruz Island*

FELLOWSHIPS

- 2004 Hellman Fellowship, UC San Diego (\$14,763)
- 1995 University of Utah Graduate Research Fellowship (\$6000)
- 1993 Grant-in-Aid of Research, Sigma Xi Foundation (\$400)

PROFESSIONAL SERVICE

- 2026 Editorial board of *Ecology*
- 2026 Reviewer for *American Naturalist*, *Arthropod-Plant Interactions*, *Current Biology*, *Ecology*, *Journal of Animal Ecology*
- 2025 Editorial board of *Ecology*
- 2025 Promotion letter writer (University of Illinois, Department of Entomology; UC Riverside, Department of Entomology)
- 2024 Editorial board of *Ecology & Ecological Monographs*

PROFESSIONAL SERVICE (continued)

- 2024 Reviewer for *Biological Conservation*, *Biological Invasions*, *Ecological Entomology*, *Oecologia*
- 2024 Promotion letter writer (George Washington University, Department of Biological Sciences; Royal Society of New Zealand)
- 2023 Editorial board of *Ecology & Ecological Monographs*
- 2023 Reviewer for *Ecological Entomology* (x2), *Entomologia Generalis*, *Functional Ecology*, *Management of Biological Invasions*
- 2023 Promotion letter writer (Rutgers University, Department of Biology; UC Riverside, Department of Entomology; UC Davis, Department of Entomology)
- 2023 *ad hoc* reviewer for National Science Foundation
- 2022 Editorial board of *Ecology & Ecological Monographs*
- 2022 Reviewer for *Biological Invasions*, *Ecological Entomology* (x2), *Global Change Biology*, *Journal of Insect Behavior*, *Oecologia*
- 2022 Symposium organizer (with K.-L. Hung, J. Kohn & D. Thomson): “Impacts of introduced honeybee populations on plant-pollinator mutualisms in non-managed ecosystems” – *International Union for the Study of Social Insects*
- 2022 Search committee member (Conservation), San Diego Natural History Museum
- 2022 Promotion letter writer (UC Riverside, Department of Entomology)
- 2021 Editorial board of *Ecology & Ecological Monographs*
- 2021 Reviewer for *Biological Conservation*, *Diversity*, *Environmental Entomology*, *Molecular Ecology*
- 2021 *ad hoc* reviewer for National Science Foundation (x2)
- 2021 Promotion letter writer (UC Riverside, Department of Entomology (x2))
- 2020 Editorial board of *Ecology & Ecological Monographs*
- 2020 Reviewer for *Biological Conservation*, *Ecological Entomology*, *Frontiers in Ecology and Evolution*, *Insect Systematics and Diversity*, *Insectes Sociaux*, *Journal of Insect Behavior*, *Oecologia*, *Science*
- 2020 Promotion letter writer (University of Florida, Department of Entomology & Nematology Department; UC Riverside, Department of Entomology)
- 2019 Editorial board of *Ecology & Ecological Monographs*
- 2019 Reviewer for *Biological Invasions*, *Ecological Entomology*, *Entomologia Experimentalis et Applicata*, *Global Change Biology*, *Insectes Sociaux*, *Molecular Ecology*, *Oecologia* (x2)
- 2019 Promotion letter writer (UC Santa Barbara, Marine Science Institute; Arizona State University, School of Life Sciences; UC Riverside, Department of Entomology)
- 2018 Editorial board of *Ecology & Ecological Monographs*
- 2018 Reviewer for *Ecology Letters*, *Food Webs*, *Journal of Insect Behavior*, *Pacific Science*, *PLoS One*, *Scientific Reports*
- 2018 Promotion letter writer (UC Riverside, Department of Entomology)
- 2017 Editorial board of *Ecology & Ecological Monographs*
- 2017 Guest associate editor for *Monographs of the Western North American Naturalist* (Special Issue: Proceedings of the 2016 California Islands Symposium)

PROFESSIONAL SERVICE (continued)

- 2017 Reviewer for *Arthropod-Plant Interactions*, *Biological Conservation*, *Biological Invasions*, *Behavioral Ecology & Sociobiology*, *Ecological Entomology*, *Journal of Economic Entomology*, *Oecologia* (x2), *PLoS One*
- 2016 Editorial board of *Ecology & Ecological Monographs*
- 2016 Reviewer for *Behavioral Ecology & Sociobiology*, *Ecological Entomology*, *Journal of Animal Ecology*, *Nature Ecology & Evolution*, *Oecologia*, *PLoS One*
- 2015 Editorial board of *Ecology & Ecological Monographs*
- 2015 Reviewer for *American Naturalist*, *Functional Ecology*, *Journal of Animal Ecology*, *Journal of Insect Conservation*, *Oecologia*, *The Science of Nature (Naturwissenschaften)*
- 2014 Editorial board of *Ecology & Ecological Monographs*
- 2014 Reviewer for *American Naturalist*, *Animal Behaviour*, *Ecological Entomology* (x3), *Environmental Entomology* (x2), *Journal of Economic Entomology*, *Journal of Insect Science*, *PLoS One*
- 2014 Advisory panel for NSF Population and Community Ecology
- 2014 Promotion letter writer (UC Riverside, Department of Entomology; UC Irvine, Department of Ecology & Evolution)
- 2013 Editorial board of *Ecology & Ecological Monographs*
- 2013 Reviewer for *Behavioral Ecology*, *Biological Invasions*, *Ecology Letters*, *Journal of Animal Ecology*, *Myrmecological News*, *Oecologia* (x2), *PLoS One*
- 2013 *ad hoc* reviewer for National Geographic Society
- 2012 Editorial board of *Ecology & Ecological Monographs*
- 2012 Reviewer for *Biodiversity & Conservation*, *Ecological Entomology*, *Ecosphere*, *Journal of Animal Ecology*, *Journal of Applied Entomology*, *Molecular Ecology* (x2), *PLoS One*, *Psyche*
- 2012 Promotion letter writer (UC Riverside, Center for Conservation Biology)
- 2012 External Graduate Student Committee Member (Biology), CSU San Marcos
- 2012 *ad hoc* reviewer for NSF DEB
- 2011 Editorial board of *Ecology & Ecological Monographs*
- 2011 Reviewer for *Annals of the Entomological Society of America*, *Biological Invasions*, *Diversity & Distributions*, *Ecological Entomology*, *Ecosphere*, *Environmental Entomology*, *Insectes Sociaux*, *Journal of Animal Ecology* (x2), *Oikos*, *Proceedings of the Royal Society*
- 2011 Advisory panel for NSF Population and Community Ecology
- 2011 *ad hoc* reviewer for NSF DEB & IOS
- 2010 Editorial board of *Ecology & Ecological Monographs*
- 2010 Reviewer for *Biological Invasions*, *Conservation Biology*, *Ecological Entomology*, *Ecosphere*, *Insectes Sociaux*, *Journal of Animal Ecology*, *Oecologia*, *Proceedings of the Royal Society*, *Science*
- 2010 *ad hoc* reviewer for NSF DEB
- 2010 Symposium organizer (with M.D. Eubanks & A.V. Suarez): “Nutritional ecology of social insects” – Annual meeting of the Entomological Society of America
- 2010 Promotion letter writer (Skidmore College, Biology Department; University of Toledo; Biology Department)
- 2009 Editorial board of *Ecology & Ecological Monographs*

PROFESSIONAL SERVICE (continued)

- 2009 Reviewer for *Biological Invasions*, *Biology Letters*, *Ecological Entomology* (x2), *Ecography*, *Insectes Sociaux*, *Oecologia*, *Proceedings of the Royal Society*
- 2009 Advisory panel for NSF Evolutionary & Population Ecology
- 2009 *ad hoc* reviewer for NSF IOS and National Geographic Society
- 2009 Working group participant: Management and eradication of the Argentine ant on Santa Cruz Island, California (The Nature Conservancy); Planning workshop for the California Mediterranean Research Learning Center (National Park Service)
- 2009 Promotion letter writer (University of Vermont, Biology Department; UC Berkeley, Department of Environmental Science, Policy & Management)
- 2008 Editorial board of *Ecology & Ecological Monographs*
- 2008 Reviewer for *Ecology* (x2), *Ecology Letters*, *Environmental Entomology*, *Functional Ecology* (x2), *Insectes Sociaux* (x2), *Journal of Economic Entomology*, *Journal of Insect Physiology*, *Molecular Ecology* (x2), *Myrmecological News* (x2), *Oecologia*, *Proceedings of the National Academy of Sciences*
- 2008 Advisory panel for NSF Evolutionary & Population Ecology
- 2008 *ad hoc* reviewer for NSF IOB and NSF IOS
- 2007 Reviewer for *Acta Oecologia*, *Animal Behaviour* (x2), *Biological Invasions*, *Current Biology*, *Diversity & Distributions*, *Ecological Applications*, *Ecology*, *Environmental Entomology* (x3), *Insectes Sociaux* (x2), *Journal of Animal Ecology*, *Journal of Insect Physiology*, *Oecologia* (x2), *Oikos*
- 2007 *ad hoc* reviewer for NSF DEB, NSF IOB & National Geographic Society
- 2006 Reviewer for *Behavioral Ecology & Sociobiology*, *Biological Conservation*, *Biological Invasions*, *Ecological Entomology* (x2), *Ecology*, *Environmental Entomology*, *Insectes Sociaux* (x2), *Journal of Animal Ecology*, *Myrmecological News* (x2)
- 2006 *ad hoc* reviewer for NSF DEB
- 2006 Working group participant: Biology & management of the endangered Delhi sands flower loving fly (Center for Conservation Biology & Department of Entomology, UC Riverside)
- 2005 Reviewer for *Animal Behaviour*, *Ecological Entomology* (x2), *Ecology*, *Journal of Economic Entomology*, *Environmental Entomology*, *Insectes Sociaux* (x2), *Proceedings of the National Academy of Sciences*
- 2005 *ad hoc* reviewer for NSF DEB, NSF IOB & USDA NRICGP (Integrative Biology of Arthropods & Nematodes; Arthropod & Nematode Gateways to Genomics)
- 2004 Reviewer for *Animal Behaviour*, *Annals of the Entomological Society of America* (x2), *Behavioral Ecology & Sociobiology*, *Biological Conservation*, *Biological Invasions*, *Ecological Entomology*, *Ecology* (x2), *Insectes Sociaux*, *Journal of Insect Behavior*, *Molecular Ecology*, *Oikos*, *Trends in Ecology & Evolution*
- 2004 *ad hoc* reviewer for USDA NRICGP (Integrative Biology of Arthropods & Nematodes) & NSF C-RUI
- 2003 Reviewer for *Annals of the Entomological Society of America*, *Behavioral Ecology & Sociobiology*, *Biodiversity & Conservation*, *Biological Invasions*, *Diversity & Distributions*, *Ecology*, *Environmental Entomology*, *Evolution*, *Insectes Sociaux*, *Journal of Insect Behavior*, *Oecologia*, *Pacific Science*

PROFESSIONAL SERVICE (continued)

- 2003 *ad hoc* reviewer for NSF DEB, NSF DBI & USDA NRICGP (Entomology & Nematology)
- 2002 Reviewer for *Aggressive Behavior*, *Animal Behaviour*, *Biological Invasions*, *Ecology Letters*, *Insectes Sociaux*, *Journal of Economic Entomology*
- 2002 Reviewer for National Geographic Research & Exploration Grant
- 2002 *ad hoc* reviewer for NSF DEB & USDA NRICGP (Entomology & Nematology)
- 2001 Reviewer for *Acta Oecologia*, *Animal Behaviour*, *Annals of the Entomological Society of America*, *Ecology* (x2), *Ecology Letters* (x2), *Nature*, *Physiological Entomology*
- 2001 *ad hoc* reviewer for USDA NRICGP (Entomology & Nematology)
- 2000 Reviewer for *Ecology*, *Behavioral Ecology & Sociobiology*, *Insectes Sociaux*, *Naturwissenschaften*
- 2000 *ad hoc* reviewer for USDA NRICGP (Entomology & Nematology)
- 1999 Reviewer for *Bulletin of the Southern California Academy of Sciences*
- 1998 Reviewer for *American Midland Naturalist*, *American Naturalist*, *Biological Conservation*, and *Biological Invasions*

INVITED SEMINARS

- 2026 Department of Entomology, UC Riverside
- 2026 Department of Entomology & Nematology, UC Davis
- 2024 Department of Biology, San Diego State University
- 2024 Department of Entomology, University of Illinois (Champaign-Urbana, IL)
- 2024 Cheadle Center for Biodiversity & Ecological Restoration, UC Santa Barbara
- 2023 Department of Agricultural Biology, Colorado State University (Ft Collins, CO)
- 2022 Center for Academic Research & Training in Anthropogeny, UC San Diego
- 2019 Plenary speaker, Entomological Society of America – Pacific Branch (San Diego, CA)
- 2017 Department of Entomology, Texas A&M University
- 2016 International Congress of Entomology (Orlando, FL)
- 2016 Ecology Program, Pennsylvania State University
- 2014 Annual meeting of the Entomological Society of America (Portland, OR)
- 2014 AAAS Annual meeting, Pacific Division (Riverside, CA)
- 2014 Biology Department, University of Central Florida
- 2014 Department of Entomology, UC Davis
- 2013 Scripps Institution of Oceanography, UC San Diego
- 2011 Department of Biology, Skidmore College
- 2011 Department of Entomology, UC Riverside
- 2010 Department of Biological Sciences, California State University, Fullerton
- 2009 Department of Ecology and Evolutionary Biology, UC Irvine
- 2009 Department of Biology, San Diego State University
- 2008 Department of Entomology, Texas A&M University
- 2007 Annual meeting of the Entomological Society of America (San Diego, CA)
- 2007 Department of Entomology & Center for Insect Science, University of Arizona
- 2007 Annual meeting of the Ecological Society of America (San Jose, CA)
- 2006 International Union for the Study of Social Insects (Wash., D.C.)
- 2006 Department of Entomology, UC Davis

INVITED SEMINARS (continued)

2006	Department of Entomology & Center for Insect Science, University of Arizona
2005	Department of Biology, New Mexico State University
2005	Department of Biological Sciences, Dartmouth College
2004	Annual meeting of the Society for Conservation Biology (New York, NY)
2004	Annual meeting of the National Conference on Urban Entomology (Phoenix, AZ)
2003	Department of Biology, San Diego State University
2003	Department of Biology, University of San Diego
2002	Department of Entomology, UC Riverside
2002	Department of Entomology, North Carolina State University
2002	Scripps Institution of Oceanography, UC San Diego
2001	Annual meeting of the Entomological Society of America (San Diego, CA)
2001	Department of Zoology, University of Washington
2001	Division of Biology (EBE), UC San Diego
2000	Department of Biological Sciences, Louisiana State University
2000	Department of Ecology & Evolution, University of Arizona
2000	Department of Biological Science, California State University, Fullerton
2000	Department of Biology, Boise State University
2000	Department of Biology, San Francisco State University
1999	Department of Organismic Biology, Ecology & Evolution, UCLA
1998	Department of Entomology, UC Davis
1998	Department of Biology, San Diego State University
1997	Department of Biology, UC San Diego
1997	Department of Biological Sciences, Simon Fraser University

PROFESSIONAL PRESENTATIONS AT NATIONAL MEETINGS

2022	International Union for the Study of Social Insects (San Diego, CA)
2021	Annual meeting of the Ecological Society of America (Virtual meeting)
2020	Annual meeting of the Ecological Society of America (Virtual meeting)
2019	Annual meeting of the Entomological Society of America (St. Louis, MO)
2017	Annual meeting of the Ecological Society of America (Portland, OR)
2013	Annual meeting of the Ecological Society of America (Minneapolis, MN)
2012	Annual meeting of the Ecological Society of America (Portland, OR)
2011	Annual meeting of the Entomological Society of America (Reno, NV)
2009	Annual meeting of the Ecological Society of America (Albuquerque, NM)
2008	Annual meeting of the Ecological Society of America (Milwaukee, WI)
2006	Annual meeting of the Ecological Society of America (Memphis, TN)
2005	Annual meeting of the Ecological Society of America (Montreal, Canada)
2002	Annual meeting of the Ecological Society of America (Tucson, AZ)
1997	Annual meeting of the Ecological Society of America (Albuquerque, NM)
1995	Annual meeting of the Ecological Society of America (Snowbird, UT)

OUTREACH SEMINARS & PRESENTATIONS AT LOCAL MEETINGS

2024	<i>Science Salon</i> lecture series, San Diego Natural History Museum
2024	<i>Naturally Speaking</i> lecture series, Cabrillo National Monument (San Diego)
2023	California Islands Symposium (Ventura)

OUTREACH SEMINARS & PRESENTATIONS AT LOCAL MEETINGS (continued)

2021	US Fish & Wildlife Service (Carlsbad)
2020	State of Biodiversity Symposium, San Diego Natural History Museum
2018	Lakeside River Park Conservancy (Lakeside)
2018	Torrey Pines Docent Society (San Diego)
2018	State of Biodiversity Symposium, San Diego Natural History Museum
2017	Mission Trails Regional Park (San Diego)
2016	California Islands Symposium (Ventura)
2014	Institute for Conservation Research, San Diego Zoo Global (Escondido)
2012	California Islands Symposium (Ventura)
2012	Association of Applied IPM Ecologists (Oxnard)
2011	San Diego Partners in Biodiversity (San Diego)
2011	<i>Life</i> lecture series, Mira Costa College (Oceanside)
2010	Osher Lifelong Learning (UC San Diego Extension)
2009	Pest Control Operators of California (San Diego)
2009	<i>Nature Matters</i> lecture series, San Diego Natural History Museum
2008	Torrey Pines Association Symposium (UC San Diego)
2008	CRES, Zoological Society of San Diego (Escondido)
2008	San Diego Partners in Biodiversity (San Diego)
2008	Torrey Pines Docent Society (San Diego)
2008	UC Cooperative Extension (Master Gardener Association; San Diego)
2008	Annual meeting of the Southern California Academy of Sciences (CSUDH)
2008	<i>Perspectives on Science</i> lecture series (Point Loma Nazarene University)
2007	Southern California Animal Behavior Symposium (UC Santa Barbara)
2006	Southern California Animal Behavior Symposium (UC San Diego)
2004	Cabrillo National Monument Research Seminar Series (San Diego)
2004	Entomological Association of Southern California (Los Angeles)

PROFESSIONAL AFFILIATIONS

2019 -	American Association for the Advancement of Science
1994 -	Ecological Society of America
2010 -	Entomological Society of America

MASTER'S STUDENTS

Evelyn Baratelli (MS 2021), Kayleigh Cassidy (MS 2024), Henry Cen (MS 2015), Edward Chen (MS 2021), Bo-Huey Chiang (MS 2018), Gene Chou (MS 2009), Jessica Davids (MS 2018), Kylie Etter (MS 2019), Mandy Frazer (MS 2024), Stephanie Glenn (MS 2005), Crystal Grover (MS 2007), Grace Jurgela (MS 2024), Michelle Kizner (MS 2010), Adrienne Lee (MS 2016), John Ludka (MS 2008), Bryan Huang (MS 2020), Maria Martinez (MS 2020), Kyle McCann (MS 2011), Mohamed Musse (MS 2019), Annika Nabors (MS 2015), Kris Price (MS 2026 (expected)), Sara Sandoval (MS 2018), Jillian Schat (MS 2018), Amanda Schochet (MS 2014), Justin Scioli (MS 2014), Rebecca Stiling (MS 2023), Ariya Uyeno (MS 2024), Jeremy Warner (MS 2017), Christopher Winters (2023), Jennifer Zee (MS 2003)

DOCTORAL STUDENTS

Ellie Fausett (PhD 2028 (expected)), Jess Gambel (PhD 2020), Keng-Lou Hung (PhD 2017), Jess Mullins (PhD 2026), Ida Naughton (PhD 2021), Katherine LeVan (PhD 2013), Sean Menke (PhD 2007), Erin Wilson-Rankin (PhD 2009)

POSTDOCTORAL RESEARCHERS

Pablo Schilman (2002-2004), Melissa Thomas (2002-2004), Ed LeBrun (2003-2005), Ho Jung Yoo (2007-2010)

PEER-REVIEWED PUBLICATIONS

- (97) Gambel, J., K-L.J. Hung, M. Martinez, J. Davids, K. Eastwood, J. Warner, J. Kohn & D.A. Holway. 2026. The performance of specialist and generalist pollinators on cultivated squash and wild gourds. *American Journal of Botany*, in press.
- (96) Travis, D.A. Holway, J. Kohn & K-L.J. Hung. 2025. Pollen exploitation by non-native honey bees in a hotspot of native bee diversity: potential consequences for interspecific competition. *Insect Conservation & Diversity* 18:1109-1119.
- (95) Frazer, M & D.A. Holway. 2025. Invasion of the big-headed ant (*Pheidole megacephala*) in southern California: implications of future expansion. *Biological Invasions* 27:139.
- (94) Hathaway, S., S.B. Menke & D.A. Holway. 2025. Historical resurveys provide support for abiotic limits to Argentine ant invasion in southern California. *Biological Invasions* 27:123.
- (93) Winters, C., G. Jurgela, & D.A. Holway. 2025. Exploitation of a marine subsidy by a terrestrial invader. *Biological Invasions* 27:35.
- (92) Naughton, I., N.D. Tsutsui, P.S. Ward & D.A. Holway. 2024. A multi-species comparison of genetic diversity between island and mainland ant populations. *Evolution* 78:1685-1698.
- (91) Gambel, J. & D.A. Holway. 2024. Pollinators mediate effects of experimental drought on squash (*Cucurbita pepo*) reproduction. *Ecology & Evolution* 14:e11400.
- (90) Gambel, J. & D.A. Holway. 2023. Divergent responses of generalist and specialist pollinators to experimental drought: outcomes for plant reproduction. *Ecology* 104:e4111.
- (89) Baratelli, E., I. Naughton, A.V. Suarez, C.V. Tillberg, S.B. Menke & D.A. Holway. 2023. Variation in Argentine Ant trophic position in relation to time since invasion. *Biological Invasions* 25:133-140.
- (88) Etter, K.J, G. Junquera, J. Horvet, R. Alarcon, K.-L.J. Hung & D.A. Holway. 2022. Interspecific pollen transport between non-native fennel and an island endemic buckwheat: assessment of the magnet effect. *Biological Invasions* 24:139-155.
- (87) Hung, J., S.S. Sandoval, J.S. Ascher & D.A. Holway. 2021. Habitat fragmentation and severe drought jointly impact native bee assemblages in a biodiversity hotspot. *Insects* 12:135 (invited contribution).
- (86) Holway, D.A. & E.K. Cameron. 2021. The importance of scavenging in ant invasions. *Current Opinion in Insect Science* 46:39-42 (invited review).
- (85) Achury, R., D.A. Holway & A.V. Suarez. 2021. Pervasive and persistent effects of invasion and fragmentation on native ant assemblages. *Ecology* 102:e03257.
- (84) Clifton, G.T., D.A. Holway & N. Gravish. 2020. Vision does not impact walking performance in Argentine ants. *Journal of Experimental Biology* 223:jeb228460.

PEER-REVIEWED PUBLICATIONS (continued)

- (83) Clifton, G.T., D.A. Holway & N. Gravish. 2020. Rough substrates constrain walking speed in ants through modulation of stride frequency and not stride length. *Royal Society Open Science* 7:192068.
- (82) Menke, S.B. & D.A. Holway. 2020. Historical resurvey indicates no decline in Argentine ant site occupancy in coastal southern California. *Biological Invasions* 22:1669-1679.
- (81) Naughton, I., C. Boser, N.D. Tsutsui & D.A. Holway. 2020. Direct evidence of native ant displacement by the Argentine ant in island ecosystems. *Biological Invasions* 22:681-691.
- (80) Hung, J., J.S. Ascher, J.A. Davids & D.A. Holway. 2019. Ecological filtering in scrub fragments shapes the taxonomic and functional structure of native bee assemblages. *Ecology* 100:e02654. (Cover article.)
- (79) Hung J., J.M. Kingston, A. Lee, D.A. Holway & J.R. Kohn. 2019. Non-native honey bees disproportionately dominate abundant floral resources in a hotspot of pollinator diversity. *Proceedings of the Royal Society B* 286:20182901.
- (78) Merrill, K.C., C.L. Boser, C. Hanna, D.A. Holway, I. Naughton, D-H. Cho & E.E. Wilson Rankin. 2018. Argentine Ant (*Linepithema humile*, Mayr) eradication efforts on San Clemente Island, CA, USA. *Monographs of the Western North American Naturalist* 78:829-836.
- (77) Boser, C.L., K.C. Merrill, R.N. Fisher, I. Naughton & D.A. Holway. 2018. The introduced Argentine ant (*Linepithema humile*) on the California Channel Islands: distribution and patterns of spread. *Monographs of the Western North American Naturalist* 78:820-828.
- (76) Menke, S.B., P.S. Ward & D.A. Holway. 2018. Long-term record of Argentine ant invasions reveals enduring ecological impacts. *Ecology* 99:1194-1202.
- (75) Hung, J., J.M. Kingston, M. Albrecht, D.A. Holway & J.R. Kohn. 2018. The worldwide importance of honey bees as pollinators in natural habitats. *Proceedings of the Royal Society B* 285: 20172140.
- (74) Nabors, A.J., H.J. Cen, K-L.J. Hung, J.R. Kohn & D.A. Holway. 2018. The effect of removing numerically dominant, non-native honey bees on seed set of a native plant. *Oecologia* 186:281-289.
- (73) Hung, J., J.S. Ascher & D.A. Holway. 2017. Urbanization-induced habitat fragmentation erodes multiple components of temporal diversity in a Southern California native bee assemblage. *PLoS One* 12:e0184136.
- (72) Ness, J. & D.A. Holway. 2017. Mutualisms and the reciprocal benefits of comparing systems with native and introduced ants. In: *Ant-plant interactions in a changing world*, P. Olivera & S. Koptur (eds), Cambridge University Press. Pp. 290-308.
- (71) Hu, Y., D.A. Holway, P. Łukasik, L. Chau, A.D. Kay, E.G. LeBrun, K.A. Miller, J.G. Sanders, A.V. Suarez & J.A. Russell. 2017. By their own devices: invasive Argentine ants have shifted diet without clear aid from symbiotic microbes. *Molecular Ecology* 26:1608-1630.
- (70) Boser, C.L., C. Hanna, D.A. Holway, K.R. Faulkner, I. Naughton, K. Merrill, J.M. Randall, C. Cory & S.A. Morrison. 2017. Protocols for Argentine ant eradication in conservation areas. *Journal of Applied Entomology* 141:540-550.
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